Chromalox®
PRECISION HEAT AND CONTROL

Master Industrial Price List
Effective May 2, 2014

GENERAL ORDERING INFORMATION

For Best Service — When placing an order, obtaining order information, requesting quotations or sales and application assistance, **contact your local Chromalox sales office as listed on the back of this price book.**

-or-

**Visit www.Chromalox.com
and click on myAccount for up-to-the-minute
stock availability, order status, pricing and information.
Not registered yet?
Simply refer to a Chromalox invoice or order acknowledgement for your needed account information.**

Order delivery status information may be obtained from the shipping location as shown on the Chromalox Order Acknowledgement form. See below.

LaVergne, Tennessee
Phone: 800-282-1375
Fax: 615-793-4399

Nuevo Laredo, Mexico
Phone: 888-485-3335

Ogden, Utah
Phone: 800-368-2493
Fax: 801-782-9753

Ordering Information and Customer Service may your local Chromalox sales office as located on the back of this price book or by calling the number listed below.

Customer Service
Phone: 800-443-2640
Fax: 412-967-5148

Chromalox®

PRECISION HEAT AND CONTROL

Master Industrial Price List

INDUSTRIAL HEATING PRODUCTS

Use for pricing all Chromalox Industrial Products, stock and non-stock.

General: The master price list supersedes all previously published price lists. For prices on boilers, heat transfer systems, large tank heaters and specially designed heating equipment, contact your sales engineering representative.

Stock Status: Designations in this price list are:

ST Stocked in finished form. Some stock items, such as cartridge heaters, may be modified for customers, but are still considered as stock.

AS Assembly Stock. Items which are put together using major sub-assemblies which are kept on hand, and which require a 1 to 10 day shipping leadtime.

NS Non-stock. These are all made-to-order and include products containing special features, for which a "price adder" applies.

FS Fast ship product

Prices: Prices are net to industrial user customers, regardless of quantity or order size.

Minimum Order Requirement

Stock and Assembly Stock items
$150 minimum per order

Non-Stock Items
$300 minimum per line item
A "Setup Charge" equal to $300 minus the net extended line item price will apply to all make products less than $300.

Parts
$50 minimum per order

Sensors
$50 minimum per order

Thermwire
$100 minimum per order

Terms: Net 30 days on approved credit. All prices are F.O.B. point of shipment. UPS shipments are prepaid and charges added to invoice. When customer supplies their UPS or other carrier account number, charges will be collect. Freight shipments are made with freight charges prepaid and added to invoice. When customer requests a specific carrier, freight charges will be collect. Prices, delivery, discounts, stock status and designs are subject to change without notice. Prices do not include sales or similar taxes.

Price Policy: Prices in effect at time of shipment will apply. Exception: Prices on orders entered prior to the announcement of a general price increase are firm if shipment is made within 30 days after the effective date of the increase.

VARIATIONS IN QUANTITY, Non Stock Items (VIQ)

In the manufacture of non-stock products, it is necessary to allow for losses in production. We, therefore, reserve the right to ship the following variations in quantities.

Quantity Ordered	Shipping Variations
1 – 5	No Variation
6 – 10	± 1 Unit
11 – 25	± 2 Units
26 – 50	± 3 Units
51 – 75	± 4 Units
76 – 99	± 5 Units
100 and Over	± 5 Percent

NO VIQ, Add 5% to order value.

Specify: Quantity, model number, PCN, volts, watts, type of heater or control, plus additional features required.

Restocking Policy:

AS Not eligible for return

NS Not eligible for return

ST For stock returns, please contact your local sales representative for restocking charge.

Format of Price List

The basic structure of the price and stock list is in six columns.

Column one contains the PCN or the six digit Product Code Number (the key to all computer processing of orders).

Column two is the description and contains the heater model number, volts, phase and kW.

Column three SS denotes if the item is stock (ST), assembly stock (AS) or non-stock (NS).

Column four WT is the approximate weight of the item in pounds.

Column five D stipulates the industrial product schecule (A, C, and D) for each item.

Column six is the price.

Equipment Type Index - by Major Product Type

Type of Heater or Control	Price List Page
AIR HANDLER	see Boiler Section
BAND & NOZZLE	47-50
BOILER	see Boiler Section
CTB THIN BLADE	8-9
CARTRIDGE	20-28
CIRCULATION	120-133
CONTROLS	see Controls and Panels Section
HARSH ENVIRONMENT BLOWER HEATER	42-43
HAZARDOUS LOCATION BLOWER HEATER	38-39
HEAT TRANSFER	see Boiler Section
HEATING CABLE	133-136
HOPPER HEATERS	9
IMMERSION - OVER-THE-SIDE	102-109
IMMERSION - SCREWPLUG	65-79
IMMERSION - FLANGED	51-63
INDUSTRIAL COMFORT - BLOWER	38-39
INDUSTRIAL COMFORT - CONVECTION	39-42
INDUSTRIAL COMFORT - RADIANT	42
LOADBANKS	see Boiler Section
PANELS	see Controls and Panels Section
PROCESS AIR (FINTUBES, FINSTRIPS, DUCT)	30-36
RADIANT PANELS	134
RADIANT PROCESS	112-119
RING & DISC	7-8
SENSORS	see Controls and Panels Section
SL SILICONE LAMINATED	29-30
STRIP	1-6
TANK HEATER - LARGE	see Boiler Section
TUBULAR	9-19
WIRE, INSULATION, BUSSBAR (HARDWARE)	6-7

Equipment Type Index - by Catalog Number Prefix

Catalog No. Prefix	Price Stat Code	Catalog Description	Price List Page
A	121	RING HEATERS	7
ADH	225	AIR DUCT HEATERS	33
ADHT	228	AIR DUCT HEATERS	35
AEPS	151	EXPLOSION PROOF STRIP HEATERS	19
APS-4	847	AUTO SNOW/ICE MELTING	134
AR	453	STAT KIT FOR OVER-THE-SIDE HEATERS	102
AREMTO	480	SCREWPLUG IMMERSION HEATERS	72
ARMT	447	SCREWPLUG IMMERSION HEATERS	81
ARMTS	447	SCREWPLUG IMMERSION HEATERS	85
ATS	150	TUBULAR ELEMENTS	19
ATU	150	TUBULAR ELEMENTS	19
BLCK	462	OVER-THE-SIDE IMMERSION HEATERS	107
BLCS	462	OVER-THE-SIDE IMMERSION HEATERS	107
C	187	CARTRIDGE HEATERS	20
C-7	166	CARTRIDGE HEATERS	20
C-8	167	CARTRIDGE HEATERS	20
CAB	220	AIR DUCT HEATERS	32
CABB	221	AIR DUCT HEATERS	33
CBH	186	STUD BOLT HEATERS	28
CDE	182	CARTRIDGE HEATERS	28
CIR-1	171	CARTRIDGE HEATERS	20
CIR-2	172	CARTRIDGE HEATERS	21
CIR-3	173	CARTRIDGE HEATERS	23
CIR-4	174	CARTRIDGE HEATERS	25
CIR-5	175	CARTRIDGE HEATERS	26
CIT	464	OVER-THE-SIDE IMMERSION HEATERS	108
CIT-1	847	SNOW SENSOR	134
CPH	571	WIDE AREA RADIANT PANELS	120
CPHH	295	PUMPHOUSE HEATERS	47
CPHI	573	WIDE AREA RADIANT PANELS	120
CPL	571	WIDE AREA RADIANT PANELS	120
CPLI	573	WIDE AREA RADIANT PANELS	120
CR-RAD	519	RADIANT HEATERS REFLECTORS	120
CTBS	124	THIN BLADE ELEMENTS	8
CTRH	184	CARTRIDGE HEATERS	28
CTS	455	OVER-THE-SIDE IMMERSION HEATERS	106
CVCHS	660	CIRCULATION HEATERS	121
CVEP	248	CONVECTION HEATERS	39
CWM	842	CONSTANT WATTAGE HEATING CABLE	134
CXH-A	277	BLOWER HEATERS W/ THERMOSTAT	38
DAB	213	AIR DUCT HEATERS	30
DB	342	BAND HEATERS	50
DBW	343	BAND HEATERS	50
DRA	236	PORTABLE INDUSTRIAL BLOWER	38
DU-RAD	514	RADIANT HEATERS	114
DWH	448	IMMERSION HEATERS	99
DWH-MR	448	IMMERSION HEATERS	99
EDS	274	DISCONNECT SWITCHES	44
EH	245	CONVECTION HEATERS	40
EMTO	480	SCREWPLUG IMMERSION HEATERS	72
EMTS	480	SCREWPLUG IMMERSION HEATERS	74
F	491	REPLACEMENT FUSES	106
FSRM	136	HOPPER HEATERS	9
FTI	215	FINTUBE ELEMENTS	30
FTS	214	FINTUBE ELEMENTS	30
GCH	613	CIRCULATION HEATERS	127
GCHIS	615	CIRCULATION HEATERS	131
GCHISB	615	CIRCULATION HEATERS	131
GDS	491	SINGLE TUBE OTS HEATERS	103
GDS3	491	TRIPLE TUBE OTS HEATERS	103
GDSL	491	SINGLE TUBE L-SHAPED OTS HEATERS	104
GDT3	491	TRIPLE TUBE OTS HEATERS	104
GDTL	491	SINGLE TUBE L-SHAPED OTS HEATERS	104
GDTL3	491	TRIPLE TUBE L-SHAPED OTS HEATERS	105
GHTF	492	TEFLON HEAT EXCHANGERS	110
GR	—	PROTECTIVE GRILLES	120
GRS	492	SS HEAT EXCHANGERS	110
GRT	492	TITANIUM HEAT EXCHANGERS	110
GS3	491	TRIPLE TUBE OTS HEATERS	103
GSL	491	SINGLE TUBE OTS HEATERS	104
GSV3	491	TRIPLE TUBE L-SHAPED, VERT. STACK	105
GT	491	SINGLE TUBE OTS HEATERS	103
GT3	491	TRIPLE TUBE OTS HEATERS	104
GTF	467	OVER-THE-SIDE IMMERSION HEATERS	108
GTF6	467	OVER-THE-SIDE IMMERSION HEATERS	109
GTF9	467	OVER-THE-SIDE IMMERSION HEATERS	109
GTFL	467	OVER-THE-SIDE IMMERSION HEATERS	108
GTFL3	467	OVER-THE-SIDE IMMERSION HEATERS	109

Equipment Type Index - by Catalog Number Prefix

Catalog No. Prefix	Price Stat Code	Catalog Description	Price List Page
GTL	491	SINGLE TUBE L-SHAPED OTS HEATERS	104
GTL3	491	TRIPLE TUBE L-SHAPED OTS HEATERS	105
GTV3	467	TRIPLE TUBE L-SHAPED, VERT. STACK	105
GXF	467	OVER-THE-SIDE IMMERSION HEATERS	108
H	242	CONVECTION HEATERS	39
HB	321	BAND HEATERS	47
HCH	246	CONVECTION HEATERS	40
HF	233	UNIT HEATERS	37
HL	847	HAZARDOUS LOCATION CONNECTION KITS	135
HMK	270	CEILING MOUNTING BRACKETS	39
HSN	122	DISC HEATERS	8
HSP	122	DISC HEATERS	8
HSRL	845	SELF-REGULATING LOW TEMP. CABLE	133
HSRM	846	SELF-REGULATING MEDIUM TEMP. CABLE	133
HSW	122	DISC HEATERS	8
HVH	231	HORIZONTAL & VERTICAL BLOWER HEATER	43
HVT	245	CONVECTION HEATERS	40
IBG	813	INSULATING BLANKETS	30
ISFS	274	FAN SWITCHES	44
KSEF	213	AIR DUCT HEATERS	30
KTLC	451	OVER-THE-SIDE IMMERSION HEATERS	99
KTLI	453	OVER-THE-SIDE IMMERSION HEATERS	102
KTLS	454	OVER-THE-SIDE IMMERSION HEATERS	101
LCD-1	847	SNOW SWITCH	134
LUH	274	UNIT HEATERS	44
MB	331	MICA BAND HEATERS (1 PC.)	48
MB	332	MICA BAND HEATERS (2 PC.)	49
MI	841	HEATING CABLE	135
MT	443	SCREWPLUG IMMERSION HEATERS	68
MT	447	SCREWPLUG IMMER. HTRS W/O HS6	68
MT, MTO	443	IMMERSION HEATERS	70
MTO	444	IMMERSION HEATERS	67
MTS	446	IMMERSION HEATERS W/O STAT	65
MTS	446	SCREWPLUG IMMERSION HEATERS	65
NH	116	STRIP HEATERS	3
NS	118	STRIP HEATERS	5
NSA	118	STRIP HEATERS	5
NSL	118	STRIP HEATERS	5
NWH	611	CIRCULATION HEATERS	120
NWHIS	615	CIRCULATION HEATERS	130
NWHJRG	617	CIRCULATION HEATERS	120
NWHMTOR	612	CIRCULATION HEATERS	123
NWHMT	611	CIRCULATION HEATERS	121
NWHMTO	612	CIRCULATION HEATERS	123
NWHMTSS	615	CIRCULATION HEATERS	129
NWHO	612	CIRCULATION HEATERS	123
NWHOIS	615	CIRCULATION HEATERS	131
NWHOISR	615	CIRCULATION HEATERS	131
NWHOR	612	CIRCULATION HEATERS	123
NWHORB	612	CIRCULATION HEATERS	124
NWHSRG	616	CIRCULATION HEATERS	121
OT	114	STRIP HEATERS	2
OT-AC	119	TERMINAL COVERS	6
OTF	226	FINSTRIP ELEMENTS	35
PDES	819	GIRTH EXTENSION STRAPS	30
PGL	236	PLUG KIT-DRA	38
PGN	236	PLUG-DRA	38
PHDT	807	DRUM HEATERS, 55 GALLON	29
PHDT	807	DRUM HEATERS, 30 GALLON	29
PHDT	807	DRUM HEATERS, 15 GALLON	30
PLC	236	POWER CORD-DRA	38
PMB	270	POLE MOUNTING BRACKETS	39
PN	232	CEILING MOUNTING BRACKETS	37
PNO	119	MOUNTING STUDS	7
PT	112	STRIP HEATERS	1
PTH	460	OVER-THE-SIDE IMMERSION HEATERS	106
PTHF	457	OVER-THE-SIDE IMMERSION HEATERS	106
PTHT	490	OVER-THE-SIDE IMMERSION HEATERS	106
QM	465	OVER-THE-SIDE IMMERSION HEATERS	107
RAD	511	RADIANT HEATERS	112
RADD	511	RADIANT HEATERS	112
RADH	511	RADIANT HEATERS	112
RCK	847	ROOF & GUTTER ROOF CLIPS	113
RDK	847	ROOF & GUTTER DOWNSPOUT HANGERS	135
RG	847	ROOF & GUTTER CABLE ACCESSORIES	135
RHSW	122	DISC HEATERS	9
RI	441	IMMERSION HEATERS	63

Equipment Type Index - by Catalog Number Prefix (continued)

Catalog No. Prefix	Price Stat Code	Catalog Description	Price List Page
RIN	441	IMMERSION HEATERS	64
RINO	441	IMMERSION HEATERS	64
RIO	441	IMMERSION HEATERS	63
RT	847	CABLE INSTALLATION ACCESSORIES	134
RTST-SL	847	CABLE SPLICE & TEE BOX W/LIGHT	135
RTU	517	RADIANT HEATERS	118
RUTU	514	RADIANT HEATERS	118
S	113	STRIP HEATERS	1
SC-40	847	SATELLITE CONTACTORA	135
SCB	183	CARTRIDGE HEATERS	28
SDRA	236	SUPERDRAGON HEATERS	38
SE	111	STRIP HEATERS	1
SE-AC	119	TERMINAL COVERS	6
SFTI	218	FINTUBE ELEMENTS	31
SFTS	217	FINTUBE ELEMENTS	31
SHO	614	SUCTION OIL HEATERS	127
SIT-6E	847	PAVEMENT SENSOR	134
SL-N	807	SILICONE LAMINATE HEATERS	29
SN	115	STRIP HEATERS	3
SNH	115	STRIP HEATERS	3
SRF	845	SELF-REGULATING HEATING CABLE	134
SRL	845	SELF-REGULATING HEATING CABLE	133
SRM/E	846	SELF-REGULATING HEATING CABLE	133
SSE	117	STRIP HEATERS	4
SSEM	117	STRIP HEATERS	4
SSNHM	117	STRIP HEATERS	4
ST	115	STRIP HEATERS	3
STAR-05&02	260	PORTABLE RADIANT HEATERS	42
STAR-06&14	255	RADIANT HEATERS	42
STAR-05&02	261	CEILING MOUNT HEATERS	42
STAR-06&14	255	FIXED RADIANT HEATERS	47
STRC	149	TUBULAR ELEMENTS	18
STRI	148	TUBULAR ELEMENTS	17
STRS	147	TUBULAR ELEMENTS	17
STTH	115	STRIP HEATERS	3
TBL	469	OVER-THE-SIDE IMMERSION HEATERS	109
TDH	222	AIR DUCT HEATERS	33
TH	115	STRIP HEATERS	3
TI	142	TUBULAR ELEMENTS	10
TLC	451	OVER-THE-SIDE IMMERSION HEATERS	99
TLI	453	OVER-THE-SIDE IMMERSION HEATERS	102
TLO	452	OVER-THE-SIDE IMMERSION HEATERS	100
TLS	454	OVER-THE-SIDE IMMERSION HEATERS	101
TM-12	427	IMMERSION HEATERS	55
TM-18	427	IMMERSION HEATERS	55
TM-27	431	IMMERSION HEATERS	56
TM-03	423	IMMERSION HEATERS	54
TM-36	431	IMMERSION HEATERS	56
TM-45	431	IMMERSION HEATERS	56
TM-06	423	IMMERSION HEATERS	35
TMI	425	IMMERSION HEATERS	59
TMI	429	IMMERSION HEATERS	61
TMI	433	IMMERSION HEATERS	62
TMIS	425	FLANGE IMMERSION HEATERS	60
TMO-03	424	IMMERSION HEATERS	51
TMO-03	438	IMMERSION HEATERS	54
TMO-36	432	IMMERSION HEATERS	52
TMO-06	424	IMMERSION HEATERS	54
TMS	426	IMMERSION HEATERS	56
TMS-12	430	IMMERSION HEATERS	57
TMS-18	430	IMMERSION HEATERS	57
TMS-03	426	IMMERSION HEATERS	56
TMS-06	426	IMMERSION HEATERS	57
TMW	442	IMMERSION HEATERS W/O HOUSING	64
TMW	442	SCREWPLUG IMMERSION HEATERS	64
TMWS	447	IMMERSION HEATERS W/O HOUSING	64
TPF	456	OVER-THE-SIDE IMMERSION HEATERS	108
TPR	456	OVER-THE-SIDE IMMERSION HEATERS	108
TRC	146	TUBULAR ELEMENTS	16
TRCC	146	TUBULAR ELEMENTS	16
TRI	139	TUBULAR ELEMENTS	9
TRI	145	TUBULAR ELEMENTS	14
TRID	145	TUBULAR ELEMENTS	15
TRIW	145	TUBULAR ELEMENTS	15
TRS	144	TUBULAR ELEMENTS	12
TRSC	144	TUBULAR ELEMENTS	12
TRSS	145	TUBULAR ELEMENTS	13
TRSSH	145	TUBULAR ELEMENTS	13
TRSSN	145	TUBULAR ELEMENTS	14
TS	141	TUBULAR ELEMENTS	9
TSSM	154	TUBULAR ELEMENTS	19
TTSF	436	IMMERSION HEATERS	63
TTUH	421	IMMERSION HEATERS	50
UB	232	UNIT HEATERS	37
U-RAD	514	RADIANT HEATERS	113
U-RAD-LT	514	RADIANT HEATERS	114
UES	847	U-SERIES KIT	135
UMC	847	U-SERIES KIT	135
UPC	847	U-SERIES KIT	135
URPT	518	HAIRPIN BENT ELEMENTS	120
US1, 4, 6	492	SS HEAT EXCHANGERS	110
USL	847	U-SERIES KIT	135
UT1, 4, 6	492	TITANIUM HEAT EXCHANGERS	110
UTU	518	HAIRPIN BENT ELEMENTS	119
UTU-LT	518	REPLACEMENT ELEMENTS	120
UTU-STAR	256	REPLACEMENT ELEMENTS	42
UTUA	256	AITKEN REPLACEMENT ELEMENTS	42
V	243	CONVECTION HEATERS	40
VTS	487	VERSATHERM SCREWPLUG	99
WMB	277	WALL MOUNTING BRACKETS	33
WS	125	STRIP HEATERS	9
WUB	232	WALL MOUNTING BRACKETS	37
WUH	274	CEILING/WALL BRACKETS	44

PCN	DESCRIPTION	SS	WT	D	PRICE

SPECIAL DOCUMENTATION CHARGES

If your customer requires special documentation please specify the following part numbers on your order:

444444-001 Special Requirements Checklist	$200
444444-002 Customer Required Docs	$200
444444-003 Source Inspection	$400
444444-004 Special Testing Procedures (Plus Cost)	$550
444444-005 Contractual Shipping Requirements	$325
444444-007 Certificate of Conformance	$200
444444-008 Third Party Certificates	$175
444444-009 Certificate of Origin	$200
444444-010 Mil-Spec Requirements	$200
444444-011 Electrical or Dimensional Checklist	$250
444444-012 Material Test Report	$300
444444-013 Positive Material Identification	$325
444444-444 Certificate of Origin - EXPORT	$300

444444-050 No VIQ - Contact Sales Rep

IF these prices are included in the product price, then these part numbers must be used on the order with price at no charge.

SE STRIP HEATERS 111

PCN	DESCRIPTION	SS	WT	D	PRICE
259995	SE-815M MONEL 120V1P 150W	NS	001	A	$130.00
130331	SE-3375 IRON S 120V1P 750W	NS	003	A	$96.00
130374	SE-3880 IRON S 120V1P 800W	NS	003	A	$108.00
130964	SE-54 HT S 240V1P 1500W	ST	005	A	$240.00
130980	SE-54 HT S 240V1P 2500W	ST	005	A	$240.00
144856	SE-54V HT S 480V1P 2500W	ST	005	A	$240.00
131000	SE-64 HT S 240V1P 1800W	ST	006	A	$274.00
131027	SE-64 HT S 240V1P 3000W	ST	006	A	$274.00
131035	SE-72 HT S 240V1P 2000W	ST	006	A	$304.00
131043	SE-72 HT S 240V1P 3300W	ST	006	A	$304.00

Additional Features

FOR SE STRIPS NOT LISTED, USE OT PRICE AND ADD NEW ITEM ENGINEERING CHARGE

PT STRIP HEATERS 112

PCN	DESCRIPTION	SS	WT	D	PRICE
131959	PT-512 IRON 120V1P 125W	ST	001	A	$54.50
257017	PT-512 IRON 240V1P 125W	ST	001	A	$54.50
131967	PT-615 IRON 120V1P 150W	ST	001	A	$56.50
131975	PT-615 IRON 240V1P 150W	ST	001	A	$56.50
132329	PT-502 HT S 120V1P 250W	ST	001	A	$69.50
257025	PT-502 HT S 240V1P 250W	ST	001	A	$69.50
132337	PT-603 HT S 120V1P 300W	ST	001	A	$70.50
132345	PT-603 HT S 240V1P 300W	ST	001	A	$70.50

Additional Features

FOR PT STRIPS NOT LISTED, USE OT PRICE AND ADD NEW ITEM ENGINEERING CHARGE

S STRIP HEATERS 113

PCN	DESCRIPTION	SS	WT	D	PRICE
131115	S-815 IRON S 120V1P 150W	ST	001	A	$55.50
131123	S-815 IRON S 240V1P 150W	ST	001	A	$55.50
131131	S-920 IRON S 120V1P 200W	ST	001	A	$58.50
131140	S-920 IRON S 240V1P 200W	ST	001	A	$58.50
131158	S-1225 IRON S 120V1P 250W	ST	001	A	$61.50
131166	S-1225 IRON S 240V1P 250W	ST	001	A	$61.50
131174	S-1430 IRON S 120V1P 300W	ST	001	A	$61.50
131182	S-1430 IRON S 240V1P 300W	ST	001	A	$61.50
131190	S-1532 IRON S 120V1P 325W	NS	001	A	$65.50
131203	S-1532 IRON S 240V1P 325W	NS	001	A	$65.50
131211	S-1837 IRON S 120V1P 375W	NS	002	A	$65.50
131220	S-1837 IRON S 240V1P 375W	ST	002	A	$65.50
131238	S-1850 IRON S 120V1P 500W	ST	002	A	$65.50
131246	S-1850 IRON S 240V1P 500W	ST	002	A	$65.50
131254	S-1950 IRON S 120V1P 500W	NS	002	A	$65.50
131262	S-1950 IRON S 240V1P 500W	NS	002	A	$65.50
131270	S-2050 IRON S 120V1P 500W	NS	002	A	$66.50
131289	S-2050 IRON S 240V1P 500W	NS	002	A	$66.50
131297	S-2425 IRON S 120V1P 250W	NS	002	A	$68.50
131300	S-2425 IRON S 240V1P 250W	NS	002	A	$68.50
131318	S-2450 IRON S 120V1P 500W	ST	002	A	$68.50
131326	S-2450 IRON S 240V1P 500W	ST	002	A	$68.50
256735	S-2450 IRON S 250V1P 500W	NS	002	A	$68.50
131334	S-2575 IRON S 120V1P 750W	NS	002	A	$73.50
131342	S-2575 IRON S 240V1P 750W	ST	002	A	$73.50
131350	S-2670 IRON S 120V1P 700W	NS	002	A	$76.50
131369	S-2670 IRON S 240V1P 700W	NS	002	A	$76.50
131377	S-3075 IRON S 120V1P 750W	NS	000	A	$87.00
131385	S-3075 IRON S 240V1P 750W	NS	002	A	$87.00
131393	S-3375 IRON S 120V1P 750W	NS	003	A	$96.00
131406	S-3375 IRON S 240V1P 750W	NS	003	A	$96.00
131414	S-3610 IRON S 120V1P 1000W	ST	003	A	$99.00
131422	S-3610 IRON S 240V1P 1000W	NS	003	A	$99.00
131430	S-3810 IRON S 120V1P 1000W	NS	003	A	$116.00
131449	S-3810 IRON S 240V1P 1000W	NS	003	A	$116.00
131457	S-4312 IRON S 120V1P 1250W	NS	003	A	$121.00
131465	S-4312 IRON S 240V1P 1250W	ST	003	A	$121.00
131473	S-802 HT S 120V1P 250W	NS	001	A	$72.50
131481	S-802 HT S 240V1P 250W	ST	001	A	$72.50
131490	S-903 HT S 120V1P 300W	NS	001	A	$73.50
131502	S-903 HT S 240V1P 300W	ST	001	A	$73.50
131510	S-1202 HT S 120V1P 250W	ST	001	A	$79.00
131529	S-1202 HT S 240V1P 250W	ST	001	A	$79.00
131537	S-1205 HT S 120V1P 500W	NS	001	A	$79.00
131545	S-1205 HT S 240V1P 500W	ST	001	A	$79.00
131553	S-1405 HT S 120V1P 500W	NS	001	A	$84.00
131561	S-1405 HT S 240V1P 500W	NS	001	A	$84.00
131570	S-1505 HT S 120V1P 500W	NS	001	A	$86.00
131588	S-1505 HT S 240V1P 500W	NS	001	A	$86.00
131596	S-1805 HT S 120V1P 500W	NS	002	A	$92.00
131617	S-1807 HT S 120V1P 750W	ST	002	A	$92.00
131633	S-1801 HT S 120V1P 1000W	NS	002	A	$92.00
131609	S-1805 HT S 240V1P 500W	NS	002	A	$92.00
131625	S-1807 HT S 240V1P 750W	ST	002	A	$92.00
131641	S-1801 HT S 240V1P 1000W	ST	002	A	$92.00
131650	S-1905 HT S 120V1P 500W	NS	002	A	$94.00
131676	S-1907 HT S 120V1P 750W	NS	002	A	$94.00
131692	S-1902 HT S 120V1P 1000W	NS	000	A	$94.00
131668	S-1905 HT S 240V1P 500W	NS	002	A	$94.00
131684	S-1907 HT S 240V1P 750W	ST	002	A	$94.00
131705	S-1901 HT S 240V1P 1000W	ST	002	A	$94.00
131713	S-2005 HT S 120V1P 500W	NS	000	A	$96.00
131721	S-2005 HT S 240V1P 500W	NS	002	A	$96.00
131730	S-2405 HT S 120V1P 500W	NS	002	A	$100.00
131748	S-2405 HT S 240V1P 500W	ST	002	A	$100.00
131756	S-2407 HT S 120V1P 750W	NS	002	A	$100.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
131764	S-2407 HT S 240V1P 750W	ST	002	A	$100.00
131772	S-2401 HT S 120V1P 1000W	ST	002	A	$100.00
131780	S-2401 HT S 240V1P 1000W	ST	002	A	$100.00
131799	S-2415 HT S 120V1P 1500W	ST	002	A	$100.00
131801	S-2415 HT S 240V1P 1500W	NS	002	A	$100.00
131810	S-2501 HT S 120V1P 1000W	NS	002	A	$104.00
131828	S-2501 HT S 240V1P 1000W	ST	002	A	$104.00
131836	S-2607 HT S 120V1P 750W	NS	002	A	$108.00
131844	S-2607 HT S 240V1P 750W	NS	002	A	$108.00
131852	S-3007 HT S 120V1P 750W	NS	002	A	$121.00
131860	S-3007 HT S 240V1P 750W	ST	002	A	$121.00
131879	S-3301 HT S 120V1P 1000W	NS	003	A	$129.00
131887	S-3301 HT S 240V1P 1000W	NS	003	A	$129.00
131895	S-3601 HT S 120V1P 1000W	NS	003	A	$138.00
131908	S-3601 HT S 240V1P 1000W	ST	003	A	$138.00
131916	S-3801 HT S 120V1P 1000W	NS	003	A	$147.00
131924	S-3801 HT S 240V1P 1000W	NS	003	A	$147.00
131932	S-4301 HT S 120V1P 1500W	NS	003	A	$160.00
131940	S-4301 HT S 240V1P 1500W	ST	003	A	$160.00

Additional Features

FOR S STRIPS NOT LISTED, USE OT PRICE AND ADD NEW ITEM ENGINEERING CHARGE

OT STRIP HEATERS 114

PCN	DESCRIPTION	SS	WT	D	PRICE
129314	OT-715 IRON 120V1P 150W	ST	001	A	$53.50
129322	OT-715 IRON 240V1P 150W	ST	001	A	$53.50
129330	OT-815 IRON 120V1P 150W	ST	001	A	$55.50
129349	OT-815 IRON 240V1P 150W	ST	001	A	$55.50
129357	OT-817 IRON 120V1P 175W	ST	001	A	$55.50
129365	OT-817 IRON 240V1P 175W	ST	001	A	$55.50
129509	OT-1850 IRON 240V1P 500W	ST	001	A	$63.50
129517	OT-1935 IRON 120V1P 350W	ST	002	A	$63.50
129525	OT-1935 IRON 240V1P 350W	ST	002	A	$63.50
129533	OT-1950 IRON 120V1P 500W	ST	002	A	$63.50
129541	OT-1950 IRON 240V1P 500W	ST	002	A	$63.50
129550	OT-2150 IRON 120V1P 500W	ST	002	A	$66.50
129568	OT-2150 IRON 240V1P 500W	ST	002	A	$66.50
129576	OT-2450 IRON 120V1P 500W	ST	002	A	$69.50
129584	OT-2450 IRON 240V1P 500W	ST	002	A	$69.50
129592	OT-2475 IRON 120V1P 750W	ST	002	A	$69.50
129605	OT-2475 IRON 240V1P 750W	ST	002	A	$69.50
121005	OT-2550 IRON 120V1P 500W	ST	002	A	$70.50
121013	OT-2550 IRON 240V1P 500W	ST	002	A	$70.50
121021	OT-2575 IRON 120V1P 750W	ST	002	A	$70.50
121030	OT-2575 IRON 240V1P 750W	ST	002	A	$70.50
121048	OT-2670 IRON 120V1P 700W	NS	002	A	$73.50
121056	OT-2670 IRON 240V1P 700W	ST	002	A	$75.50
121064	OT-2675 IRON 120V1P 750W	NS	002	A	$75.50
121072	OT-2675 IRON 240V1P 750W	ST	002	A	$75.50
121080	OT-3075 IRON 120V1P 750W	ST	002	A	$84.00
121099	OT-3075 IRON 240V1P 750W	ST	002	A	$84.00
121101	OT-3375 IRON 120V1P 750W	ST	003	A	$91.00
121110	OT-3375 IRON 240V1P 750W	ST	003	A	$91.00
121128	OT-3610 IRON 120V1P 1000W	ST	003	A	$95.00
121136	OT-3610 IRON 240V1P 1000W	ST	003	A	$95.00
121144	OT-3880 IRON 120V1P 800W	ST	003	A	$105.00
129373	OT-1025 IRON 120V1P 250W	ST	001	A	$56.50
129381	OT-1025 IRON 240V1P 250W	ST	001	A	$56.50
129390	OT-1225 IRON 120V1P 250W	ST	001	A	$56.50
129402	OT-1225 IRON 240V1P 250W	ST	001	A	$56.50
129410	OT-1430 IRON 120V1P 300W	ST	001	A	$60.50
129429	OT-1430 IRON 240V1P 300W	ST	001	A	$60.50
129437	OT-1532 IRON 120V1P 325W	ST	001	A	$63.50
129445	OT-1532 IRON 240V1P 325W	ST	001	A	$63.50
129453	OT-1835 IRON 120V1P 350W	ST	001	A	$63.50
129461	OT-1835 IRON 240V1P 350W	ST	001	A	$63.50
129470	OT-1837 IRON 120V1P 375W	ST	001	A	$63.50
129488	OT-1837 IRON 240V1P 375W	ST	001	A	$63.50
129496	OT-1850 IRON 120V1P 500W	ST	001	A	$63.50
121152	OT-3880 IRON 240V1P 800W	ST	003	A	$105.00
121160	OT-3810 IRON 120V1P 1000W	NS	003	A	$105.00
121179	OT-3810 IRON 240V1P 1000W	ST	003	A	$105.00
121187	OT-4312 IRON 120V1P 1250W	ST	003	A	$117.00
121195	OT-4312 IRON 240V1P 1250W	ST	003	A	$117.00
129613	OT-702 HT S 120V1P 200W	ST	001	A	$69.50
129621	OT-702 HT S 240V1P 200W	ST	001	A	$69.50
129630	OT-802 HT S 120V1P 250W	ST	001	A	$70.50
129648	OT-802 HT S 240V1P 250W	ST	001	A	$70.50
129656	OT-804 HT S 120V1P 400W	ST	001	A	$70.50
129664	OT-804 HT S 240V1P 400W	ST	001	A	$70.50
129672	OT-1003 HT S 120V1P 350W	ST	001	A	$75.50
129680	OT-1003 HT S 240V1P 350W	ST	001	A	$75.50
129699	OT-1004 HT S 120V1P 400W	NS	001	A	$75.50
129701	OT-1004 HT S 240V1P 400W	ST	001	A	$75.50
129710	OT-1202 HT S 120V1P 250W	ST	001	A	$76.50
129728	OT-1202 HT S 240V1P 250W	ST	001	A	$76.50
129736	OT-1203 HT S 120V1P 350W	ST	001	A	$76.50
129744	OT-1203 HT S 240V1P 350W	ST	001	A	$76.50
129752	OT-1205 HT S 120V1P 500W	ST	001	A	$76.50
129760	OT-1205 HT S 240V1P 500W	ST	001	A	$76.50
129779	OT-1405 HT S 120V1P 500W	ST	001	A	$81.00
129787	OT-1405 HT S 240V1P 500W	ST	001	A	$81.00
129795	OT-1505 HT S 120V1P 500W	ST	001	A	$83.00
129808	OT-1505 HT S 240V1P 500W	ST	001	A	$83.00
129816	OT-1805 HT S 120V1P 500W	ST	001	A	$88.00
129824	OT-1805 HT S 240V1P 500W	ST	001	A	$88.00
129832	OT-1807 HT S 120V1P 750W	ST	001	A	$88.00
129840	OT-1807 HT S 240V1P 750W	ST	001	A	$88.00
129859	OT-1801 HT S 120V1P 1000W	ST	001	A	$88.00
129867	OT-1801 HT S 240V1P 1000W	ST	001	A	$88.00
129875	OT-1905 HT S 120V1P 500W	ST	002	A	$92.00
129883	OT-1905 HT S 240V1P 500W	ST	002	A	$92.00
129891	OT-1907 HT S 120V1P 750W	ST	002	A	$92.00
129904	OT-1907 HT S 240V1P 750W	ST	002	A	$92.00
129912	OT-1901 HT S 120V1P 1000W	ST	002	A	$92.00
129920	OT-1901 HT S 240V1P 1000W	ST	002	A	$92.00
129939	OT-2107 HT S 120V1P 750W	ST	002	A	$97.00
129947	OT-2107 HT S 240V1P 750W	ST	002	A	$97.00
129955	OT-2405 HT S 120V1P 500W	ST	002	A	$101.00
129963	OT-2405 HT S 240V1P 500W	ST	002	A	$101.00
129971	OT-2407 HT S 120V1P 750W	ST	002	A	$101.00
129980	OT-2407 HT S 240V1P 750W	ST	002	A	$101.00
129998	OT-2401 HT S 120V1P 1000W	ST	002	A	$101.00
130008	OT-2401 HT S 240V1P 1000W	ST	002	A	$101.00
129226	OT-2415 HT S 120V1P 1500W	NS	002	A	$101.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
129234	OT-2415 HT S 240V1P 1500W	ST	002	A	$101.00
121208	OT-2507 HT S 120V1P 750W	NS	002	A	$104.00
121216	OT-2507 HT S 240V1P 750W	ST	002	A	$104.00
121224	OT-2501 HT S 120V1P 1000W	NS	002	A	$104.00
121232	OT-2501 HT S 240V1P 1000W	ST	002	A	$104.00
121240	OT-2601 HT S 120V1P 1000W	NS	002	A	$108.00
121259	OT-2601 HT S 240V1P 1000W	ST	002	A	$108.00
121267	OT-3007 HT S 120V1P 750W	ST	003	A	$115.00
121275	OT-3007 HT S 240V1P 750W	ST	002	A	$115.00
121283	OT-3001 HT S 120V1P 1000W	ST	002	A	$115.00
121291	OT-3001 HT S 240V1P 1000W	ST	002	A	$115.00
121304	OT-3012 HT S 240V1P 1250W	ST	002	A	$115.00
121312	OT-3307 HT S 120V1P 750W	ST	003	A	$125.00
121320	OT-3307 HT S 240V1P 750W	ST	003	A	$125.00
121339	OT-3601 HT S 120V1P 1500W	ST	003	A	$134.00
121347	OT-3601 HT S 240V1P 1500W	ST	003	A	$134.00
121355	OT-3801 HT S 120V1P 1000W	ST	003	A	$138.00
121363	OT-3801 HT S 240V1P 1000W	ST	003	A	$138.00
121371	OT-3815 HT S 120V1P 1500W	NS	003	A	$138.00
121380	OT-3815 HT S 240V1P 1500W	ST	003	A	$138.00
121398	OT-4315 HT S 120V1P 1500W	ST	003	A	$153.00
121400	OT-4315 HT S 240V1P 1500W	ST	003	A	$153.00
121419	OT-4813 HT S 240V1P 1350W	ST	004	A	$206.00
121427	OT-4822 HT S 240V1P 2250W	ST	004	A	$206.00

Additional Features

FOR OT STRIPS NOT LISTED, USE OT PRICE AND ADD NEW ITEM ENGINEERING CHARGE

ST,TH,STTH STRIP HEATERS 115

133102	ST-1003 120V1P 350W	NS	001	A	$86.00
133110	ST-1003 240V1P 350W	NS	001	A	$86.00
133129	ST-1205 120V1P 500W	NS	001	A	$87.00
133137	ST-1205 240V1P 500W	NS	001	A	$87.00
133145	ST-1505 120V1P 500W	NS	001	A	$93.00
133153	ST-1505 240V1P 500W	NS	001	A	$93.00
133161	ST-1807 120V1P 750W	NS	001	A	$101.00
133170	ST-1807 240V1P 750W	NS	001	A	$101.00
133188	ST-2401 120V1P 1000W	NS	002	A	$112.00
133196	ST-2401 240V1P 1000W	NS	002	A	$112.00
133356	TH-10 HT S 120V1P 400W	ST	001	A	$118.00
133364	TH-12 HT S 120V1P 500W	NS	001	A	$121.00
133372	TH-12 HT S 240V1P 500W	NS	001	A	$121.00
133380	TH-15 HT S 120V1P 750W	NS	001	A	$124.00
133399	TH-15 HT S 240V1P 750W	ST	001	A	$124.00
133401	TH-18 HT S 120V1P 1000W	NS	001	A	$131.00
133410	TH-18 HT S 240V1P 1000W	NS	001	A	$131.00
133428	TH-24 HT S 120V1P 1250W	NS	002	A	$144.00
133436	TH-24 HT S 240V1P 1250W	NS	002	A	$144.00
133444	TH-30 HT S 120V1P 1500W	NS	003	A	$196.00
133452	TH-30 HT S 240V1P 1500W	NS	003	A	$196.00
133460	TH-36 HT S 120V1P 1750W	NS	003	A	$215.00
133479	TH-36 HT S 240V1P 1750W	NS	003	A	$215.00
133487	TH-43 HT S 120V1P 1500W	NS	004	A	$236.00
133508	TH-43 HT S 120V1P 2000W	NS	004	A	$236.00
133495	TH-43 HT S 240V1P 1500W	NS	004	A	$236.00
133516	TH-43 HT S 240V1P 2000W	NS	004	A	$236.00
133524	TH-48 HT S 120V1P 1700W	NS	004	A	$271.00
133540	TH-48 HT S 120V1P 2250W	NS	004	A	$271.00
133532	TH-48 HT S 240V1P 1700W	NS	004	A	$271.00
133559	TH-48 HT S 240V1P 2250W	NS	004	A	$271.00
133567	TH-54 HT S 120V1P 2000W	NS	005	A	$294.00
133583	TH-54 HT S 120V1P 2500W	NS	005	A	$294.00
133575	TH-54 HT S 240V1P 2000W	NS	005	A	$294.00
133591	TH-54 HT S 240V1P 2500W	NS	005	A	$294.00
133604	TH-64 HT S 120V1P 2250W	NS	005	A	$331.00
133620	TH-64 HT S 120V1P 3000W	NS	005	A	$331.00
133612	TH-64 HT S 240V1P 2250W	NS	005	A	$330.00
133639	TH-64 HT S 240V1P 3000W	NS	005	A	$331.00
133647	TH-72 HT S 240V1P 2500W	NS	006	A	$371.00
133655	TH-72 HT S 240V1P 3300W	NS	006	A	$371.00
141452	STTH-2307 120V1P 750W	NS	002	A	$173.00
141460	STTH-2307 240V1P 750W	NS	002	A	$173.00
141479	STTH-2401 120V1P 1000W	NS	002	A	$173.00
141487	STTH-2401 240V1P 1000W	NS	002	A	$173.00

SN,NH, SNH STRIP HEATERS 115

132919	SN-910 IRON 120V1P 100W	ST	001	A	$75.50
132927	SN-1015 IRON 120V1P 150W	NS	001	A	$78.00
132935	SN-1215 IRON 120V1P 150W	ST	001	A	$78.00
132943	SN-1520 IRON 120V1P 200W	ST	001	A	$83.00
132951	SN-1520 IRON 240V1P 200W	NS	001	A	$83.00
132960	SN-1825 IRON 120V1P 250W	ST	001	A	$88.00
132978	SN-1825 IRON 240V1P 250W	NS	001	A	$88.00
132986	SN-2430 IRON 120V1P 300W	NS	001	A	$98.00
132994	SN-2430 IRON 240V1P 300W	ST	001	A	$98.00
133006	SN-3045 IRON 120V1P 450W	ST	001	A	$112.00
133014	SN-3045 IRON 240V1P 450W	NS	001	A	$112.00
133022	SN-3660 IRON 120V1P 600W	NS	002	A	$131.00
133030	SN-3660 IRON 240V1P 600W	NS	002	A	$131.00
133209	NH-08 HT S 120V1P 250W	NS	001	A	$80.00
133217	NH-09 HT S 120V1P 300W	NS	001	A	$82.00
133225	NH-11 HT S 120V1P 350W	NS	001	A	$85.00
133233	NH-12 HT S 120V1P 400W	NS	001	A	$88.00
133241	NH-14 HT S 120V1P 450W	NS	001	A	$92.00
133250	NH-15 HT S 120V1P 500W	NS	001	A	$92.00
133268	NH-15 HT S 240V1P 500W	NS	001	A	$92.00
133276	NH-18 HT S 120V1P 600W	NS	001	A	$142.00
133284	NH-18 HT S 240V1P 600W	NS	001	A	$142.00
133292	NH-19 HT S 120V1P 700W	NS	001	A	$142.00
133305	NH-19 HT S 240V1P 700W	NS	001	A	$142.00
133313	NH-21 HT S 120V1P 750W	NS	001	A	$144.00
133321	NH-21 HT S 240V1P 750W	NS	001	A	$144.00
133330	NH-24 HT S 120V1P 800W	NS	001	A	$157.00
133348	NH-24 HT S 240V1P 800W	NS	001	A	$157.00
133727	SNH-08 HT S 120V1P 250W	ST	001	A	$78.00
133735	SNH-09 HT S 120V1P 300W	ST	001	A	$79.00
133743	SNH-11 HT S 120V1P 350W	ST	001	A	$82.00
133751	SNH-12 HT S 120V1P 400W	ST	001	A	$86.00
133760	SNH-12 HT S 240V1P 400W	ST	001	A	$86.00
133778	SNH-14 HT S 120V1P 450W	NS	001	A	$89.00
133786	SNH-14 HT S 240V1P 450W	NS	001	A	$89.00
133794	SNH-15 HT S 120V1P 500W	ST	001	A	$91.00
133807	SNH-15 HT S 240V1P 500W	NS	001	A	$91.00
133815	SNH-18 HT S 120V1P 600W	ST	001	A	$98.00
133823	SNH-18 HT S 240V1P 600W	NS	001	A	$98.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
133831	SNH-19 HT S 120V1P 600W	NS	001	A	$138.00
133840	SNH-19 HT S 240V1P 600W	NS	001	A	$138.00
133858	SNH-21 HT S 120V1P 750W	NS	001	A	$139.00
133866	SNH-21 HT S 240V1P 750W	NS	001	A	$139.00
133874	SNH-22 HT S 120V1P 750W	NS	001	A	$142.00
133882	SNH-22 HT S 240V1P 750W	ST	001	A	$142.00
133890	SNH-24 HT S 120V1P 800W	NS	001	A	$153.00
133903	SNH-24 HT S 240V1P 800W	NS	001	A	$153.00
133911	SNH-25 HT S 120V1P 900W	NS	001	A	$153.00
133920	SNH-25 HT S 240V1P 900W	NS	001	A	$153.00
133938	SNH-27 HT S 120V1P 900W	NS	001	A	$157.00
133946	SNH-27 HT S 240V1P 900W	NS	001	A	$157.00
133954	SNH-28 HT S 120V1P 1000W	NS	001	A	$158.00
133962	SNH-28 HT S 240V1P 1000W	ST	001	A	$158.00
133970	SNH-30 HT S 120V1P 1000W	NS	001	A	$178.00
133989	SNH-30 HT S 240V1P 1000W	ST	001	A	$178.00
133997	SNH-33 HT S 120V1P 1000W	NS	002	A	$190.00
134009	SNH-33 HT S 240V1P 1000W	NS	002	A	$190.00
134017	SNH-36 HT S 120V1P 1000W	NS	002	A	$197.00
134025	SNH-36 HT S 240V1P 1000W	NS	002	A	$197.00
134033	SNH-38 HT S 120V1P 1250W	NS	002	A	$203.00
134041	SNH-38 HT S 240V1P 1250W	NS	002	A	$203.00
134050	SNH-40 HT S 120V1P 1250W	NS	002	A	$209.00
134068	SNH-40 HT S 240V1P 1250W	NS	002	A	$209.00
134076	SNH-43 HT S 120V1P 1250W	NS	002	A	$217.00
134084	SNH-43 HT S 240V1P 1250W	NS	002	A	$217.00
134092	SNH-44 HT S 120V1P 1250W	NS	002	A	$239.00
134105	SNH-44 HT S 240V1P 1250W	NS	002	A	$239.00
134113	SNH-46 HT S 120V1P 1500W	NS	002	A	$244.00
134121	SNH-46 HT S 240V1P 1500W	NS	002	A	$244.00
134130	SNH-48 HT S 120V1P 1500W	NS	002	A	$244.00
134148	SNH-48 HT S 240V1P 1500W	NS	002	A	$249.00
134156	SNH-51 HT S 120V1P 1500W	NS	003	A	$282.00
134164	SNH-51 HT S 240V1P 1500W	NS	003	A	$282.00
134172	SNH-54 HT S 120V1P 1500W	NS	003	A	$283.00
134180	SNH-54 HT S 240V1P 1500W	NS	003	A	$283.00

SSE, SSN STRIP HEATERS 117

141495	SSE-820 120V1P 200W	NS	001	A	$96.00
141508	SSE-1027 120V1P 275W	NS	001	A	$98.00
141516	SSE-1027 240V1P 275W	NS	001	A	$98.00
141524	SSE-1232 120V1P 320W	NS	001	A	$101.00
141532	SSE-1232 240V1P 320W	NS	001	A	$101.00
141540	SSE-1437 120V1P 375W	NS	001	A	$104.00
141559	SSE-1437 240V1P 375W	NS	001	A	$104.00
141567	SSE-1541 120V1P 415W	NS	001	A	$105.00
141575	SSE-1541 240V1P 415W	NS	001	A	$105.00
141583	SSE-1849 120V1P 500W	NS	002	A	$109.00
141591	SSE-1849 240V1P 500W	NS	002	A	$109.00
141604	SSE-1955 120V1P 550W	NS	002	A	$114.00
141612	SSE-1955 240V1P 550W	NS	002	A	$114.00
141620	SSE-2060 120V1P 625W	NS	002	A	$118.00
141639	SSE-2060 240V1P 625W	NS	002	A	$118.00
141647	SSE-2467 120V1P 750W	NS	002	A	$120.00
141655	SSE-2467 240V1P 750W	NS	002	A	$120.00
141663	SSE-2572 120V1P 800W	NS	002	A	$125.00
141671	SSE-2572 240V1P 800W	NS	002	A	$125.00
141680	SSE-3085 120V1P 1000W	NS	003	A	$142.00
141698	SSE-3085 240V1P 1000W	NS	003	A	$142.00
141700	SSE-3392 120V1P 1250W	NS	003	A	$150.00
141719	SSE-3392 240V1P 1250W	NS	003	A	$150.00
141727	SSE-3611 120V1P 1500W	NS	003	A	$166.00
141735	SSE-3611 240V1P 1500W	NS	003	A	$166.00
141743	SSE-3817 120V1P 1500W	NS	003	A	$178.00
141751	SSE-3817 240V1P 1500W	NS	003	A	$178.00
141760	SSE-4315 120V1P 1500W	NS	004	A	$203.00
141778	SSE-4315 240V1P 1500W	NS	004	A	$203.00
141786	SSE-4816 120V1P 1650W	NS	005	A	$232.00
141794	SSE-4816 240V1P 1650W	NS	005	A	$232.00
141807	SSE-5418 120V1P 1875W	NS	005	A	$269.00
141815	SSE-5418 240V1P 1875W	NS	005	A	$269.00
141823	SSE-6422 240V1P 2250W	NS	005	A	$334.00
141831	SSE-7225 240V1P 2550W	NS	006	A	$387.00
141840	SSEM-820 120V1P 200W	NS	001	A	$859.00
141858	SSEM-1027 120V1P 275W	NS	001	A	$878.00
141866	SSEM-1027 240V1P 275W	NS	001	A	$878.00
141874	SSEM-1232 120V1P 320W	NS	001	A	$884.00
141882	SSEM-1232 240V1P 320W	NS	001	A	$884.00
141890	SSEM-1437 120V1P 375W	NS	001	A	$907.00
141903	SSEM-1437 240V1P 375W	NS	001	A	$907.00
141911	SSEM-1541 120V1P 415W	NS	001	A	$907.00
141920	SSEM-1541 240V1P 415W	NS	001	A	$907.00
141938	SSEM-1849 120V1P 500W	NS	002	A	$954.00
141946	SSEM-1849 240V1P 500W	NS	002	A	$954.00
141954	SSEM-1955 120V1P 550W	NS	002	A	$995.00
141962	SSEM-1955 240V1P 550W	NS	002	A	$995.00
141970	SSEM-2060 120V1P 625W	NS	002	A	$1012.00
141989	SSEM-2060 240V1P 625W	NS	002	A	$1012.00
141997	SSEM-2467 120V1P 750W	NS	002	A	$1031.00
142009	SSEM-2467 240V1P 750W	NS	002	A	$1031.00
142017	SSEM-2572 120V1P 800W	NS	002	A	$1083.00
142025	SSEM-2572 240V1P 800W	NS	002	A	$1083.00
142033	SSEM-3085 120V1P 1000W	NS	003	A	$1224.00
142041	SSEM-3085 240V1P 1000W	NS	003	A	$1224.00
142050	SSEM-3392 120V1P 1250W	NS	003	A	$1285.00
142068	SSEM-3392 240V1P 1250W	NS	003	A	$1285.00
142076	SSEM-3611 120V1P 1500W	NS	003	A	$1432.00
142084	SSEM-3611 240V1P 1500W	NS	003	A	$1432.00
142092	SSEM-3817 120V1P 1500W	NS	003	A	$1545.00
142105	SSEM-3817 240V1P 1500W	NS	003	A	$1551.00
142113	SSEM-4315 120V1P 1500W	NS	004	A	$1793.00
142121	SSEM-4315 240V1P 1500W	NS	004	A	$1798.00
142130	SSEM-4816 120V1P 1650W	NS	005	A	$2042.00
142148	SSEM-4816 240V1P 1650W	NS	005	A	$2047.00
142156	SSEM-5418 120V1P 1875W	NS	005	A	$2431.00
142164	SSEM-5418 240V1P 1875W	NS	005	A	$2431.00
142172	SSEM-6422 240V1P 2250W	NS	005	A	$2974.00
142180	SSEM-7225 240V1P 2550W	NS	006	A	$3437.00
142842	SSNHM-08 120V1P 200W	NS	001	A	$794.00
142850	SSNHM-09 120V1P 275W	NS	001	A	$824.00
142869	SSNHM-11 120V1P 300W	NS	001	A	$829.00
142877	SSNHM-12 120V1P 320W	NS	001	A	$848.00
142885	SSNHM-12 240V1P 320W	NS	001	A	$848.00
142893	SSNHM-14 120V1P 375W	NS	001	A	$878.00

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This pricing supercedes all prior MIPL releases.

PCN	DESCRIPTION	SS	WT	D	PRICE
142906	SSNHM-14 240V1P 375W	NS	001	A	$878.00
142914	SSNHM-15 120V1P 415W	NS	001	A	$889.00
142922	SSNHM-15 240V1P 415W	NS	001	A	$889.00
142930	SSNHM-18 120V1P 495W	NS	001	A	$907.00
142949	SSNHM-18 240V1P 495W	NS	001	A	$907.00
142957	SSNHM-19 120V1P 550W	NS	001	A	$942.00
142965	SSNHM-19 240V1P 550W	NS	001	A	$942.00
142973	SSNHM-21 120V1P 600W	NS	001	A	$954.00
142981	SSNHM-21 240V1P 600W	NS	001	A	$954.00
142990	SSNHM-22 120V1P 625W	NS	001	A	$978.00
143001	SSNHM-22 240V1P 625W	NS	001	A	$978.00
143010	SSNHM-24 120V1P 675W	NS	001	A	$1001.00
143028	SSNHM-24 240V1P 675W	NS	001	A	$1001.00
143036	SSNHM-25 120V1P 725W	NS	001	A	$1090.00
143044	SSNHM-25 240V1P 725W	NS	001	A	$1090.00
143052	SSNHM-27 120V1P 800W	NS	002	A	$1126.00
143060	SSNHM-27 240V1P 800W	NS	002	A	$1126.00

Seamless strips made without tabs. See special features if tabs are required.

NS, NSL STRIP HEATERS 118

129250	NS-1205 120V1P 500W	ST	001	A	$113.00
142199	NS-1205 240V1P 500W	NS	001	A	$113.00
142201	NS-1405 120V1P 500W	NS	001	A	$119.00
129269	NS-1405 240V1P 500W	ST	001	A	$119.00
142210	NS-1505 120V1P 500W	NS	001	A	$121.00
142228	NS-1505 240V1P 500W	NS	001	A	$121.00
142236	NS-1807 120V1P 750W	NS	001	A	$128.00
142244	NS-1807 240V1P 750W	NS	001	A	$128.00
142252	NS-1801 120V1P 1000W	NS	001	A	$128.00
142260	NS-1801 240V1P 1000W	NS	001	A	$128.00
142279	NS-1801 480V1P 1000W	NS	001	A	$128.00
142287	NS-1901 120V1P 1000W	NS	001	A	$135.00
129277	NS-1901 240V1P 1000W	ST	001	A	$135.00
142295	NS-1901 480V1P 1000W	NS	001	A	$135.00
142308	NS-2001 120V1P 1100W	NS	001	A	$140.00
142316	NS-2001 240V1P 1100W	NS	001	A	$140.00
142332	NS-2401 120V1P 1200W	NS	001	A	$142.00
142340	NS-2401 240V1P 1200W	NS	001	A	$148.00
142359	NS-2401 480V1P 1200W	NS	001	A	$148.00
142367	NS-2501 120V1P 1300W	NS	001	A	$152.00
142375	NS-2501 240V1P 1300W	NS	001	A	$152.00
142383	NS-2501 480V1P 1300W	NS	001	A	$152.00
142391	NS-2601 120V1P 1400W	NS	001	A	$155.00
129285	NS-2601 240V1P 1400W	ST	001	A	$155.00
142404	NS-2601 480V1P 1400W	NS	001	A	$155.00
142412	NS-3015 120V1P 1500W	NS	001	A	$166.00
142420	NS-3015 240V1P 1500W	NS	001	A	$166.00
142439	NS-3015 480V1P 1500W	NS	001	A	$166.00
142447	NS-3301 120V1P 1500W	NS	001	A	$180.00
142455	NS-3301 240V1P 1500W	ST	001	A	$180.00
142463	NS-3301 480V1P 1500W	NS	001	A	$180.00
142471	NS-3601 120V1P 1850W	NS	001	A	$192.00
142480	NS-3601 240V1P 1850W	NS	001	A	$192.00
142498	NS-3601 480V1P 1850W	NS	001	A	$192.00
142500	NS-3802 120V1P 2000W	NS	001	A	$197.00
142519	NS-3802 240V1P 2000W	NS	001	A	$197.00
142527	NS-3802 480V1P 2000W	NS	001	A	$197.00
142535	NS-4302 120V1P 2100W	NS	002	A	$217.00
142543	NS-4302 240V1P 2100W	NS	002	A	$217.00
142551	NS-4302 480V1P 2100W	NS	002	A	$217.00
142560	NS-4827 120V1P 2700W	NS	002	A	$295.00
142578	NS-4827 240V1P 2700W	NS	002	A	$295.00
142586	NS-4827 480V1P 2700W	NS	002	A	$295.00
142594	NS-5403 240V1P 3000W	ST	002	A	$331.00
142607	NS-5403 480V1P 3000W	NS	002	A	$331.00
165462	NSL-1205 120V1P 500W	NS	001	A	$144.00
165470	NSL-1205 240V1P 500W	NS	001	A	$144.00
165489	NSL-1405 120V1P 500W	NS	001	A	$151.00
165497	NSL-1405 240V1P 500W	NS	001	A	$151.00
165550	NSL-1505 120V1P 500W	NS	001	A	$152.00
165518	NSL-1505 240V1P 500W	NS	001	A	$152.00
165526	NSL-1807 120V1P 750W	NS	001	A	$160.00
144928	NSL-1807 240V1P 750W	ST	001	A	$160.00
165534	NSL-1801 120V1P 1000W	NS	001	A	$160.00
165542	NSL-1801 240V1P 1000W	NS	001	A	$160.00
165876	NSL-1801 480V1P 1000W	NS	001	A	$160.00
165569	NSL-1901 120V1P 1000W	NS	001	A	$168.00
165577	NSL-1901 240V1P 1000W	NS	001	A	$168.00
165585	NSL-1901 480V1P 1000W	NS	001	A	$168.00
165593	NSL-2001 120V1P 1100W	NS	001	A	$173.00
165606	NSL-2001 240V1P 1100W	NS	001	A	$173.00
165614	NSL-2001 480V1P 1100W	NS	001	A	$173.00
165622	NSL-2401 120V1P 1200W	NS	001	A	$178.00
144936	NSL-2401 240V1P 1200W	ST	001	A	$178.00
165630	NSL-2401 480V1P 1200W	NS	001	A	$178.00
165649	NSL-2501 120V1P 1300W	NS	001	A	$180.00
165657	NSL-2501 240V1P 1300W	NS	001	A	$180.00
165665	NSL-2501 480V1P 1300W	NS	001	A	$180.00
165673	NSL-2601 120V1P 1400W	NS	001	A	$185.00
144944	NSL-2601 240V1P 1400W	ST	001	A	$185.00
165681	NSL-2601 480V1P 1400W	NS	001	A	$185.00
165690	NSL-3015 120V1P 1500W	NS	001	A	$196.00
165702	NSL-3015 240V1P 1500W	NS	001	A	$196.00
165710	NSL-3015 480V1P 1500W	NS	001	A	$196.00
165729	NSL-3301 120V1P 1500W	NS	001	A	$211.00
144952	NSL-3301 240V1P 1500W	NS	001	A	$211.00
165737	NSL-3301 480V1P 1500W	NS	001	A	$211.00
165745	NSL-3601 120V1P 1850W	NS	001	A	$225.00
144960	NSL-3601 240V1P 1850W	ST	001	A	$225.00
165753	NSL-3601 480V1P 1850W	NS	001	A	$225.00
165761	NSL-3802 120V1P 2000W	NS	001	A	$232.00
165770	NSL-3802 240V1P 2000W	NS	001	A	$232.00
165788	NSL-3802 480V1P 2000W	NS	001	A	$232.00
165796	NSL-4302 120V1P 2100W	NS	002	A	$249.00
165809	NSL-4302 240V1P 2100W	NS	002	A	$249.00
165817	NSL-4302 480V1P 2100W	NS	002	A	$249.00
165825	NSL-4827 120V1P 2700W	NS	002	A	$333.00
165833	NSL-4827 240V1P 2700W	NS	002	A	$333.00
165841	NSL-4827 480V1P 2700W	NS	002	A	$333.00
165850	NSL-5403 240V1P 3000W	NS	002	A	$370.00
165868	NSL-5403 480V1P 3000W	NS	002	A	$370.00

NSA STRIP HEATERS 118

THICK SEAMLESS STRIP HEATERS

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PCN	DESCRIPTION	SS	WT	D	PRICE
328292	NSA-711 120V 125W	NS	001	A	$71.50
328305	NSA-1013 120V 300W	NS	001	A	$75.50
328348	NSA-1123 240V 350W	NS	001	A	$78.00
328321	NSA-1422 240V 200W	NS	001	A	$82.00
328313	NSA-1412 120V 200W	NS	001	A	$82.00
328330	NSA-1624 240V 400W	NS	001	A	$85.00

Added Features-Type NS Only

1. Terminal end bend of 15 deg. add	$15
2. Molded Neoprene Terminals (NS only). Price includes seal weld end opposite terminals	$35
Min extra charge	$100
3. Extra ceramic terminal blocks if required specify P/N 303-047028-001	$2
4. For special length use next longer heater list price and add new item engineering charge	
5. Alternate lead wire terminal with 10" leads	$10
6. Additional lead length beyond 10", add per foot or fraction	$3

Added Features for All Strip Heaters

1. New Item Engineering Charge added to list (per new part pro-rated over quantity). No charge applies if total line value exceeds minimum.	$100
Minimum order line value for no charge	$500
2. Special Wattage Distribution all types except TH, WS and NS. Add percentage to list plus new item engineering charge	5%
3. List adder for lengthwise bending types as listed	$45
Minimum Inside Bend Radii:	
- S, SE, OT, PT, TH, NH, SNH, SN, ST, NS - 3 inch	
- SSE, SSEM, SSNHM - 6 inch (180 deg. max bend for SSEM and SSNHM monel sheath)	
- WS - 4 1/4 inch	
4. List adder for extra strong mounting tabs and lengthwise bending (includes cost of lengthwise bending)	
5. Cross-section curving	
Type SE only to 1-3/16 inch, 1-7/16 inch, 1-3/4 inch, 2-1/4 inch, 3-5/16 inch, 4-5/16 inch, 6-5/16 inch and 8-3/4 inch inside radii	$14
Additional adder per line item for type SE	$50
6. Special Lengths for OT, PT, SE, SN and SNH only, use list price of next longer heater plus New Item Engineering Charge. Also, as a separate item, add a set-up charge of $300.00 net for each line	
Additional set-up charge for OT, PT, SE, SN and SNH	$300
7. Check factory for special length terminals on all types except NS	
8. List adder per heater to remove mounting tab.	$5
9. List adder per heater to add tabs to types SSE, SSEM & SSNHM seamless strips (standard without tabs)	$8
10. Per foot adder for shim on types OT, PT, S, SE, TH	$2
Minimum line item charge for shims	$25
11. Flush lid construction (SE strip only dual contact surface)	$17
12. Fluid lid construction for Monel sheath types OT, PT, SE, S and WS consult factory	
13. 304 Stainless steel sheath adder for all types except NS (add to base price)	35%
Additional set-up charge for each line for 304 stainless steel sheath	$300
14. Protective terminal covers (specify position of threaded opening)	
Type SSE and SSNH	$25
Type SSEM and SSNHM	$35
For OT use OT-AC-1, type PT use PT-AC-1, type SE use SE-AC-1. See accessories below for PCN and price adder.	
15. Secondary insulation bushings 255716. See accessories below.	
16. Punching stock heaters for secondary insulation only when the bushings are not required	$2
17. Ceramic post terminal insulators for all types except NS and SN, use part no. 6-41059 (one set required per heater) use PCN 259805. See accessories below.	
18. Adder for special lead wire terminal construction (each)	$25
Adder per foot or fraction of for lengths longer than 10 inches	$4
Minimum line item charge for custom lead lengths	$100

PCN	DESCRIPTION	SS	WT	D	PRICE
	19. List adder per mounting hole in WS strips 21/64 inch dia only				$17
	20. Mounting terminal boxes on nonstock heaters (per heater list)				$6
	21. Tabs bent at 90 deg angle for under 30 inch strips, no charge				$9
	Per unit list charge for 30 Inch strip and over				$3
	22. For SE and PT strips not listed, use OT price plus special voltage charge.				
	23. Butt weld strips (per unit)				$35
	24. Fahnstock Terminal Construction (per unit)				$17

ACCESSORIES 119

129242	OT-AC-1 TERM COVER	ST	001	A	$26.75
255724	PT-AC-1 PROT TERM COVER	ST	001	A	$26.75
256727	SE-AC-1 PROT TERM COVER	ST	001	A	$26.75
121890	SBK-2 SIL BT TERM KIT	ST	001	A	$25.50
386011	SBKT-1SIL BT TERM KIT W/STAT	ST	001	A	$67.50
386020	SBKT-2SIL BT TERM KIT W/STAT	ST	001	A	$67.50
386038	SBKT-3SIL BT TERM KIT W/STAT	ST	001	A	$67.50
255716	SEC INS BUSH (2)SETS N.P. HDW	ST	001	A	$17.50
255732	PN8-41059 CER PST TCVR SS HDW (Set 2)	ST	001	A	$18.50
259805	PN6-41059 CERAMIC POST TERM CV (Set 2)	ST	001	A	$17.50
263636	5971 CLAMP - PN005971-001	ST	001	A	$12.25
263644	6933 CLAMP - PN006933-001	ST	001	A	$18.50
263652	5970 CLAMP - PN005970-001	ST	001	A	$15.50
263660	6240A CLAMP - BP-6240-001	NS	001	A	$9.25
263978	6018 CLAMP - PN006018-001	ST	001	A	$11.25
346124	Solid Monel Buss Bar 0.5x0.032	ST	002	A	$10.25
346132	Solid Monel Buss Bar 0.5x0.64	ST	003	A	$10.25
346140	Perforated Monel Buss Bar 0.5x0.032	ST	004	A	$13.50
346159	Perforated Monel Buss Bar 0.5x0.064	ST	005	A	$13.50

WIRE 850

263759	3-CFI-16 16 GAGE WIRE STRANDED	NS	000	A	$4.25
263740	3-CSI-16 16 GAGE WIRE SOLID	NS	000	A	$4.25
263732	3-CFI-14 14 GAGE WIRE STRANDED	NS	000	A	$5.25
263716	3-CFI-12 12 GAGE WIRE STRANDED	ST	000	A	$6.25
263708	3-CSI-12 12 GAGE WIRE SOLID	ST	000	A	$5.25
263695	3-CFI-10 10 GAGE WIRE STRANDED	NS	000	A	$8.25
263687	3-CSI-10 10 GAGE WIRE SOLID	NS	000	A	$6.25
263679	3-CFI-8 8 GAGE WIRE STRANDED	NS	000	A	$10.25
263791	6-CFI-14 14 GAGE WIRE STRANDED	ST	000	A	$9.25
295398	6-CSI-14 14 GAGE WIRE SOLID	NS	000	A	$9.25
263783	6-CFI-12 12 GAGE WIRE STRANDED	ST	000	A	$10.25
295400	6-CSI-12 12 GAGE WIRE SOLID	ST	000	A	$11.25
263775	6-CFI-10 10 GAGE WIRE STRANDED	ST	000	A	$13.50
295419	6-CSI-10 10 GAGE WIRE SOLID	NS	000	A	$14.50
263767	6-CFI-8 8 GAGE WIRE STRANDED	ST	000	A	$18.50
269253	3-AFI-14 14 GAGE WIRE STRANDED	ST	000	A	$6.25
269237	3-AFI-12 12 GAGE WIRE STRANDED	ST	000	A	$6.25
269210	3-AFI-10 10 GAGE WIRE STRANDED	ST	000	A	$7.25
295355	6-CFIM-16 16 GAGE ROCKBESTOS	ST	000	A	$10.25
295363	6-CFIM-14 14 GAGE ROCKBESTOS	NS	000	A	$12.25
295371	6-CFIM-12 12 GAGE ROCKBESTOS	NS	000	A	$17.50
295380	6-CFIM-10 10 GAGE ROCKBESTOS	ST	000	A	$18.50
263804	CSB-8 8 GAGE WIRE SOLID	NS	000	A	$4.25
263812	CSB-10 10 GAGE WIRE SOLID	NS	000	A	$2.25
263839	CSB-14 14 GAGE WIRE SOLID	NS	000	A	$2.25
269780	BUS BAR PORCINSUL PER POUND	NS	000	C	$0.00
263863	3/8OD X 1/8ID X 6"LG PORC TUBE	ST	000	A	$4.25
263880	N02 PORCELAIN BEADS	ST	000	A	$239.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
263900	3 PORCELAIN BEAD FOR 12 GA. WI	ST	000	C	$157.00
263927	4 PORCELAIN BEAD FOR 8 GA. WIR	ST	000	A	$83.00
263943	N05 PORCELAIN BEADS	NS	000	A	$175.00
263960	N06 PORCELAIN BEADS	NS	000	A	$29.75
269317	AFB-14 14 GAGE WIRE STRANDED	NS	000	A	$6.25
269309	ASB-14 14 GAGE WIRE SOLID	ST	000	A	$4.25
269296	AFB-12 12 GAGE WIRE STRANDED	NS	000	A	$6.25
269288	ASB-12 12 GAGE WIRE SOLID	ST	000	A	$4.25
269270	AFB-10 10 GAGE WIRE STRANDED	NS	000	A	$7.25
269261	ASB-10 10 GAGE WIRE SOLID	ST	000	A	$5.25

Wire and bus bars are priced per foot, porcelain beeds are priced per lb. and porcelain tubing is priced per piece.

PNO MOUNTING STUDS 119

127837	PNO48851-119 5/16- 18X2 MONEL	ST	001	A	$3.25
127845	PNO48851-113 5/16- 18X1-1/2MS	ST	001	A	$3.25
265340	SC-820-20	ST	001	A	$28.75
265367	SC-820-26	NS	001	A	$34.75
265375	SC-820-30	NS	001	A	$37.75
265383	SC-820-34	NS	001	A	$43.00
265391	SC-820-36	NS	001	A	$44.00
265404	SC-820-40	NS	001	A	$49.00
265412	SC-820-46	NS	001	A	$54.50
127853	PNO75522-022 5/16- 18MON NUTS	ST	001	A	$2.25
127861	PNO75528-095 5/16 STL WASHER	ST	001	A	$2.25

A RING HEATERS 121

135239	A-00 HT RING120V1P 125W	ST	001	A	$60.50
135247	A-00 HT RING120V1P 150W	ST	001	A	$60.50
135255	A-00 HT RING120V1P 200W	ST	001	A	$60.50
135263	A-10 HT RING120V1P 200W	ST	001	A	$60.50
135271	A-10 HT RING120V1P 250W	ST	001	A	$60.50
135280	A-10 HT RING120V1P 300W	ST	001	A	$60.50
135298	A-15 HT RING120V1P 200W	ST	001	A	$60.50
135319	A-15 HT RING120V1P 300W	ST	001	A	$60.50
135335	A-15 HT RING120V1P 350W	ST	001	A	$60.50
135300	A-15 HT RING240V1P 200W	ST	001	A	$60.50
135327	A-15 HT RING240V1P 300W	ST	001	A	$60.50
135343	A-15 HT RING240V1P 350W	ST	001	A	$60.50
135351	A-20 HT RING120V1P 300W	ST	001	A	$60.50
135378	A-20 HT RING120V1P 400W	ST	001	A	$60.50
135394	A-20 HT RING120V1P 500W	ST	001	A	$60.50
135360	A-20 HT RING240V1P 300W	ST	001	A	$60.50
135386	A-20 HT RING240V1P 400W	ST	001	A	$60.50
135407	A-20 HT RING240V1P 500W	ST	001	A	$60.50
135474	A-30 HT RING120V1P 450W	ST	001	A	$63.50
135490	A-30 HT RING120V1P 500W	ST	001	A	$63.50
135511	A-30 HT RING120V1P 550W	ST	001	A	$63.50
135482	A-30 HT RING240V1P 450W	ST	001	A	$63.50
135503	A-30 HT RING240V1P 500W	ST	001	A	$63.50
135520	A-30 HT RING240V1P 550W	ST	001	A	$63.50
135597	A-40 HT RING120V1P 500W	ST	001	A	$75.50
135618	A-40 HT RING120V1P 660W	ST	001	A	$75.50
135634	A-40 HT RING120V1P 750W	ST	001	A	$75.50
135600	A-40 HT RING240V1P 500W	ST	001	A	$75.50
135626	A-40 HT RING240V1P 660W	ST	001	A	$75.50
135642	A-40 HT RING240V1P 750W	ST	001	A	$75.50
135714	A-50 HT RING120V1P 400W	ST	001	A	$78.00

PCN	DESCRIPTION	SS	WT	D	PRICE
135730	A-50 HT RING120V1P 450W	NS	001	A	$78.00
135757	A-50 HT RING120V1P 500W	ST	001	A	$78.00
135722	A-50 HT RING240V1P 400W	ST	001	A	$78.00
135749	A-50 HT RING240V1P 450W	NS	001	A	$78.00
135765	A-50 HT RING240V1P 500W	ST	001	A	$78.00
135837	A-65 HT RING120V1P 660W	ST	001	A	$80.00
135853	A-65 HT RING120V1P 750W	ST	001	A	$80.00
135870	A-65 HT RING120V1P 1000W	ST	001	A	$80.00
135845	A-65 HT RING240V1P 660W	NS	001	A	$80.00
135861	A-65 HT RING240V1P 750W	ST	001	A	$80.00
135888	A-65 HT RING240V1P 1000W	ST	001	A	$80.00
135950	A-60 HT RING120V1P 500W	ST	001	A	$87.00
135976	A-60 HT RING120V1P 660W	NS	001	A	$87.00
135992	A-60 HT RING120V1P 750W	ST	001	A	$87.00
135968	A-60 HT RING240V1P 500W	NS	001	A	$87.00
135984	A-60 HT RING240V1P 660W	NS	000	A	$87.00
136004	A-60 HT RING240V1P 750W	ST	001	A	$87.00
136071	A-70 HT RING120V1P 550W	ST	001	A	$92.00
136098	A-70 HT RING120V1P 660W	NS	001	A	$92.00
136119	A-70 HT RING120V1P 750W	ST	001	A	$92.00
136080	A-70 HT RING240V1P 550W	ST	001	A	$92.00
136100	A-70 HT RING240V1P 660W	ST	001	A	$92.00
136127	A-70 HT RING240V1P 750W	ST	001	A	$92.00
136194	A-80 HT RING120V1P 880W	ST	001	A	$108.00
136207	A-80 HT RING240V1P 880W	ST	001	A	$108.00
136215	A-80 HT RING120V1P 1050W	ST	001	A	$108.00
136223	A-80 HT RING240V1P 1050W	ST	001	A	$108.00
136231	A-80 HT RING120V1P 1250W	ST	001	A	$108.00
136240	A-80 HT RING240V1P 1250W	ST	001	A	$108.00
136311	A-90 HT RING120V1P 1000W	ST	002	A	$134.00
136338	A-90 HT RING120V1P 1500W	ST	002	A	$134.00
136354	A-90 HT RING120V1P 1800W	ST	002	A	$134.00
136320	A-90 HT RING240V1P 1000W	ST	002	A	$134.00
136346	A-90 HT RING240V1P 1500W	ST	002	A	$134.00
136362	A-90 HT RING240V1P 1800W	ST	002	A	$134.00
135415	A-20-3 HT RING120V1P 300W	ST	001	A	$70.50
135431	A-20-3 HT RING120V1P 400W	NS	001	A	$70.50
135458	A-20-3 HT RING 120V 1P 500W	NS	001	A	$70.50
135423	A-20-3 HT RING240V1P 300W	NS	001	A	$70.50
135440	A-20-3 HT RING240V1P 400W	NS	001	A	$70.50
135466	A-20-3 HT RING240V1P 500W	NS	001	A	$70.50
135538	A-30-3 HT RING120V1P 450W	NS	001	A	$80.00
135554	A-30-3 HT RING120V1P 500W	NS	001	A	$80.00
135570	A-30-3 HT RING120V1P 550W	NS	001	A	$80.00
135546	A-30-3 HT RING240V1P 450W	NS	001	A	$80.00
135562	A-30-3 HT RING240V1P 500W	NS	001	A	$80.00
135589	A-30-3 HT RING240V1P 550W	NS	001	A	$80.00
135669	A-40-3 HT RING240V1P 500W	NS	000	A	$88.00
135650	A-40-3 HT RING120V1P 500W	NS	001	A	$88.00
135677	A-40-3 HT RING120V1P 660W	NS	001	A	$88.00
135693	A-40-3 HT RING120V1P 750W	NS	001	A	$88.00
135685	A-40-3 HT RING240V1P 660W	NS	001	A	$88.00
135706	A-40-3 HT RING240V1P 750W	NS	001	A	$88.00
135773	A-50-3 HT RING120V1P 400W	NS	001	A	$92.00
135790	A-50-3 HT RING120V1P 450W	NS	001	A	$92.00
135810	A-50-3 HT RING120V1P 500W	NS	001	A	$92.00
135781	A-50-3 HT RING240V1P 400W	NS	001	A	$92.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
135802	A-50-3 HT RING240V1P 450W	NS	001	A	$92.00
135829	A-50-3 HT RING240V1P 500W	NS	001	A	$92.00
135896	A-65-3 HT RING120V1P 660W	NS	001	A	$95.00
135917	A-65-3 HT RING120V1P 750W	NS	001	A	$95.00
135925	A-65-3 HT RING240V1P 750W	NS	001	A	$95.00
135933	A-65-3 HT RING120V1P 1000W	ST	001	A	$95.00
135909	A-65-3 HT RING240V1P 660W	NS	001	A	$95.00
135941	A-65-3 HT RING240V1P 1000W	NS	001	A	$95.00
136012	A-60-3 HT RING120V1P 500W	NS	001	A	$99.00
136039	A-60-3 HT RING120V1P 660W	NS	001	A	$99.00
136055	A-60-3 HT RING120V1P 750W	ST	001	A	$99.00
136020	A-60-3 HT RING240V1P 500W	NS	001	A	$99.00
136047	A-60-3 HT RING240V1P 660W	NS	001	A	$99.00
136063	A-60-3 HT RING240V1P 750W	NS	001	A	$99.00
136135	A-70-3 HT RING120V1P 550W	NS	001	A	$113.00
136151	A-70-3 HT RING120V1P 660W	ST	001	A	$113.00
136178	A-70-3 HT RING120V1P 750W	NS	001	A	$113.00
136143	A-70-3 HT RING240V1P 550W	NS	001	A	$113.00
136160	A-70-3 HT RING240V1P 660W	NS	001	A	$113.00
136186	A-70-3 HT RING240V1P 750W	NS	001	A	$113.00
136258	A-80-3 HT RING120V1P 880W	NS	001	A	$122.00
136274	A-80-3 HT RING120V1P 1050W	NS	001	A	$122.00
136290	A-80-3 HT RING120V1P 1250W	ST	001	A	$122.00
136266	A-80-3 HT RING240V1P 880W	NS	001	A	$122.00
136282	A-80-3 HT RING240V1P 1050W	NS	001	A	$122.00
136303	A-80-3 HT RING240V1P 1250W	NS	001	A	$122.00
136370	A-90-3 HT RING120V1P 1000W	ST	002	A	$155.00
136397	A-90-3 HT RING120V1P 1500W	NS	002	A	$155.00
136418	A-90-3 HT RING120V1P 1800W	NS	002	A	$149.00
136426	A-90-3 HT RING240V1P 1800W	NS	000	A	$155.00
136389	A-90-3 HT RING240V1P 1000W	NS	002	A	$155.00
136400	A-90-3 HT RING240V1P 1500W	NS	002	A	$155.00

Additional Features

1. New Item Engineering Charge pro-rated over the quantity of each item ordered	$100
Total list value amount of quanitity for no charge to apply	$500
2. Special length terminals all types check factory.	
3. Monel sheath for types A and HSP, consult factory	
4. Stainless steel sheath for all types (add to monel sheath list price plus new item engineering charge and set-up charge)	35%
Set-up charge for stainless steel sheath	$300
5. Special lead wire terminal construction (10 inch leads)	$25
Special lead wire construction minimum per line value	$100
Adder per foot or fraction of for lengths longer than 10 inches	$4
6. Dishing of ring heaters dishing (spherical radius of 15 inches only on 4-inch diameter ring or larger terminals on outside)	$9
Dishing minimum per line value	$50
7. Dishing of 6-inch half sheath rings on a 9-7/8 inch, 11-7/8 inch and 13-1/2 inch inside radius	$9
8. All heat construction add 15% (if tooling available, check with factory)	
9. Mounting Rivets (includes 3, RHSW only)	$3

HS DISC HEATERS 122

PCN	DESCRIPTION	SS	WT	D	PRICE
274191	HSP-20 1D 120V1P 250W	ST	001	A	$54.50
129306	HSP-30 1D 120V1P 600W	ST	001	A	$48.00
255513	HSP-31 1D 120V1P 400W	ST	001	A	$51.00
255521	HSP-31 1D 240V1P 400W	ST	001	A	$51.00
255530	HSP-31-3 1D 120V1P 400W	NS	001	A	$74.50
143124	HSP-310 HT D 120V1P 400W	NS	000	A	$72.50
143116	HSP-310 HT D 240V1P 400W	NS	000	A	$72.50
143108	HSP-310-3 HT D120V1P 400W	NS	000	A	$100.00
255759	HSW-60-3 1R 240V1P 750W	NS	001	A	$69.50
255767	HSW-60-3 1R 120V1P 1000W	NS	001	A	$69.50
185930	HSP-2 1R D HS 120V1P 150W	ST	001	A	$48.00
185949	HSP-2.75 IRDHS120V1P 250W	ST	001	A	$48.00
185957	HSP-3 ID HS 120V1P 200W	ST	001	A	$48.00
185965	HSP-3 ID HS 120V1P 400W	ST	001	A	$48.00
185973	HSP-3-3 ID HS 120V1P 150W	ST	001	A	$65.50
185981	HSP-30-3 HTDHS120V1P 400W	NS	001	A	$68.50
185746	HSW-5 IR HS 120V1P 500W	NS	001	A	$48.00
185738	HSW-5 IR HS 240V1P 750W	NS	001	A	$48.00
185754	HSW-6 IR HS 120V1P 500W	NS	001	A	$48.00
185762	HSW-6 IR HS 240V1P 500W	NS	001	A	$48.00
185770	HSW-6 IR HS 120V1P 700W	NS	001	A	$48.00
185789	HSW-6 IR HS 240V1P 700W	NS	001	A	$48.00
185797	HSW-6-3 IR HS 120V1P 700W	NS	001	A	$68.50
185800	HSW-6-3 IR HS 240V1P 700W	NS	001	A	$68.50
185818	HSN-6 IR HS 120V1P 500W	ST	001	A	$48.00
185826	HSN-6 IR HS 240V2P 800W	NS	001	A	$48.00
185834	HSN-60 HT R HS120V1P 500W	NS	001	A	$57.50
185842	HSN-60 HT R HS240V1P 500W	ST	001	A	$57.50
185850	HSW-60 HT R FS120V1P 500W	NS	001	A	$64.50
185869	HSW-60 HT R FS240V1P 800W	NS	001	A	$64.50
185877	HSW-61 IR FS 120V1P 1000W	ST	001	A	$50.00
185885	RHSW-6 IR HS 120V1P 350W	NS	001	A	$64.50
185893	RHSW-6-3 IR HS120V1P 350W	NS	001	A	$69.50
185906	RHSW-61 IR FS 120V1P 800W	NS	001	A	$66.50
185914	RHSW-61-3IR FS240V1P 800W	NS	001	A	$80.00
185922	RHSW-6 IR HS 120V1P 500W	NS	001	A	$64.50

CTBS THIN BLADE ELEMENTS 124

329228	CTBS-1245 120V 450W	NS	001	A	$140.00
329367	CTBS-1245 240V 450W	NS	001	A	$146.00
329236	CTBS-1225 120V 250W	NS	001	A	$140.00
329375	CTBS-1225 240V 250W	NS	001	A	$146.00
329244	CTBS-1875 120V 750W	NS	001	A	$163.00
329383	CTBS-1875 240V 750W	NS	001	A	$163.00
329252	CTBS-1835 120V 350W	NS	001	A	$163.00
329391	CTBS-1835 240V 350W	NS	001	A	$168.00
329260	CTBS-24100 120V 1000W	NS	001	A	$189.00
329404	CTBS-24100 240V 1000W	NS	001	A	$183.00
329276	CTBS-2450 120V 500W	NS	001	A	$189.00
329412	CTBS-2450 240V 500W	NS	001	A	$189.00
329287	CTBS-30130 120V 1300W	NS	002	A	$205.00
329439	CTBS-30130 240V 1300W	NS	002	A	$205.00
329295	CTBS-3065 120V 650W	NS	002	A	$205.00
329447	CTBS-3065 240V 650W	NS	002	A	$205.00
329308	CTBS-36160 120V 1600W	NS	002	A	$219.00
329455	CTBS-36160 240V 1600W	NS	002	A	$225.00
329316	CTBS-3680 120V 800W	NS	002	A	$225.00
329463	CTBS-3680 240V 800W	NS	002	A	$216.00
329324	CTBS-42190 120V 1900W	NS	002	A	$245.00
329471	CTBS-42190 240V 1900W	NS	002	A	$236.00
329332	CTBS-4295 120V 950W	NS	002	A	$236.00
329480	CTBS-4295 240V 950W	NS	002	A	$245.00
329340	CTBS-48220 120V 2200W	NS	002	A	$266.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
329498	CTBS-48220 240V 2200W	NS	002	A	$258.00
329359	CTBS-48110 120V 1100W	NS	002	A	$266.00
329500	CTBS-48110 240V 1100W	NS	002	A	$266.00

CTB Thin Blade Special Features

1. New Item Engineering Charge pro-rated over the quantity of each item ordered. No charge applies	$100
Total list value amount of quanitity for no charge to apply	$500
2. Bending	
Minor Axis per bend (plus set-up charge)	$6
Set-up charge for minor axis bend	$40
Major Axis per bend (plus set-up charge)	$8
Set-up charge for major axis bend	$50

WS STRIP HEATERS 125

132716	WS-640 IRON 120V1P 400W	ST	001	A	$119.00
132724	WS-640 IRON 240V1P 400W	ST	001	A	$119.00
132732	WS-850 IRON 120V1P 500W	ST	001	A	$122.00
132740	WS-850 IRON 240V1P 500W	ST	001	A	$122.00
144880	WS-1260 IRON 120V1P 600W	NS	002	A	$129.00
144899	WS-1260 IRON 240V1P 600W	NS	002	A	$129.00
132759	WS-1575 IRON 120V1P 750W	NS	002	A	$134.00
132767	WS-1575 IRON 240V1P 750W	ST	002	A	$134.00
132775	WS-2185 IRON 120V1P 850W	NS	002	A	$148.00
132783	WS-2185 IRON 240V1P 850W	NS	002	A	$148.00
132791	WS-2510 IRON 120V1P 1000W	NS	003	A	$164.00
132804	WS-2510 IRON 240V1P 1000W	ST	003	A	$164.00
132812	WS-605 HT S 120V1P 500W	ST	001	A	$157.00
132820	WS-605 HT S 240V1P 500W	ST	001	A	$157.00
132839	WS-806 HT S 120V1P 600W	ST	001	A	$164.00
132847	WS-806 HT S 240V1P 600W	ST	001	A	$164.00
144872	WS-1208 HT S 120V1P 800W	NS	002	A	$177.00
144864	WS-1208 HT S 240V1P 800W	NS	002	A	$177.00
132855	WS-1501 HT S 120V1P 1000W	ST	002	A	$190.00
132863	WS-1501 HT S 240V1P 1000W	ST	002	A	$190.00
132871	WS-2101 HT S 120V1P 1250W	NS	002	A	$250.00
132880	WS-2101 HT S 240V1P 1250W	ST	002	A	$250.00
132898	WS-2515 HT S 120V1P 1500W	NS	003	A	$265.00
132900	WS-2515 HT S 240V1P 1500W	ST	003	A	$265.00

FSRM HOPPER HEATERS 136

329092	FSRM-0612 240V 225W	NS	000	A	$408.00
329105	FSRM-0612 240V 450W	NS	000	A	$408.00
329180	FSRM-1212 240V 450W	NS	000	A	$434.00
329113	FSRM-1212 480V 550W	NS	000	A	$434.00
329121	FSRM-1212 480V 900W	NS	000	A	$434.00
329130	FSRM-1218 480V 650W	NS	000	A	$460.00
329148	FSRM-1218 480V 1300W	NS	000	A	$460.00
329156	FSRM-1818 480V 1000W	NS	000	A	$501.00
329172	FSRM-1818 480V 2000W	NS	000	A	$501.00
329199	FSRM-1224 480V 875W	NS	000	A	$487.00
329201	FSRM-1224 480V 1750W	NS	000	A	$487.00
329210	FSRM-1248 480V 2600W	NS	000	A	$592.00

TRI TUBULAR ELEMENTS 139

.375 INCH DIAMETER: INCOLOY

337033	TRI-1643 120V 350W	NS	000	A	$69.50
337041	TRI-2043 120V 500W	NS	000	A	$75.50
337050	TRI-2843 120V 800W	NS	001	A	$87.50
337068	TRI-2843 240V 800W	NS	001	A	$87.50
337076	TRI-3243 120V 950W	NS	001	A	$93.50
337084	TRI-3243 240V 950W	NS	001	A	$93.50
337092	TRI-3643 240V 1100W	NS	001	A	$99.50
337105	TRI-4243 120V 1300W	NS	001	A	$109.00
337113	TRI-4243 240V 1300W	NS	001	A	$109.00
337121	TRI-4843 240V 1500W	NS	001	A	$126.00
337130	TRI-5443 120V 1800W	NS	001	A	$138.00
337148	TRI-5443 240V 1800W	NS	001	A	$138.00
337156	TRI-6243 240V 2100W	NS	002	A	$153.00
337164	TRI-7043 240V 2400W	NS	002	A	$169.00
337172	TRI-8643 240V 3000W	NS	002	A	$277.00
337180	TRI-10243 240V 3600W	NS	003	A	$306.00
337199	TRI-11243 240V 4000W	NS	003	A	$325.00

.430 INCH DIAMETER: INCOLOY

337201	TRI-1644 120V 400W	NS	000	A	$102.00
337210	TRI-2044 120V 575W	NS	001	A	$108.00
337228	TRI-2844 240V 900W	NS	001	A	$118.00
337236	TRI-3244 240V 1100W	NS	001	A	$126.00
337244	TRI-3644 240V 1300W	NS	001	A	$132.00
337252	TRI-4044 240V 1400W	NS	001	A	$136.00
337260	TRI-5444 240V 2000W	NS	002	A	$186.00
337279	TRI-6044 240V 2300W	NS	002	A	$201.00
337287	TRI-6644 240V 2500W	NS	002	A	$213.00
337295	TRI-7044 240V 2700W	NS	002	A	$220.00
337308	TRI-7844 240V 3100W	NS	003	A	$232.00
337316	TRI-8544 240V 3400W	NS	003	A	$245.00
337324	TRI-10044 240V 4000W	NS	003	A	$325.00
337332	TRI-10844 240V 4300W	NS	004	A	$340.00
337340	TRI-11244 240V 4500W	NS	004	A	$347.00

TS TUBULAR ELEMENTS 141

3/8 INCH DIAMETER: STEEL

282845	TS-1648 120V 225W	NS	000	A	$37.50
282853	TS-1848 120V 250W	NS	000	A	$40.25
282861	TS-2048 120V 300W	NS	000	A	$44.25
172750	TS-2248 120V 350W	NS	000	A	$47.25
282870	TS-2548 120V 450W	NS	000	A	$52.00
282888	TS-2748 120V 500W	NS	001	A	$55.00
282896	TS-2748 240V 500W	NS	001	A	$55.00
282909	TS-2848 120V 500W	NS	001	A	$56.50
282917	TS-2848 240V 500W	NS	001	A	$56.50
282925	TS-3048 120V 550W	NS	001	A	$58.00
172769	TS-3048 240V 550W	NS	001	A	$58.00
282933	TS-3248 120V 600W	NS	001	A	$62.50
172777	TS-3248 240V 600W	NS	001	A	$62.50
172785	TS-3448 120V 650W	NS	001	A	$65.50
172793	TS-3448 240V 650W	NS	001	A	$63.50
282941	TS-3648 120V 700W	NS	001	A	$66.50
282950	TS-3648 240V 700W	NS	001	A	$66.50
282968	TS-3848 120V 750W	NS	001	A	$71.50
282976	TS-3848 240V 750W	NS	001	A	$71.50
172806	TS-4048 120V 800W	NS	001	A	$72.50
282984	TS-4048 240V 800W	NS	001	A	$74.50
172814	TS-4248 120V 850W	NS	001	A	$75.50
172822	TS-4248 240V 850W	NS	001	A	$75.50
172830	TS-4448 120V 900W	NS	001	A	$78.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
282992	TS-4448 240V 900W	NS	001	A	$80.50
172849	TS-4648 120V 950W	NS	001	A	$102.00
172857	TS-4648 240V 950W	NS	001	A	$100.00
283004	TS-4848 120V 1000W	NS	001	A	$104.00
283012	TS-4848 240V 1000W	NS	001	A	$106.00
172865	TS-4848 480V 1000W	NS	001	A	$104.00
172873	TS-5048 120V 1050W	NS	001	A	$110.00
172881	TS-5048 240V 1050W	NS	001	A	$110.00
172890	TS-5048 480V 1050W	NS	001	A	$108.00
283020	TS-5448 120V 1100W	NS	001	A	$115.00
172902	TS-5448 240V 1100W	NS	001	A	$115.00
172910	TS-5448 480V 1100W	NS	001	A	$118.00
172929	TS-5848 120V 1200W	NS	001	A	$123.00
283039	TS-5848 240V 1200W	NS	001	A	$123.00
172937	TS-5848 480V 1200W	NS	001	A	$123.00
172945	TS-6248 120V 1300W	NS	001	A	$134.00
283047	TS-6248 240V 1300W	NS	001	A	$134.00
172953	TS-6248 480V 1300W	NS	001	A	$130.00
172961	TS-6648 120V 1400W	NS	001	A	$138.00
172970	TS-6648 240V 1400W	NS	001	A	$138.00
172988	TS-6648 480V 1400W	NS	001	A	$138.00
283055	TS-7048 120V 1500W	NS	001	A	$146.00
172996	TS-7048 240V 1500W	NS	001	A	$146.00
173008	TS-7048 480V 1500W	NS	001	A	$146.00
173016	TS-7448 120V 1600W	NS	001	A	$153.00
173024	TS-7448 240V 1600W	NS	001	A	$153.00
173032	TS-7448 480V 1600W	NS	001	A	$153.00
173040	TS-7848 120V 1700W	NS	002	A	$165.00
173059	TS-7848 240V 1700W	NS	002	A	$161.00
173067	TS-7848 480V 1700W	NS	002	A	$165.00
173075	TS-8248 120V 1800W	NS	002	A	$168.00
173083	TS-8248 240V 1800W	NS	002	A	$168.00
173091	TS-8248 480V 1800W	NS	002	A	$173.00
173104	TS-8648 120V 1850W	NS	002	A	$176.00
173112	TS-8648 240V 1850W	NS	002	A	$176.00
173120	TS-8648 480V 1850W	NS	002	A	$176.00
173139	TS-9048 120V 1950W	NS	002	A	$225.00
173147	TS-9048 240V 1950W	NS	002	A	$225.00
173155	TS-9048 480V 1950W	NS	002	A	$225.00
173163	TS-9480 120V 2050W	NS	002	A	$232.00
173171	TS-9448 240V 2050W	NS	002	A	$232.00
173180	TS-9448 480V 2050W	NS	002	A	$232.00
173198	TS-9848 120V 2150W	NS	002	A	$239.00
173200	TS-9848 240V 2150W	NS	002	A	$239.00
173219	TS-9848 480V 2150W	NS	002	A	$244.00
173227	TS-10248 120V 2250W	NS	003	A	$246.00
173235	TS-10248 240V 2250W	NS	003	A	$246.00
173243	TS-10248 480V 2250W	NS	003	A	$246.00
173251	TS-10648 240V 2350W	NS	003	A	$253.00
173260	TS-10648 480V 2350W	NS	003	A	$253.00
283063	TS-11248 240V 2500W	NS	003	A	$270.00
173278	TS-11248 480V 2500W	NS	003	A	$264.00
173286	TS-11848 240V 2600W	NS	003	A	$275.00
173294	TS-11848 480V 2600W	NS	003	A	$275.00
173307	TS-12448 240V 2750W	NS	003	A	$286.00
173315	TS-12448 480V 2750W	NS	003	A	$286.00
173323	TS-13048 240V 2900W	NS	003	A	$303.00
173331	TS-13048 480V 2900W	NS	003	A	$297.00
173340	TS-13648 240V 3050W	NS	003	A	$314.00
173358	TS-13648 480V 3050W	NS	003	A	$314.00
173366	TS-14248 240V 3200W	NS	003	A	$318.00
173374	TS-14248 480V 3200W	NS	003	A	$318.00
173382	TS-14848 240V 3350W	NS	003	A	$329.00
173390	TS-14848 480V 3350W	NS	003	A	$329.00
173403	TS-15648 240V 3550W	NS	003	A	$343.00
173411	TS-15648 480V 3550W	NS	003	A	$343.00
173420	TS-16448 240V 3700W	NS	003	A	$366.00
173438	TS-16448 480V 3700W	NS	003	A	$358.00
173446	TS-17248 240V 3800W	NS	003	A	$372.00
173454	TS-17248 480V 3800W	NS	003	A	$381.00
1/2 INCH DIAMETER: STEEL					
171424	TS-11245 240V 3700W	NS	003	A	$422.00
171432	TS-11245 480V 3700W	NS	003	A	$417.00
171440	TS-12445 240V 3800W	NS	003	A	$438.00
171459	TS-12445 480V 3800W	NS	003	A	$445.00
171467	TS-13045 240V 3920W	NS	003	A	$449.00
171475	TS-13045 480V 3920W	NS	003	A	$449.00
171483	TS-13645 240V 4075W	NS	004	A	$460.00
171491	TS-13645 480V 4075W	NS	004	A	$467.00
171504	TS-14245 240V 4250W	NS	004	A	$471.00
171512	TS-14245 480V 4250W	NS	004	A	$471.00
171520	TS-14845 240V 4450W	NS	004	A	$489.00
171539	TS-14845 480V 4450W	NS	004	A	$482.00
171547	TS-15645 240V 4700W	NS	004	A	$496.00
171555	TS-15645 480V 4700W	NS	004	A	$504.00
171563	TS-16445 240V 5000W	NS	004	A	$510.00
171571	TS-16445 480V 5000W	NS	004	A	$510.00
171580	TS-17245 240V 5300W	NS	004	A	$525.00
171598	TS-17245 480V 5300W	NS	004	A	$525.00

TI TUBULAR ELEMENTS 142

PCN	DESCRIPTION	SS	WT	D	PRICE
3/8 INCH DIAMETER: INCOLOY					
282263	TI-1648 120V 300W	NS	000	A	$69.50
282271	TI-1848 120V 350W	NS	000	A	$72.50
282280	TI-2048 120V 450W	NS	000	A	$75.50
282298	TI-2248 120V 500W	NS	000	A	$78.50
282300	TI-2548 120V 650W	NS	000	A	$83.00
282319	TI-2548 240V 650W	NS	000	A	$83.00
282327	TI-2748 120V 700W	NS	001	A	$86.00
282335	TI-2748 240V 700W	NS	001	A	$86.00
282343	TI-2848 120V 750W	NS	001	A	$87.50
282351	TI-2848 240V 750W	NS	001	A	$87.50
282360	TI-3048 120V 800W	NS	001	A	$90.50
282378	TI-3048 240V 800W	NS	001	A	$90.50
282386	TI-3248 120V 850W	NS	001	A	$93.50
282394	TI-3248 240V 850W	NS	001	A	$93.50
282407	TI-3448 120V 900W	NS	001	A	$96.50
282415	TI-3448 240V 900W	NS	001	A	$96.50
282423	TI-3648 120V 1000W	NS	001	A	$99.50
282431	TI-3648 240V 1000W	NS	001	A	$99.50
282440	TI-3848 120V 1050W	NS	001	A	$103.00
282458	TI-3848 240V 1050W	NS	001	A	$103.00
282466	TI-4048 120V 1100W	NS	001	A	$106.00
282474	TI-4048 240V 1100W	NS	001	A	$106.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
282482	TI-4248 120V 1200W	NS	000	A	$109.00
282490	TI-4248 240V 1200W	NS	001	A	$109.00
282503	TI-4448 120V 1250W	NS	001	A	$112.00
282511	TI-4448 240V 1250W	NS	001	A	$112.00
282520	TI-4648 120V 1300W	NS	001	A	$122.00
282538	TI-4648 240V 1300W	NS	001	A	$122.00
282546	TI-4848 120V 1350W	NS	001	A	$126.00
282554	TI-4848 240V 1350W	NS	001	A	$126.00
282562	TI-5048 120V 1450W	NS	001	A	$130.00
282570	TI-5048 240V 1450W	NS	001	A	$130.00
173462	TI-5048 480V 1450W	NS	001	A	$130.00
282589	TI-5448 120V 1550W	NS	001	A	$138.00
282597	TI-5448 240V 1550W	NS	001	A	$138.00
173470	TI-5448 480V 1550W	NS	001	A	$138.00
282600	TI-5848 120V 1700W	NS	001	A	$145.00
282618	TI-5848 240V 1700W	NS	001	A	$145.00
173489	TI-5848 480V 1700W	NS	001	A	$145.00
282626	TI-6248 120V 1850W	NS	001	A	$153.00
282634	TI-6248 240V 1850W	NS	001	A	$153.00
173497	TI-6248 480V 1850W	NS	001	A	$153.00
282642	TI-6648 120V 1950W	NS	001	A	$161.00
282650	TI-6648 240V 1950W	NS	001	A	$161.00
173500	TI-6648 480V 1950W	NS	001	A	$158.00
282669	TI-7048 120V 2100W	NS	001	A	$169.00
282677	TI-7048 240V 2100W	NS	001	A	$169.00
173518	TI-7048 480V 2100W	NS	001	A	$169.00
173526	TI-7448 120V 2250W	NS	001	A	$177.00
282685	TI-7448 240V 2250W	NS	001	A	$177.00
173534	TI-7448 480V 2250W	NS	001	A	$177.00
173542	TI-7848 120V 2350W	NS	002	A	$184.00
282693	TI-7848 240V 2350W	NS	002	A	$184.00
173550	TI-7848 480V 2350W	NS	002	A	$184.00
282706	TI-8248 240V 2500W	NS	002	A	$192.00
173569	TI-8248 480V 2500W	NS	002	A	$192.00
282714	TI-8648 240V 2600W	NS	002	A	$277.00
173577	TI-8648 480V 2600W	NS	002	A	$277.00
282722	TI-9048 240V 2750W	NS	002	A	$284.00
173585	TI-9048 480V 2750W	NS	002	A	$280.00
282730	TI-9448 240V 2900W	NS	002	A	$292.00
173593	TI-9448 480V 2900W	NS	002	A	$292.00
282749	TI-9848 240V 3000W	NS	002	A	$299.00
173606	TI-9848 480V 3000W	NS	002	A	$299.00
282757	TI-10248 240V 3150W	NS	003	A	$306.00
173614	TI-10248 480V 3150W	NS	003	A	$301.00
282765	TI-10648 240V 3300W	NS	003	A	$314.00
173622	TI-10648 480V 3300W	NS	003	A	$309.00
282773	TI-11248 240V 3500W	NS	003	A	$325.00
173630	TI-11248 480V 3500W	NS	003	A	$325.00
173649	TI-11848 240V 3650W	NS	003	A	$330.00
173657	TI-11848 480V 3650W	NS	003	A	$336.00
173665	TI-12448 240V 3900W	NS	003	A	$347.00
173673	TI-12448 480V 3900W	NS	003	A	$341.00
173681	TI-13048 240V 4100W	NS	003	A	$358.00
173690	TI-13048 480V 4100W	NS	003	A	$358.00
173702	TI-13648 240V 4300W	NS	003	A	$369.00
173710	TI-13648 480V 4300W	NS	003	A	$369.00
173729	TI-14248 240V 4500W	NS	003	A	$380.00
173737	TI-14248 480V 4500W	NS	003	A	$373.00
173745	TI-14848 480V 4700W	NS	003	A	$384.00
173753	TI-15648 480V 4950W	NS	003	A	$399.00
173761	TI-16448 480V 5200W	NS	003	A	$421.00
173770	TI-17248 480V 5350W	NS	003	A	$436.00
1/2 INCH DIAMETER: INCOLOY					
144160	TI-1645 120V 450W	NS	001	A	$178.00
144178	TI-1845 120V 540W	NS	001	A	$181.00
144186	TI-2045 120V 635W	NS	001	A	$184.00
144194	TI-2345 120V 750W	NS	001	A	$187.00
144207	TI-2345 240V 750W	NS	001	A	$189.00
171600	TI-2545 120V 825W	NS	001	A	$192.00
144215	TI-2545 240V 825W	NS	001	A	$192.00
171619	TI-2745 120V 900W	NS	001	A	$195.00
144223	TI-2745 240V 900W	NS	001	A	$195.00
144231	TI-2845 120V 1000W	NS	001	A	$195.00
144240	TI-2845 240V 1000W	NS	001	A	$196.00
171627	TI-3045 120V 1100W	NS	001	A	$199.00
144258	TI-3045 240V 1100W	NS	001	A	$199.00
171635	TI-3245 120V 1200W	NS	001	A	$201.00
144493	TI-3245 240V 1200W	NS	001	A	$202.00
171643	TI-3445 120V 1275W	NS	001	A	$203.00
144266	TI-3445 240V 1275W	NS	001	A	$205.00
171651	TI-3645 120V 1350W	NS	001	A	$208.00
144274	TI-3645 240V 1350W	NS	001	A	$208.00
171660	TI-3845 120V 1425W	NS	001	A	$211.00
144282	TI-3845 240V 1425W	NS	001	A	$211.00
144290	TI-4045 120V 1500W	NS	001	A	$212.00
144303	TI-4045 240V 1500W	NS	001	A	$214.00
171678	TI-4345 120V 1650W	NS	001	A	$219.00
144311	TI-4345 240V 1650W	NS	001	A	$219.00
171686	TI-4445 120V 1725W	NS	001	A	$218.00
144320	TI-4445 240V 1725W	NS	001	A	$220.00
171694	TI-4645 120V 1800W	NS	001	A	$253.00
144338	TI-4645 240V 1800W	NS	001	A	$255.00
171707	TI-4845 120V 1875W	NS	001	A	$256.00
144346	TI-4845 240V 1875W	NS	001	A	$259.00
171715	TI-5045 120V 1950W	NS	001	A	$263.00
144354	TI-5045 240V 1950W	NS	001	A	$263.00
171723	TI-5045 480V 1950W	NS	001	A	$263.00
144362	TI-5445 120V 2000W	NS	002	A	$271.00
144370	TI-5445 240V 2000W	NS	002	A	$268.00
171731	TI-5445 480V 2000W	NS	002	A	$271.00
171740	TI-5845 120V 2250W	NS	002	A	$275.00
144389	TI-5845 240V 2250W	NS	002	A	$275.00
171758	TI-5845 480V 2250W	NS	002	A	$275.00
171766	TI-6045 120V 2500W	NS	002	A	$282.00
144397	TI-6045 240V 2500W	NS	002	A	$282.00
171774	TI-6045 480V 2500W	NS	002	A	$282.00
171782	TI-6645 120V 2750W	NS	002	A	$291.00
144400	TI-6645 240V 2750W	NS	002	A	$294.00
171790	TI-6645 480V 2750W	NS	002	A	$294.00
171803	TI-7045 120V 3000W	NS	002	A	$298.00
144418	TI-7045 240V 3000W	NS	002	A	$302.00
171811	TI-7045 480V 3000W	NS	002	A	$302.00
171820	TI-7445 120V 3125W	NS	002	A	$306.00
144426	TI-7445 240V 3125W	NS	002	A	$310.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
171838	TI-7445 480V 3125W	NS	002	A	$306.00
171846	TI-7845 120V 3250W	NS	002	A	$317.00
144434	TI-7845 240V 3250W	NS	002	A	$317.00
171854	TI-7845 480V 3250W	NS	002	A	$317.00
144442	TI-8245 240V 3375W	NS	002	A	$325.00
171862	TI-8245 480V 3375W	NS	002	A	$321.00
144450	TI-8545 240V 3500W	NS	002	A	$331.00
171870	TI-8545 480V 3500W	NS	002	A	$331.00
171889	TI-9045 240V 3625W	NS	002	A	$432.00
171897	TI-9045 480V 3625W	NS	002	A	$437.00
171900	TI-9445 240V 3750W	NS	002	A	$444.00
171918	TI-9445 480V 3750W	NS	002	A	$444.00
171926	TI-9845 240V 3875W	NS	002	A	$452.00
171934	TI-9845 480V 3875W	NS	002	A	$447.00
144469	TI-10045 240V 4000W	NS	003	A	$455.00
171942	TI-10045 480V 4000W	NS	003	A	$455.00
144477	TI-10845 240V 4500W	NS	003	A	$465.00
171950	TI-10845 480V 4500W	NS	003	A	$470.00
144485	TI-11245 240V 4750W	NS	003	A	$478.00
171969	TI-11245 480V 4750W	NS	003	A	$478.00
171977	TI-11845 240V 5000W	NS	003	A	$489.00
171985	TI-11845 480V 5000W	NS	003	A	$489.00
171993	TI-13045 240V 5250W	NS	003	A	$511.00
172005	TI-13045 480V 5250W	NS	003	A	$511.00
172013	TI-13645 240V 5500W	NS	004	A	$515.00
172021	TI-13645 480V 5500W	NS	004	A	$522.00
172030	TI-14245 240V 5750W	NS	004	A	$526.00
172048	TI-14245 480V 5750W	NS	004	A	$533.00
172056	TI-14845 480V 6000W	NS	004	A	$544.00
172064	TI-15645 480V 6250W	NS	004	A	$551.00
172072	TI-16445 480V 6500W	NS	004	A	$574.00
172080	TI-17245 480V 6750W	NS	004	A	$589.00

TRS TUBULAR ELEMENTS 144

.315 INCH DIAMETER: STEEL

176153	TRS-1648 120V 200W	NS	000	A	$26.00
176161	TRS-2048 120V 275W	NS	000	A	$32.75
176170	TRS-2848 120V 450W	NS	001	A	$44.75
176188	TRS-2848 240V 450W	NS	001	A	$44.75
176196	TRS-3248 120V 525W	NS	001	A	$51.00
176209	TRS-3248 240V 525W	NS	001	A	$51.00
176217	TRS-3648 120V 600W	NS	001	A	$57.00
176225	TRS-3648 240V 600W	NS	001	A	$57.00
176233	TRS-4048 120V 700W	NS	001	A	$63.00
176241	TRS-4048 240V 700W	NS	001	A	$63.00
176250	TRS-4648 120V 825W	NS	001	A	$90.00
176268	TRS-4648 240V 825W	NS	001	A	$90.00
176276	TRS-4648 480V 825W	NS	001	A	$90.00
176284	TRS-5248 120V 950W	NS	001	A	$102.00
176292	TRS-5248 240V 950W	NS	001	A	$102.00
176305	TRS-5248 480V 950W	NS	001	A	$99.00
176313	TRS-5848 120V 1075W	NS	001	A	$114.00
176321	TRS-5848 240V 1075W	NS	001	A	$114.00
176330	TRS-5848 480V 1075W	NS	001	A	$114.00
176348	TRS-6448 120V 1200W	NS	001	A	$125.00
176356	TRS-6448 240V 1200W	NS	001	A	$125.00
176364	TRS-6448 480V 1200W	NS	001	A	$125.00
176372	TRS-7048 120V 1325W	NS	002	A	$137.00
176380	TRS-7048 240V 1325W	NS	002	A	$137.00
176399	TRS-7048 480V 1325W	NS	002	A	$137.00
176401	TRS-7648 120V 1450W	NS	002	A	$145.00
176410	TRS-7648 240V 1450W	NS	002	A	$149.00
176428	TRS-7648 480V 1450W	NS	002	A	$149.00
176436	TRS-8248 120V 1575W	NS	002	A	$160.00
176444	TRS-8248 240V 1575W	NS	002	A	$160.00
176452	TRS-8248 480V 1575W	NS	002	A	$160.00
176460	TRS-8848 120V 1700W	NS	002	A	$159.00
176479	TRS-8848 240V 1700W	NS	002	A	$159.00
176487	TRS-8848 480V 1700W	NS	002	A	$159.00
176495	TRS-9448 120V 1825W	NS	002	A	$174.00
176508	TRS-9448 240V 1825W	NS	002	A	$170.00
176516	TRS-9448 480V 1825W	NS	002	A	$170.00
176524	TRS-10048 120V 1925W	NS	003	A	$185.00
176532	TRS-10048 240V 1925W	NS	003	A	$185.00
176540	TRS-10048 480V 1925W	NS	003	A	$180.00
176559	TRS-10648 240V 2025W	NS	003	A	$197.00
176567	TRS-10648 480V 2025W	NS	003	A	$197.00
176575	TRS-11248 240V 2175W	NS	003	A	$208.00
176583	TRS-11248 480V 2175W	NS	003	A	$208.00

.475 INCH DIAMETER: STEEL

174609	TRS-1645 120V 300W	NS	001	A	$64.50
174617	TRS-1845 120V 350W	NS	001	A	$67.50
174625	TRS-2045 120V 425W	NS	001	A	$71.00
174633	TRS-2345 120V 500W	NS	001	A	$75.50
174641	TRS-2345 240V 500W	NS	001	A	$75.50
174650	TRS-2545 120V 575W	NS	001	A	$77.50
174668	TRS-2545 240V 575W	NS	001	A	$77.50
174676	TRS-2745 120V 600W	NS	001	A	$81.50
174684	TRS-2745 240V 600W	NS	001	A	$81.50
174692	TRS-2845 120V 750W	NS	001	A	$83.00
328356	TRS-2845 208V 750W	NS	001	A	$83.00
174705	TRS-2845 240V 750W	NS	001	A	$83.00
174713	TRS-3045 120V 775W	NS	001	A	$86.00
174721	TRS-3045 240V 775W	NS	001	A	$84.50
174730	TRS-3245 120V 800W	NS	001	A	$87.50
174748	TRS-3245 240V 800W	NS	001	A	$89.00
174756	TRS-3445 120V 850W	NS	001	A	$92.00
174764	TRS-3445 240V 850W	NS	001	A	$92.00
174772	TRS-3645 120V 900W	NS	001	A	$95.00
174780	TRS-3645 240V 900W	NS	001	A	$93.50
174799	TRS-3845 120V 950W	NS	001	A	$96.50
174801	TRS-3845 240V 950W	NS	001	A	$96.50
328364	TRSC-4065 208V 1000W	NS	001	A	$99.00
174828	TRSC-4065 240V 1000W	NS	001	A	$101.00
174836	TRSC-4065 480V 1000W	NS	001	A	$101.00
174844	TRSC-4365 120V 1250W	NS	001	A	$107.00
328380	TRSC-4365 208V 1250W	NS	001	A	$104.00
174852	TRSC-4365 240V 1250W	NS	001	A	$107.00
174860	TRSC-4365 480V 1250W	NS	001	A	$104.00
174879	TRSC-4665 120V 1300W	NS	001	A	$120.00
174887	TRSC-4665 240V 1300W	NS	001	A	$122.00
174895	TRSC-4665 480V 1300W	NS	001	A	$120.00
174908	TRSC-4865 120V 1350W	NS	002	A	$124.00
174916	TRSC-4865 240V 1350W	NS	002	A	$126.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
174924	TRSC-4865 480V 1350W	NS	002	A	$124.00
174932	TRSC-5065 120V 1400W	NS	002	A	$128.00
174940	TRSC-5065 240V 1400W	NS	002	A	$128.00
174959	TRSC-5065 480V 1400W	NS	002	A	$130.00
174967	TRSC-5265 120V 1450W	NS	002	A	$131.00
174975	TRSC-5265 240V 1450W	NS	002	A	$131.00
174983	TRSC-5265 480V 1450W	NS	002	A	$131.00
174991	TRSC-5465 120V 1500W	NS	003	A	$138.00
328399	TRSC-5465 208V 1500W	NS	002	A	$135.00
175003	TRSC-5465 240V 1500W	NS	003	A	$138.00
175011	TRSC-5465 480V 1500W	NS	003	A	$138.00
175020	TRSC-5865 120V 1670W	NS	003	A	$146.00
175038	TRSC-5865 240V 1670W	NS	003	A	$146.00
175046	TRSC-5865 480V 1670W	NS	003	A	$146.00
175054	TRSC-6065 120V 1750W	NS	003	A	$147.00
175062	TRSC-6065 240V 1750W	NS	003	A	$150.00
175070	TRSC-6065 480V 1750W	NS	003	A	$150.00
175089	TRSC-6665 120V 1875W	NS	004	A	$158.00
175097	TRSC-6665 240V 1875W	NS	004	A	$161.00
175100	TRSC-6665 480V 1875W	NS	004	A	$158.00
175118	TRSC-7065 120V 2000W	NS	004	A	$169.00
328410	TRSC-7065 208V 2000W	NS	002	A	$166.00
175126	TRSC-7065 240V 2000W	NS	004	A	$169.00
175134	TRSC-7065 480V 2000W	NS	004	A	$169.00
175142	TRSC-7465 120V 2120W	NS	004	A	$177.00
175150	TRSC-7465 240V 2120W	NS	004	A	$177.00
175169	TRSC-7465 480V 2120W	NS	004	A	$177.00
175177	TRSC-7865 120V 2250W	NS	005	A	$181.00
175185	TRSC-7865 240V 2250W	NS	005	A	$185.00
175193	TRSC-7865 480V 2250W	NS	005	A	$185.00
175206	TRSC-8265 120V 2380W	NS	005	A	$188.00
175214	TRSC-8265 240V 2380W	NS	005	A	$188.00
175222	TRSC-8265 480V 2380W	NS	005	A	$188.00
175230	TRSC-8565 120V 2500W	NS	005	A	$198.00
328436	TRSC-8565 208V 2500W	NS	002	A	$194.00
175249	TRSC-8565 240V 2500W	NS	005	A	$198.00
175257	TRSC-8565 480V 2500W	NS	005	A	$198.00
175265	TRSC-9065 120V 2620W	NS	006	A	$251.00
175273	TRSC-9065 240V 2620W	NS	006	A	$251.00
175281	TRSC-9065 480V 2620W	NS	006	A	$251.00
175564	TRSC-9265 480V 2225W	NS	000	A	$250.00
175290	TRSC-9465 120V 2750W	NS	006	A	$253.00
175302	TRSC-9465 240V 2750W	NS	006	A	$253.00
175310	TRSC-9465 480V 2750W	NS	006	A	$258.00
175329	TRSC-9865 120V 2880W	NS	006	A	$261.00
175337	TRSC-9865 240V 2880W	NS	006	A	$261.00
175345	TRSC-9865 480V 2880W	NS	006	A	$266.00
328444	TRSC-10065 208V 3000W	NS	003	A	$275.00
175353	TRSC-10065 240V 3000W	NS	007	A	$269.00
175361	TRSC-10065 480V 3000W	NS	007	A	$269.00
175370	TRSC-10665 240V 3120W	NS	007	A	$280.00
175388	TRSC-10665 480V 3120W	NS	007	A	$275.00
328452	TRSC-10865 208V 3334W	NS	003	A	$279.00
175396	TRSC-10865 240V 3334W	NS	007	A	$284.00
175409	TRSC-10865 480V 3334W	NS	007	A	$284.00
175417	TRSC-11865 240V 3500W	NS	008	A	$303.00
175425	TRSC-13465 240V 4167W	NS	009	A	$332.00

PCN	DESCRIPTION	SS	WT	D	PRICE
175433	TRSC-16065 240V 5000W	NS	010	A	$380.00
175468	TRSC-7085 240V 1667W	NS	004	A	$166.00
175476	TRSC-9285 240V 2225W	NS	006	A	$259.00
175484	TRSC-10885 240V 2778W	NS	007	A	$279.00
328479	TRSC-16285 240V 4444W	NS	006	A	$376.00
175492	TRSCD-5465 240V 1000W	NS	003	A	$138.00
328487	TRSCD-5465 480V 1000W	NS	002	A	$135.00
175505	TRSCD-7065 240V 1334W	NS	004	A	$169.00
328495	TRSCD-7065 480V 1334W	NS	002	A	$166.00
175513	TRSCD-8565 240V 1667W	NS	005	A	$198.00
328508	TRSCD-10065 208V 2000W	NS	003	A	$264.00
175521	TRSCD-10065 240V 2000W	NS	007	A	$269.00
175572	TRSCD-10065 480V 2000W	NS	007	A	$269.00
175530	TRSCD-11865 240V 2500W	NS	008	A	$303.00
175548	TRSCD-14065 240V 3000W	NS	009	A	$343.00
175441	TRSCD-7085 240V 1115W	NS	004	A	$166.00
175450	TRSCD-9285 240V 1390W	NS	006	A	$259.00

TRSS TUBULAR ELEMENTS 145

.475 INCH DIA 304 STN STL

143909	TRSS-2045 120V 1000W	NS	001	A	$114.00
328090	TRSS-2045 208V 1000W	NS	001	A	$114.00
143917	TRSS-2045 240V 1000W	NS	001	A	$114.00
328102	TRSS-2045 277V 1000W	NS	001	A	$113.00
143925	TRSS-2345 240V 1250W	NS	001	A	$118.00
143933	TRSS-2845 120V 1500W	NS	001	A	$126.00
328110	TRSS-2845 208V 1500W	NS	001	A	$126.00
143941	TRSS-2845 240V 1500W	NS	001	A	$126.00
143950	TRSS-2845 480V 1500W	NS	001	A	$126.00
143968	TRSS-4065 120V 2000W	NS	001	A	$144.00
328129	TRSS-4065 208V 2000W	NS	001	A	$144.00
143976	TRSS-4065 240V 2000W	NS	001	A	$144.00
143984	TRSS-4065 480V 2000W	NS	001	A	$144.00
328137	TRSS-4365 208V 2500W	NS	001	A	$149.00
143992	TRSS-4365 240V 2500W	NS	001	A	$149.00
144004	TRSS-4365 480V 2500W	NS	001	A	$149.00
328145	TRSS-5465 208V 3000W	NS	001	A	$200.00
144012	TRSS-5465 240V 3000W	NS	003	A	$200.00
144020	TRSS-5465 480V 3000W	NS	003	A	$200.00
144039	TRSS-6065 240V 3500W	NS	003	A	$209.00
144047	TRSS-6065 480V 3500W	NS	003	A	$209.00
328153	TRSS-7065 208V 4000W	NS	002	A	$231.00
144055	TRSS-7065 240V 4000W	NS	004	A	$231.00
144063	TRSS-7065 480V 4000W	NS	004	A	$231.00
328161	TRSS-8565 208V 5000W	NS	002	A	$260.00
144071	TRSS-8565 240V 5000W	NS	005	A	$260.00
144080	TRSS-8565 480V 5000W	NS	005	A	$260.00
328170	TRSS-10065 208V 6000W	NS	003	A	$335.00
144098	TRSS-10065 240V 6000W	NS	007	A	$335.00
144100	TRSS-10065 480V 6000W	NS	007	A	$335.00
144119	TRSS-11265 240V 7500W	NS	007	A	$357.00

.475 INCH DIA: 304 STN STL

328188	TRSSH-4065 240V 1000W	NS	001	A	$144.00
328196	TRSSH-4065 480V 1000W	NS	001	A	$144.00
328209	TRSSH-5465 240V 1500W	NS	003	A	$200.00
328217	TRSSH-5465 480V 1500W	NS	003	A	$200.00
328225	TRSSH-7065 240V 2000W	NS	004	A	$231.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
328233	TRSSH-7065 480V 2000W	NS	004	A	$231.00
328241	TRSSH-8565 240V 2500W	NS	005	A	$260.00
328250	TRSSH-8565 480V 2500W	NS	005	A	$256.00
328268	TRSSH-10065 240V 3000W	NS	007	A	$335.00
328276	TRSSH-10065 480V 3000W	NS	007	A	$335.00
328284	TRSSH-10865 240V 3334W	NS	007	A	$350.00
.475 INCH DIA: 316 STN STL					
328049	TRSSN-5465 240V 3000W	NS	003	A	$200.00
328014	TRSSN-5465 480V 3000W	NS	000	A	$200.00
328022	TRSSN-7065 240V 4000W	NS	004	A	$231.00
328030	TRSSN-7065 480V 4000W	NS	002	A	$231.00
328057	TRSSN-8565 240V 5000W	NS	002	A	$260.00
328065	TRSSN-8565 480V 5000W	NS	002	A	$256.00

TRI TUBULAR ELEMENTS 145

.246 INCH DIAMETER: INCOLOY					
282052	TRI-1212 120V 165W	NS	001	A	$49.25
282060	TRI-1612 120V 255W	NS	001	A	$55.50
282079	TRI-2012 120V 340W	NS	001	A	$61.50
177420	TRI-2012 240V 340W	NS	001	A	$61.50
282087	TRI-2412 120V 430W	NS	001	A	$67.50
282095	TRI-2412 240V 430W	NS	001	A	$67.50
282108	TRI-2812 120V 515W	NS	001	A	$73.50
282116	TRI-2812 240V 515W	NS	001	A	$73.50
282124	TRI-3212 120V 605W	NS	001	A	$79.50
177439	TRI-3212 240V 605W	NS	001	A	$79.50
282132	TRI-3612 120V 690W	NS	001	A	$85.50
282140	TRI-3612 240V 690W	NS	001	A	$85.50
177447	TRI-4012 120V 780W	NS	001	A	$91.50
143870	TRI-4012 240V 780W	NS	001	A	$91.50
177455	TRI-4612 120V 910W	NS	001	A	$110.00
282159	TRI-4612 240V 910W	NS	001	A	$110.00
282167	TRI-5212 120V 1045W	NS	001	A	$122.00
143888	TRI-5212 240V 1045W	NS	001	A	$122.00
177463	TRI-5812 120V 1175W	NS	001	A	$133.00
177471	TRI-5812 240V 1175W	NS	001	A	$133.00
282175	TRI-6412 120V 1310W	NS	001	A	$145.00
282183	TRI-6412 240V 1310W	NS	001	A	$145.00
282191	TRI-7012 120V 1440W	NS	001	A	$157.00
282204	TRI-7012 240V 1440W	NS	001	A	$157.00
177480	TRI-7612 120V 1570W	NS	001	A	$168.00
282212	TRI-7612 240V 1570W	NS	001	A	$168.00
177498	TRI-8212 120V 1700W	NS	001	A	$180.00
177500	TRI-8212 240V 1700W	NS	001	A	$180.00
177519	TRI-8812 120V 1835W	NS	001	A	$218.00
177527	TRI-8812 240V 1835W	NS	001	A	$218.00
282220	TRI-9412 240V 1965W	NS	001	A	$230.00
177535	TRI-10012 240V 2100W	NS	002	A	$241.00
177543	TRI-10612 240V 2230W	NS	002	A	$252.00
177551	TRI-11212 240V 2365W	NS	002	A	$263.00
.260 INCH DIAMETER: INCOLOY					
337359	TRI-1216 120V 175W	NS	001	A	$49.25
337367	TRI-1616 120V 270W	NS	001	A	$55.50
337375	TRI-2016 120V 360W	NS	001	A	$61.50
337383	TRI-2016 240V 360W	NS	001	A	$61.50
337391	TRI-2416 120V 450W	NS	001	A	$67.50
337404	TRI-2416 240V 450W	NS	001	A	$67.50
337412	TRI-2816 120V 550W	NS	001	A	$73.50
337420	TRI-2816 240V 550W	NS	001	A	$73.50
337439	TRI-3216 120V 650W	NS	001	A	$79.50
337447	TRI-3216 240V 650W	NS	001	A	$79.50
337455	TRI-3616 120V 725W	NS	001	A	$85.50
337463	TRI-3616 240V 725W	NS	001	A	$85.50
337471	TRI-4016 120V 825W	NS	001	A	$91.50
337480	TRI-4016 240V 825W	NS	001	A	$91.50
337498	TRI-4616 120V 975W	NS	001	A	$110.00
337500	TRI-4616 240V 975W	NS	001	A	$108.00
337519	TRI-5216 120V 1100W	NS	001	A	$122.00
337527	TRI-5216 240V 1100W	NS	001	A	$122.00
337535	TRI-5816 120V 1250W	NS	001	A	$133.00
337543	TRI-5816 240V 1250W	NS	001	A	$133.00
337551	TRI-6416 120V 1400W	NS	001	A	$145.00
337560	TRI-6416 240V 1400W	NS	001	A	$145.00
337578	TRI-7016 120V 1525W	NS	001	A	$157.00
337586	TRI-7016 240V 1525W	NS	001	A	$157.00
337594	TRI-7616 120V 1650W	NS	001	A	$168.00
337607	TRI-7616 240V 1650W	NS	001	A	$165.00
337615	TRI-8216 120V 1800W	NS	001	A	$180.00
337623	TRI-8216 240V 1800W	NS	001	A	$180.00
337631	TRI-8816 120V 1950W	NS	001	A	$218.00
337640	TRI-8816 240V 1950W	NS	001	A	$214.00
337658	TRI-9416 240V 2100W	NS	001	A	$225.00
337666	TRI-10016 240V 2200W	NS	001	A	$236.00
337674	TRI-10616 240V 2350W	NS	001	A	$246.00
337682	TRI-11216 240V 2500W	NS	001	A	$263.00
.315 INCH DIAMETER: INCOLOY					
281519	TRI-1648 120V 275W	NS	000	A	$58.00
281527	TRI-1848 120V 350W	NS	000	A	$61.00
281535	TRI-2048 120V 400W	NS	000	A	$64.00
281543	TRI-2248 120V 500W	NS	001	A	$67.00
281551	TRI-2548 120V 650W	NS	001	A	$71.50
281560	TRI-2548 240V 650W	NS	001	A	$71.50
281578	TRI-2748 120V 700W	NS	001	A	$74.50
281586	TRI-2748 240V 700W	NS	001	A	$74.50
281594	TRI-2848 120V 625W	NS	001	A	$76.00
281607	TRI-2848 240V 625W	NS	001	A	$76.00
281615	TRI-3048 120V 800W	NS	001	A	$79.00
281623	TRI-3048 240V 800W	NS	001	A	$79.00
281631	TRI-3248 120V 750W	NS	001	A	$82.00
281640	TRI-3248 240V 750W	NS	001	A	$82.00
281658	TRI-3448 120V 900W	NS	001	A	$85.00
281666	TRI-3448 240V 900W	NS	001	A	$85.00
176591	TRI-3648 120V 850W	NS	001	A	$88.00
281674	TRI-3648 240V 850W	NS	001	A	$88.00
281682	TRI-3848 120V 1050W	NS	001	A	$91.00
281690	TRI-3848 240V 1050W	NS	001	A	$91.00
281703	TRI-4048 120V 975W	NS	001	A	$94.00
281711	TRI-4048 240V 975W	NS	001	A	$94.00
281720	TRI-4248 120V 1200W	NS	001	A	$97.00
281738	TRI-4248 240V 1200W	NS	001	A	$97.00
281746	TRI-4448 120V 1250W	NS	001	A	$100.00
281754	TRI-4448 240V 1250W	NS	001	A	$100.00
176604	TRI-4648 120V 1150W	NS	001	A	$110.00
281762	TRI-4648 240V 1150W	NS	001	A	$110.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
176612	TRI-4648 480V 1150W	NS	001	A	$108.00
281770	TRI-4848 120V 1350W	NS	001	A	$114.00
281789	TRI-4848 240V 1350W	NS	001	A	$114.00
281797	TRI-5048 120V 1450W	NS	001	A	$118.00
281800	TRI-5048 240V 1450W	NS	001	A	$118.00
176620	TRI-5248 120V 1325W	NS	001	A	$122.00
281818	TRI-5248 240V 1325W	NS	001	A	$122.00
176639	TRI-5248 480V 1325W	NS	001	A	$122.00
281826	TRI-5448 120V 1550W	NS	001	A	$125.00
281834	TRI-5448 240V 1550W	NS	001	A	$125.00
281842	TRI-5848 120V 1500W	NS	001	A	$133.00
281850	TRI-5848 240V 1500W	NS	001	A	$133.00
176647	TRI-5848 480V 1500W	NS	001	A	$133.00
281869	TRI-6248 120V 1850W	NS	000	A	$141.00
281877	TRI-6248 240V 1850W	NS	001	A	$141.00
176655	TRI-6448 120V 1675W	NS	001	A	$145.00
281885	TRI-6448 240V 1675W	NS	001	A	$145.00
176663	TRI-6448 480V 1675W	NS	001	A	$145.00
281893	TRI-6648 120V 1950W	NS	001	A	$149.00
281906	TRI-6648 240V 1950W	NS	001	A	$149.00
176671	TRI-7048 120V 1850W	NS	002	A	$157.00
281914	TRI-7048 240V 1850W	NS	002	A	$157.00
176680	TRI-7048 480V 1850W	NS	002	A	$157.00
281922	TRI-7448 240V 2250W	NS	002	A	$164.00
176698	TRI-7648 120V 2025W	NS	002	A	$168.00
281930	TRI-7648 240V 2025W	NS	002	A	$168.00
176700	TRI-7648 480V 2025W	NS	002	A	$168.00
281949	TRI-7848 240V 2350W	NS	002	A	$172.00
176719	TRI-8248 120V 2200W	NS	002	A	$180.00
281957	TRI-8248 240V 2200W	NS	002	A	$180.00
176727	TRI-8248 480V 2200W	NS	002	A	$180.00
281965	TRI-8648 240V 2600W	NS	002	A	$215.00
281973	TRI-8848 240V 2375W	NS	002	A	$218.00
176735	TRI-8848 480V 2375W	NS	002	A	$218.00
281981	TRI-9048 240V 2750W	NS	002	A	$222.00
176743	TRI-9448 240V 2550W	NS	002	A	$230.00
176751	TRI-9448 480V 2550W	NS	002	A	$230.00
281990	TRI-9848 240V 3000W	NS	002	A	$237.00
176760	TRI-10048 240V 2700W	NS	003	A	$241.00
176778	TRI-10048 480V 2700W	NS	003	A	$241.00
282001	TRI-10248 240V 3150W	NS	003	A	$244.00
176786	TRI-10648 240V 2875W	NS	003	A	$252.00
176794	TRI-10648 480V 2875W	NS	003	A	$252.00
282010	TRI-11248 240V 3050W	NS	003	A	$263.00
176807	TRI-11248 480V 3050W	NS	003	A	$263.00
.475 INCH DIAMETER: INCOLOY					
281316	TRI-1645 120V 450W	NS	001	A	$96.50
281324	TRI-1845 120V 540W	NS	001	A	$99.50
281332	TRI-2045 120V 635W	NS	001	A	$103.00
281340	TRI-2345 120V 750W	NS	001	A	$107.00
281359	TRI-2345 240V 750W	NS	001	A	$107.00
281367	TRI-2545 240V 825W	NS	001	A	$110.00
281375	TRI-2745 240V 900W	NS	001	A	$113.00
175716	TRI-2845 120V 1000W	NS	001	A	$115.00
281383	TRI-2845 240V 1000W	NS	001	A	$115.00
281391	TRI-3045 240V 1100W	NS	001	A	$118.00
281404	TRI-3245 240V 1200W	NS	001	A	$121.00
281412	TRI-3445 240V 1275W	NS	001	A	$124.00
281420	TRI-3645 240V 1350W	NS	001	A	$127.00
175724	TRI-4045 120V 1500W	NS	001	A	$133.00
281439	TRI-4045 240V 1500W	NS	001	A	$133.00
281447	TRI-4445 240V 1725W	NS	001	A	$139.00
281455	TRI-4645 240V 1800W	NS	001	A	$142.00
281463	TRI-5045 240V 1950W	NS	002	A	$150.00
281471	TRI-5445 240V 2000W	NS	003	A	$158.00
281244	TRI-5845 240V 2250W	NS	003	A	$165.00
175732	TRI-6045 120V 2500W	NS	003	A	$169.00
281252	TRI-6045 240V 2500W	NS	003	A	$169.00
281260	TRI-6645 240V 2750W	NS	004	A	$181.00
281279	TRI-7045 240V 3000W	NS	004	A	$189.00
281287	TRI-7445 240V 3125W	NS	004	A	$197.00
281295	TRI-7845 240V 3250W	NS	005	A	$204.00
281308	TRI-8545 240V 3500W	NS	005	A	$218.00
281480	TRI-10045 240V 4000W	NS	007	A	$324.00
281498	TRI-10845 240V 4500W	NS	007	A	$339.00
281500	TRI-11245 240V 4750W	NS	007	A	$347.00
143490	TRIW-2045 120V 1000W	NS	001	A	$103.00
143503	TRIW-2045 240V 1000W	NS	001	A	$103.00
143511	TRIW-2345 120V 1250W	NS	001	A	$107.00
175759	TRIW-2345 240V 1250W	NS	001	A	$107.00
143520	TRIW-2845 120V 1500W	NS	001	A	$115.00
143538	TRIW-2845 240V 1500W	NS	001	A	$115.00
175767	TRIW-2845 480V 1500W	NS	001	A	$115.00
143546	TRIW-4065 240V 2000W	NS	001	A	$133.00
143554	TRIW-4065 480V 2000W	NS	001	A	$133.00
143562	TRIW-4365 240V 2500W	NS	001	A	$138.00
143570	TRIW-4365 480V 2500W	NS	001	A	$138.00
143589	TRIW-5465 240V 3000W	NS	003	A	$158.00
143597	TRIW-5465 480V 3000W	NS	003	A	$158.00
143600	TRIW-6065 240V 3500W	NS	003	A	$169.00
143618	TRIW-7065 240V 4000W	NS	004	A	$189.00
143626	TRIW-7065 480V 4000W	NS	004	A	$189.00
143634	TRIW-8565 240V 5000W	NS	005	A	$218.00
143642	TRIW-8565 480V 5000W	NS	005	A	$218.00
143650	TRIW-10065 240V 6000W	NS	007	A	$324.00
143669	TRIW-10065 480V 6000W	NS	007	A	$324.00
143677	TRIW-11265 240V 7500W	NS	007	A	$347.00
143722	TRID-4065 240V 1000W	NS	001	A	$133.00
143730	TRID-4065 480V 1000W	NS	001	A	$133.00
143749	TRID-4365 240V 1250W	NS	001	A	$138.00
175740	TRID-4365 480V 1250W	NS	001	A	$138.00
143757	TRID-5465 240V 1500W	NS	003	A	$158.00
143765	TRID-5465 480V 1500W	NS	003	A	$158.00
143773	TRID-7065 240V 2000W	NS	004	A	$189.00
143781	TRID-7065 480V 2000W	NS	004	A	$189.00
143790	TRID-8565 240V 2500W	NS	005	A	$218.00
143802	TRID-8565 480V 2500W	NS	005	A	$218.00
143810	TRID-10065 240V 3000W	NS	007	A	$324.00
143829	TRID-10065 480V 3000W	NS	007	A	$324.00
143837	TRID-10865 240V 3334W	NS	007	A	$339.00
177586	TRID-10885 240V 2778W	NS	007	A	$345.00
328604	TRID-10885 480V 2778W	NS	003	A	$334.00
143845	TRID-13465 240V 4167W	NS	009	A	$387.00
143853	TRID-16065 240V 5000W	NS	008	A	$435.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
177560	TRID-7085 240V 1667W	NS	004	A	$194.00
177578	TRID-9285 240V 2225W	NS	006	A	$315.00

TRC TUBULAR ELEMENTS 146

.315 INCH DIAMETER: COPPER

PCN	DESCRIPTION	SS	WT	D	PRICE
175775	TRC-1648 120V 500W	NS	000	A	$26.00
175783	TRC-2048 120V 700W	NS	000	A	$31.75
175791	TRC-2048 240V 700W	NS	000	A	$31.75
175804	TRC-2848 120V 1125W	NS	001	A	$43.25
175812	TRC-2848 240V 1125W	NS	001	A	$43.25
175820	TRC-3248 120V 1325W	NS	001	A	$49.25
175839	TRC-3248 240V 1325W	NS	001	A	$49.25
175847	TRC-3648 120V 1525W	NS	001	A	$55.00
175855	TRC-3648 240V 1525W	NS	001	A	$55.00
175863	TRC-4048 120V 1725W	NS	001	A	$61.00
175871	TRC-4048 240V 1725W	NS	001	A	$61.00
175880	TRC-4648 120V 2050W	NS	001	A	$87.50
175898	TRC-4648 240V 2050W	NS	001	A	$87.50
175900	TRC-4648 480V 2050W	NS	001	A	$87.50
175919	TRC-5248 120V 2350W	NS	001	A	$99.00
175927	TRC-5248 240V 2350W	NS	001	A	$99.00
175935	TRC-5248 480V 2350W	NS	001	A	$99.00
175943	TRC-5848 120V 2675W	NS	001	A	$111.00
175951	TRC-5848 240V 2675W	NS	001	A	$111.00
177594	TRC-5848 480V 2675W	NS	001	A	$111.00
175960	TRC-6448 120V 2975W	NS	001	A	$122.00
175978	TRC-6448 240V 2975W	NS	001	A	$122.00
175986	TRC-6448 480V 2975W	NS	001	A	$122.00
175994	TRC-7048 240V 3300W	NS	002	A	$133.00
176006	TRC-7048 480V 3300W	NS	002	A	$133.00
176014	TRC-7648 240V 3600W	NS	002	A	$145.00
176022	TRC-7648 480V 3600W	NS	002	A	$145.00
176030	TRC-8248 240V 3900W	NS	002	A	$156.00
176049	TRC-8248 480V 3900W	NS	002	A	$156.00
176057	TRC-8848 240V 4225W	NS	002	A	$159.00
176065	TRC-8848 480V 4225W	NS	002	A	$159.00
176073	TRC-9448 240V 4525W	NS	002	A	$170.00
176081	TRC-9448 480V 4525W	NS	002	A	$170.00
176090	TRC-10048 240V 4850W	NS	003	A	$180.00
176102	TRC-10048 480V 4850W	NS	003	A	$180.00
176110	TRC-10648 240V 5150W	NS	003	A	$191.00
176129	TRC-10648 480V 5150W	NS	003	A	$191.00
176137	TRC-11248 240V 5475W	NS	003	A	$202.00
176145	TRC-11248 480V 5475W	NS	003	A	$202.00

.475 INCH DIAMETER: COPPER

PCN	DESCRIPTION	SS	WT	D	PRICE
173788	TRC-1645 120V 675W	NS	001	A	$64.50
173796	TRC-1845 120V 815W	NS	001	A	$67.50
173809	TRC-2045 120V 1000W	NS	001	A	$70.00
173817	TRC-2045 208V 1000W	NS	001	A	$70.00
173825	TRC-2045 240V 1000W	NS	001	A	$70.00
328516	TRC-2045 277V 1000W	NS	001	A	$70.00
173833	TRC-2345 120V 1250W	NS	001	A	$74.50
173841	TRC-2345 208V 1250W	NS	001	A	$74.50
173850	TRC-2345 240V 1250W	NS	001	A	$74.50
328524	TRC-2345 277V 1250W	NS	001	A	$74.50
173868	TRC-2545 120V 1300W	NS	001	A	$77.50
173876	TRC-2545 240V 1300W	NS	001	A	$77.50
173884	TRC-2745 120V 1450W	NS	001	A	$80.50
173892	TRC-2745 240V 1450W	NS	001	A	$80.50
173905	TRC-2845 120V 1500W	NS	001	A	$82.00
173913	TRC-2845 208V 1500W	NS	001	A	$82.00
173921	TRC-2845 240V 1500W	NS	001	A	$82.00
173930	TRC-2845 480V 1500W	NS	001	A	$82.00
173948	TRC-3045 120V 1650W	NS	001	A	$84.50
173956	TRC-3045 240V 1650W	NS	001	A	$84.50
173964	TRC-3245 120V 1800W	NS	001	A	$87.50
173972	TRC-3245 240V 1800W	NS	001	A	$87.50
173980	TRC-3445 120V 1950W	NS	001	A	$90.50
173999	TRC-3445 240V 1950W	NS	001	A	$90.50
174000	TRC-3645 120V 2100W	NS	001	A	$93.50
174019	TRC-3645 240V 2100W	NS	001	A	$93.50
174027	TRC-3845 120V 2200W	NS	001	A	$96.50
174035	TRC-3845 240V 2200W	NS	001	A	$96.50

.475 INCH DIAMETER: COPPER

PCN	DESCRIPTION	SS	WT	D	PRICE
174043	TRCC-4065 120V 2000W	NS	001	A	$99.00
174051	TRCC-4065 208V 2000W	NS	001	A	$99.00
174060	TRCC-4065 240V 2000W	NS	001	A	$99.00
174078	TRCC-4065 480V 2000W	NS	001	A	$99.00
174086	TRCC-4165 120V 2350W	NS	001	A	$101.00
174094	TRCC-4165 240V 2350W	NS	001	A	$101.00
174107	TRCC-4365 120V 2500W	NS	001	A	$104.00
174115	TRCC-4365 208V 2500W	NS	001	A	$104.00
174123	TRCC-4365 240V 2500W	NS	001	A	$104.00
174131	TRCC-4365 480V 2500W	NS	001	A	$104.00
174140	TRCC-4465 120V 2600W	NS	001	A	$105.00
174158	TRCC-4465 240V 2600W	NS	001	A	$105.00
174166	TRCC-4665 120V 2700W	NS	001	A	$120.00
174174	TRCC-4665 240V 2700W	NS	001	A	$120.00
174182	TRCC-4865 120V 2800W	NS	002	A	$124.00
174190	TRCC-4865 240V 2800W	NS	002	A	$124.00
174203	TRCC-5065 120V 2900W	NS	002	A	$128.00
174211	TRCC-5065 240V 2900W	NS	002	A	$128.00
174220	TRCC-5465 208V 3000W	NS	003	A	$135.00
174238	TRCC-5465 240V 3000W	NS	003	A	$135.00
174246	TRCC-5465 480V 3000W	NS	003	A	$135.00
174254	TRCC-5865 240V 3250W	NS	003	A	$143.00
174262	TRCC-5865 480V 3250W	NS	003	A	$143.00
174270	TRCC-6065 240V 3500W	NS	003	A	$147.00
174289	TRCC-6065 480V 3500W	NS	003	A	$147.00
174297	TRCC-6665 240V 3750W	NS	004	A	$158.00
174300	TRCC-6665 480V 3750W	NS	004	A	$158.00
174318	TRCC-7065 208V 4000W	NS	004	A	$166.00
174326	TRCC-7065 240V 4000W	NS	004	A	$166.00
174334	TRCC-7065 480V 4000W	NS	004	A	$166.00
174342	TRCC-7465 240V 4250W	NS	004	A	$173.00
174350	TRCC-7465 480V 4250W	NS	004	A	$173.00
174369	TRCC-7865 240V 4500W	NS	005	A	$181.00
174377	TRCC-7865 480V 4500W	NS	005	A	$181.00
174385	TRCC-8265 240V 4750W	NS	005	A	$188.00
174393	TRCC-8265 480V 4750W	NS	005	A	$188.00
174406	TRCC-8565 208V 5000W	NS	005	A	$194.00
174414	TRCC-8565 240V 5000W	NS	005	A	$194.00
174422	TRCC-8565 480V 5000W	NS	005	A	$194.00
174430	TRCC-9065 240V 5250W	NS	006	A	$246.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
174449	TRCC-9065 480V 5250W	NS	006	A	$246.00
174457	TRCC-9465 240V 5500W	NS	006	A	$253.00
174465	TRCC-9465 480V 5500W	NS	006	A	$253.00
174473	TRCC-9865 240V 5750W	NS	006	A	$261.00
174481	TRCC-9865 480V 5750W	NS	006	A	$261.00
174490	TRCC-10065 208V 6000W	NS	007	A	$264.00
174502	TRCC-10065 240V 6000W	NS	007	A	$264.00
174510	TRCC-10065 480V 6000W	NS	007	A	$264.00
174529	TRCC-10865 208V 6667W	NS	007	A	$279.00
174537	TRCC-10865 240V 6667W	NS	007	A	$279.00
174545	TRCC-10865 480V 6667W	NS	007	A	$279.00
174553	TRCC-13465 480V 8334W	NS	009	A	$325.00
174561	TRCC-16065 480V 10000W	NS	010	A	$372.00
174570	TRCC-6085 240V 2778W	NS	003	A	$147.00
174588	TRCC-7885 240V 4166W	NS	005	A	$181.00
174596	TRCC-9285 240V 5556W	NS	006	A	$250.00

STRS TUBULAR ELEMENTS 147

.315 INCH DIAMETER: STEEL

170608	STRS-1248 120V 150W	NS	001	A	$32.75
170616	STRS-1648 120V 225W	NS	001	A	$43.00
170624	STRS-1648 240V 225W	ST	001	A	$42.50
170632	STRS-2048 120V 300W	NS	001	A	$53.50
170640	STRS-2048 240V 300W	NS	001	A	$53.00
170659	STRS-2448 120V 375W	NS	001	A	$63.50
170667	STRS-2448 240V 375W	NS	001	A	$63.00
170675	STRS-2848 120V 450W	NS	001	A	$73.00
170683	STRS-2848 240V 450W	ST	001	A	$73.00
170691	STRS-3248 120V 550W	NS	001	A	$84.00
170704	STRS-3248 240V 550W	NS	001	A	$83.50
170712	STRS-3648 120V 625W	NS	001	A	$93.50
170720	STRS-3648 240V 625W	NS	001	A	$93.50
170739	STRS-4048 120V 700W	NS	001	A	$105.00
170747	STRS-4048 240V 700W	NS	001	A	$104.00
170755	STRS-4448 120V 775W	NS	001	A	$114.00
170763	STRS-4448 240V 775W	NS	001	A	$114.00
170771	STRS-4848 120V 850W	NS	001	A	$125.00
170780	STRS-4848 240V 850W	NS	001	A	$124.00
170798	STRS-5248 120V 925W	NS	001	A	$135.00
170800	STRS-5248 240V 925W	NS	001	A	$135.00
170819	STRS-5648 120V 1025W	NS	001	A	$145.00
170827	STRS-5648 240V 1025W	NS	001	A	$145.00
170835	STRS-6048 120V 1075W	NS	001	A	$155.00
170843	STRS-6048 240V 1100W	NS	001	A	$155.00
170851	STRS-7248 120V 875W	NS	002	A	$186.00
170860	STRS-7248 240V 1325W	NS	002	A	$186.00
170878	STRS-8448 120V 750W	NS	002	A	$217.00
170886	STRS-8448 240V 1575W	NS	002	A	$216.00
170894	STRS-9648 120V 650W	NS	002	A	$247.00
170907	STRS-9648 240V 1800W	NS	002	A	$247.00
170915	STRS-10848 120V 575W	NS	003	A	$278.00
170923	STRS-10848 240V 2050W	NS	003	A	$277.00
170931	STRS-12048 120V 500W	NS	003	A	$308.00
170940	STRS-12048 240V 2000W	NS	003	A	$308.00

.475 INCH DIAMETER: STEEL

149542	STRS-1245 120V 200W	NS	001	A	$35.75
149550	STRS-1645 120V 325W	NS	001	A	$57.00
149569	STRS-1645 240V 325W	NS	001	A	$47.00
149577	STRS-2045 120V 450W	NS	001	A	$68.50
149585	STRS-2045 240V 450W	NS	001	A	$58.50
149593	STRS-2445 120V 575W	NS	001	A	$80.00
149606	STRS-2445 240V 575W	NS	001	A	$70.00
149614	STRS-2845 120V 700W	NS	001	A	$81.00
149622	STRS-2845 240V 700W	NS	001	A	$81.00
149630	STRS-3245 120V 800W	NS	001	A	$92.50
149649	STRS-3245 240V 800W	NS	001	A	$92.50
149657	STRS-3645 120V 925W	NS	001	A	$114.00
149665	STRS-3645 240V 925W	NS	001	A	$104.00
149673	STRS-4045 120V 1050W	NS	001	A	$115.00
149681	STRS-4045 240V 1050W	NS	001	A	$115.00
149690	STRS-4445 120V 1175W	NS	001	A	$127.00
149702	STRS-4445 240V 1175W	NS	001	A	$127.00
149710	STRS-4845 120V 1275W	NS	002	A	$149.00
149729	STRS-4845 240V 1275W	NS	002	A	$138.00
149737	STRS-5245 120V 1400W	NS	002	A	$149.00
149745	STRS-5245 240V 1400W	NS	002	A	$149.00
149753	STRS-5645 120V 1325W	NS	003	A	$171.00
149761	STRS-5645 240V 1525W	NS	003	A	$161.00
149770	STRS-6045 120V 1225W	NS	003	A	$183.00
149788	STRS-6045 240V 1650W	NS	003	A	$172.00
149796	STRS-7245 120V 1000W	NS	004	A	$206.00
149809	STRS-7245 240V 2000W	NS	004	A	$206.00
149817	STRS-8445 120V 850W	NS	005	A	$240.00
149825	STRS-8445 240V 2350W	NS	005	A	$240.00
149833	STRS-9645 120V 750W	NS	006	A	$274.00
149841	STRS-9645 240V 2725W	NS	006	A	$274.00
149850	STRS-10845 120V 650W	NS	007	A	$308.00
149868	STRS-10845 240V 2600W	NS	007	A	$308.00
149876	STRS-12045 120V 575W	NS	008	A	$342.00
149884	STRS-12045 240V 2300W	NS	008	A	$342.00

STRI TUBULAR ELEMENTS 148

.315 INCH DIAMETER: INCOLOY

170958	STRI-1248 120V 225W	ST	001	A	$35.50
170966	STRI-1648 120V 325W	ST	001	A	$45.50
170974	STRI-1648 240V 325W	NS	001	A	$45.00
170982	STRI-2048 120V 450W	NS	001	A	$55.50
170990	STRI-2048 240V 450W	NS	001	A	$55.00
171002	STRI-2448 120V 575W	ST	001	A	$65.50
171010	STRI-2448 240V 575W	ST	001	A	$65.00
171029	STRI-2848 120V 700W	NS	001	A	$75.50
171037	STRI-2848 240V 700W	NS	001	A	$75.00
171045	STRI-3248 120V 800W	NS	001	A	$85.50
171053	STRI-3248 240V 800W	NS	001	A	$85.00
171061	STRI-3648 120V 925W	NS	001	A	$95.50
171070	STRI-3648 240V 925W	NS	001	A	$95.00
171088	STRI-4048 120V 1050W	NS	001	A	$106.00
171096	STRI-4048 240V 1050W	ST	001	A	$105.00
171109	STRI-4448 120V 1175W	NS	001	A	$115.00
171117	STRI-4448 240V 1175W	NS	001	A	$116.00
171125	STRI-4848 120V 1200W	NS	001	A	$125.00
171133	STRI-4848 240V 1275W	NS	001	A	$126.00
171141	STRI-5248 120V 1200W	NS	001	A	$136.00
171150	STRI-5248 240V 1400W	NS	001	A	$135.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
171168	STRI-5648 120V 1150W	NS	001	A	$145.00
171176	STRI-5648 240V 1525W	NS	001	A	$146.00
171184	STRI-6048 120V 1075W	NS	001	A	$155.00
171192	STRI-6048 240V 1650W	NS	001	A	$156.00
171205	STRI-7248 120V 875W	NS	002	A	$185.00
171213	STRI-7248 240V 2000W	ST	002	A	$186.00
171221	STRI-8448 120V 750W	NS	002	A	$216.00
171230	STRI-8448 240V 2350W	NS	002	A	$215.00
171248	STRI-9648 120V 650W	NS	002	A	$245.00
171256	STRI-9648 240V 2400W	NS	002	A	$245.00
171264	STRI-10848 120V 575W	NS	003	A	$276.00
171272	STRI-10848 240V 2300W	NS	003	A	$275.00
171280	STRI-12048 120V 500W	NS	003	A	$306.00
171299	STRI-12048 240V 2000W	NS	003	A	$305.00
.475 INCH DIAMETER: INCOLOY					
149892	STRI-1245 120V 325W	NS	001	A	$94.00
149905	STRI-1645 120V 500W	NS	001	A	$109.00
149913	STRI-1645 240V 500W	NS	001	A	$47.00
149921	STRI-2045 120V 675W	NS	001	A	$58.50
149930	STRI-2045 240V 675W	NS	001	A	$58.50
149948	STRI-2445 120V 850W	NS	001	A	$138.00
149956	STRI-2445 240V 850W	NS	001	A	$70.00
149964	STRI-2845 120V 1025W	NS	001	A	$153.00
149972	STRI-2845 240V 1025W	NS	001	A	$81.00
149980	STRI-3245 120V 1225W	NS	001	A	$92.50
149999	STRI-3245 240V 1225W	NS	001	A	$92.50
170018	STRI-3645 120V 1400W	NS	001	A	$104.00
170026	STRI-3645 240V 1400W	NS	001	A	$104.00
170034	STRI-4045 120V 1575W	NS	001	A	$196.00
170042	STRI-4045 240V 1575W	ST	001	A	$115.00
170050	STRI-4445 120V 1750W	NS	001	A	$211.00
170069	STRI-4445 240V 1750W	NS	001	A	$127.00
170077	STRI-4845 120V 1575W	NS	002	A	$138.00
170085	STRI-4845 240V 1925W	NS	002	A	$138.00
170093	STRI-5245 120V 1450W	NS	002	A	$149.00
170106	STRI-5245 240V 2100W	NS	002	A	$149.00
170114	STRI-5645 120V 1325W	NS	003	A	$255.00
170122	STRI-5645 240V 2275W	NS	003	A	$161.00
170130	STRI-6045 120V 1225W	NS	003	A	$270.00
170149	STRI-6045 240V 2475W	NS	003	A	$172.00
170157	STRI-7245 120V 1000W	NS	004	A	$206.00
170165	STRI-7245 240V 3000W	NS	004	A	$206.00
170173	STRI-8445 120V 850W	NS	005	A	$357.00
170181	STRI-8445 240V 3400W	NS	005	A	$240.00
170190	STRI-9645 120V 750W	NS	006	A	$401.00
170202	STRI-9645 240V 3000W	NS	006	A	$274.00
170210	STRI-10845 120V 650W	NS	007	A	$308.00
170229	STRI-10845 240V 2600W	NS	007	A	$308.00
170237	STRI-12045 120V 575W	NS	008	A	$342.00
170245	STRI-12045 240V 2300W	NS	008	A	$342.00

STRC TUBULAR ELEMENTS 149

.315 INCH DIAMETER: COPPER					
170253	STRC-1248 120V 350W	NS	001	A	$25.75
170261	STRC-1648 120V 550W	NS	001	A	$33.25
170270	STRC-1648 240V 550W	NS	001	A	$33.25
170288	STRC-2048 120V 750W	NS	001	A	$40.50
170296	STRC-2048 240V 750W	NS	001	A	$40.50
170309	STRC-2448 120V 950W	NS	001	A	$47.75
170317	STRC-2448 240V 950W	NS	001	A	$47.75
170325	STRC-2848 120V 1150W	NS	001	A	$55.00
170333	STRC-2848 240V 1150W	NS	001	A	$55.00
170341	STRC-3248 120V 1200W	NS	001	A	$62.50
170350	STRC-3248 240V 1350W	NS	001	A	$62.50
170368	STRC-3648 120V 1200W	NS	001	A	$70.00
170376	STRC-3648 240V 1500W	NS	001	A	$70.00
170384	STRC-4048 120V 1200W	NS	001	A	$77.00
170392	STRC-4048 240V 1750W	NS	001	A	$77.00
170405	STRC-4448 120V 1200W	NS	001	A	$84.50
170413	STRC-4448 240V 1950W	NS	001	A	$84.50
170421	STRC-4848 120V 1200W	NS	001	A	$91.50
170430	STRC-4848 240V 2150W	NS	001	A	$91.50
170448	STRC-5248 120V 1200W	NS	001	A	$99.00
170456	STRC-5248 240V 2350W	NS	001	A	$99.00
170464	STRC-5648 120V 1150W	NS	001	A	$107.00
170472	STRC-5648 240V 2400W	NS	001	A	$107.00
170480	STRC-6048 120V 1075W	NS	001	A	$114.00
170499	STRC-6048 240V 2400W	NS	001	A	$114.00
170501	STRC-7248 120V 875W	NS	002	A	$136.00
170510	STRC-7248 240V 2400W	NS	002	A	$136.00
170528	STRC-8448 120V 750W	NS	002	A	$158.00
170536	STRC-8448 240V 2400W	NS	002	A	$158.00
170544	STRC-9648 120V 650W	NS	002	A	$180.00
170552	STRC-9648 240V 2400W	NS	002	A	$180.00
170560	STRC-10848 120V 575W	NS	003	A	$202.00
170579	STRC-10848 240V 2300W	NS	003	A	$202.00
170587	STRC-12048 120V 500W	NS	003	A	$224.00
170595	STRC-12048 240V 2000W	NS	003	A	$224.00
.475 INCH DIAMETER: COPPER					
149198	STRC-1245 120V 525W	NS	001	A	$35.75
149200	STRC-1645 120V 825W	NS	001	A	$47.00
149219	STRC-1645 240V 825W	NS	001	A	$47.00
149227	STRC-2045 120V 1125W	NS	001	A	$58.50
149235	STRC-2045 240V 1125W	NS	001	A	$58.50
149243	STRC-2445 120V 1425W	NS	001	A	$70.00
149251	STRC-2445 240V 1425W	NS	001	A	$70.00
149260	STRC-2845 120V 1725W	NS	001	A	$81.00
149278	STRC-2845 240V 1725W	NS	001	A	$81.00
149286	STRC-3245 120V 2525W	NS	001	A	$92.50
149294	STRC-3245 240V 2025W	NS	001	A	$92.50
149307	STRC-3645 120V 2200W	NS	001	A	$104.00
149315	STRC-3645 240V 2325W	NS	001	A	$104.00
149323	STRC-4045 120V 1950W	NS	001	A	$115.00
149331	STRC-4045 240V 2625W	NS	001	A	$115.00
149340	STRC-4445 120V 1750W	NS	001	A	$127.00
149358	STRC-4445 240V 2925W	NS	001	A	$127.00
149366	STRC-4845 120V 1575W	NS	001	A	$138.00
149374	STRC-4845 240V 3225W	NS	002	A	$138.00
149382	STRC-5245 120V 1450W	NS	002	A	$149.00
149390	STRC-5245 240V 3525W	NS	002	A	$149.00
149403	STRC-5645 120V 1325W	NS	003	A	$161.00
149411	STRC-5645 240V 3825W	NS	003	A	$161.00
149420	STRC-6045 120V 1225W	NS	003	A	$172.00
149438	STRC-6045 240V 4125W	NS	003	A	$172.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
149446	STRC-7245 120V 1000W	NS	004	A	$206.00
149454	STRC-7245 240V 4000W	NS	004	A	$206.00
149462	STRC-8445 120V 850W	NS	005	A	$240.00
149470	STRC-8445 240V 3400W	NS	005	A	$240.00
149489	STRC-9645 120V 750W	NS	006	A	$274.00
149497	STRC-9645 240V 3000W	NS	006	A	$274.00
149500	STRC-10845 240V 2600W	NS	007	A	$308.00
149518	STRC-10845 240V 2600W	NS	007	A	$308.00
149526	STRC-12045 120V 575W	NS	008	A	$342.00
149534	STRC-12045 240V 2300W	NS	008	A	$342.00

ATS,ATU TUBULAR ELEMENTS 150

3/8 INCH DIA STRAIGHT: INCOLOY					
283194	ATS-2160 120V 600W	NS	000	A	$90.00
149112	ATS-2157 240V 575W	NS	000	A	$90.00
149120	ATS-2660 120V 600W	NS	001	A	$93.50
149139	ATS-2667 240V 675W	NS	001	A	$93.50
149163	ATS-4313 240V 1350W	NS	001	A	$153.00
7/16 INCH DIA STRAIGHT:INCOLOY					
149147	ATS-2610 120V 1000W	NS	000	A	$142.00
283207	ATS-2690 240V 900W	NS	001	A	$142.00
149155	ATS-3310 120V 1000W	NS	001	A	$146.00
283215	ATS-3312 240V 1200W	NS	001	A	$146.00
3/8 INCH DIA U-SHAPE: INCOLOY					
283223	ATU-1060 120V 600W	NS	001	A	$96.00
283231	ATU-1057 240V 575W	NS	001	A	$96.00
283240	ATU-1260 120V 600W	NS	001	A	$99.00
283258	ATU-1267 240V 675W	NS	001	A	$99.00
283303	ATU-2113 240V 1350W	NS	001	A	$159.00
7/16 INCH DIA U SHAPE: INCOLOY					
283266	ATU-1310 120V 1000W	NS	001	A	$147.00
283274	ATU-1390 240V 900W	NS	001	A	$147.00
283282	ATU-1610 120V 1000W	NS	001	A	$152.00
283290	ATU-1612 240V 1200W	NS	001	A	$152.00

AEPS EX-P STRIP HTR 151

235213	AEPS-024-220-917 120V 220W	NS	025	A	$1659.00
235221	AEPS-024-220-917 240V 220W	NS	025	A	$1659.00
235230	AEPS-036-330-917 120V330W	NS	000	A	$1738.00
235248	AEPS-036-330-917 240V 330W	NS	033	A	$1738.00
235256	AEPS-048-440-917 120V 440W	NS	040	A	$1821.00
235264	AEPS-048-440-917 240V 440W	NS	040	A	$1821.00
235222	AEPS-060-550-917 208V 550W	NS	048	A	$1905.00
235280	AEPS-060-550-917 240V 550W	NS	048	A	$1905.00
235299	AEPS-072-660-917 208V 660W	NS	055	A	$1977.00
235301	AEPS-072-660-917 240V 660W	NS	055	A	$1977.00
235310	AEPS-084-770-917 208V 770W	NS	063	A	$2056.00
235328	AEPS-084-770-917 240V 770W	NS	063	A	$2056.00
235336	AEPS-096-880-917 240V 880W	NS	070	A	$2143.00
235344	AEPS-096-880-917 480V 880W	NS	070	A	$2143.00
235352	AEPS-108-990-917 277V 990W	NS	078	A	$2228.00
235360	AEPS-108-990-917 480V 990W	NS	078	A	$2228.00
235379	AEPS-120-1100-917 277V 1100W	NS	085	A	$2316.00

TSSM TUBULAR ELEMENTS 154

.200 INCH DIA: INCOLOY					
143319	TSSM-6 28V 75W	NS	001	A	$83.00
143327	TSSM-8 57.7V 110W	NS	001	A	$86.00
143335	TSSM-10 57.7V 150W	NS	001	A	$89.00
143343	TSSM-12 115V 175W	ST	001	A	$92.00
143351	TSSM-14 115V 225W	ST	001	A	$95.00
143360	TSSM-16 115V 275W	NS	001	A	$98.00
143378	TSSM-18 115V 300W	ST	001	A	$101.00
143386	TSSM-20 115V 350W	ST	001	A	$104.00
143394	TSSM-30 115V 830W	ST	001	A	$119.00
143407	TSSM-40 115V 1120W	ST	001	A	$134.00
143415	TSSM-50 115V 1400W	ST	001	A	$177.00
143423	TSSM-60 115V 1400W	NS	001	A	$196.00
143431	TSSM-70 115V 1200W	ST	001	A	$215.00

COMPRESSION FITTINGS 158

143474	CMPFTG-S246	NS	001	A	$64.00
144151	CMPFTG-B246	NS	001	A	$57.00
143466	CMPFTG-S315	NS	001	A	$66.00
144143	CMPFTG-B315	NS	001	A	$59.00
143458	CMPFTG-S475	NS	001	A	$68.00
144135	CMPFTG-B475	NS	001	A	$61.00

Additional Features-Tubular Elements

1. New Item Engineering Charge pro-rated over the quantity of each item ordered. No charge applies — $100

Total list value amount of quanitity for no charge to apply — $500

This adder does not apply to PCN/Catalog-Items used as is with mods. below, except when specified "plus note #1". This adder applies only once per item per order.

2. Special wattage distribution (also add new item engineering charge) — $30

3. Special sheath length use list price of next longest PCN, plus new item engineering charge

4. Special cold end charge per even inch per end for cold end longer than standard (also add new item engineering charge) — $2

5. Special sheath material, check factory.

6. Threaded fittings - Prices are per pair (Selected thread sizes only for Stake-on fittings. Check representative in your area.)

.246 inch dia.

	Braze/Weld	Stake-on
Stnls	$32.00	N/A
Brass	$24.85	N/A
Steel	$24.85	N/A

.260 inch dia.

	Braze/Weld	Stake-on
Stnls	$32.00	N/A
Brass	$24.85	$11.35
Steel	$24.85	N/A

.315, .375 and 3/8 inch dia.

	Braze/Weld	Stake-on
Stnls	$37.50	N/A
Brass	$25.70	$11.35
Steel	$25.70	N/A

.430, .475 and 1/2 inch dia.

	Braze/Weld	Stake-on
Stnls	$39.50	N/A
Brass	$27.30	$12.55
Steel	$27.30	N/A

7. Bending charges per bend — $6

Bending set-up charge — $30

8. Special Leadwire Length for single end tubular longer than standard (per foot or fraction thereof per lead.) — $2

9. Special terminals

Type no. 8-No extra charge

Type no. 13-10 inch std. lead length

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PCN	DESCRIPTION	SS	WT	D	PRICE
	.475 and 1/2 inch dia.				$23
	.315 and 3/8 inch dia.				$21
	.246 dia.				$18
	For longer leads (add per foot or fraction thereof, per lead)				$1
	Type no. 23 (also add new item engineering charge)				$5
	Type no. 24				$5
	Type no. 25, no extra charge				
	Type no. 26				
	.315 and 3/8 inch dia. (also add new item engineering charge)				$107
	.475 and 1/2 inch dia. (also add new item engineering charge)				$119
	Type no. 30, No extra charge				
	Type no. 37				$18
	Type no. 38				$31
	For leads longer than 12 inch (for each additional foot or fraction thereof, per lead)				$2
	Type no. 39-Add $7.20 to list price				$8
	Type no. 40-Add $7.20 to list price				$8
	Type no. 42-Add $9.40 to list price				$11
	Type no. 43-Silicone seal (plus terminal type adder, if applicable)				$3
	Type no. 47L-For 105 Deg C Lead Wire				$17
	For longer leads (per foot or fraction thereof per lead.)				$1
	Type 47M-For 200 Deg C Lead Wire				$21
	For longer leads (per foot or fraction thereof per lead.)				$2
	10. V Seal (Specified as "-V" after Catalog Code)				$14
	11. V Seal Plus (Specified as "-VP" after Catalog Code)				$18
	12. A Seal (Specified as "-AS" after Catalog Code)				$20
	13. RX Seal (Specified as "-RX" after Catalog Code)				$24
	14. XB Seal (Specified as "-XB" after Catalog Code)				$24

C CARTRIDGE HEATERS 166

1 INCH (1.00 INCH) DIAMETER

PCN				SS	WT	D	PRICE
137904	C-702	120V	165W	NS	001	A	$102.00
137912	C-702	240V	165W	NS	001	A	$102.00
137920	C-703	120V	300W	NS	001	A	$109.00
137939	C-703	240V	300W	NS	001	A	$109.00
137947	C-704	120V	375W	NS	001	A	$130.00
137955	C-704	240V	375W	ST	001	A	$130.00
137963	C-705	120V	600W	NS	001	A	$143.00
137971	C-705	240V	600W	ST	001	A	$143.00
137980	C-706	120V	500W	NS	001	A	$160.00
137998	C-706	240V	500W	NS	001	A	$160.00
138000	C-707	120V	700W	NS	001	A	$181.00
138018	C-707	240V	700W	NS	001	A	$181.00
138026	C-708	120V	750W	NS	001	A	$190.00
138034	C-708	240V	750W	NS	001	A	$194.00
138042	C-709	120V	800W	NS	001	A	$211.00
138050	C-709	240V	800W	NS	001	A	$216.00
275944	C-713	120V	125W	NS	002	A	$281.00
138077	C-713	240V	1250W	NS	002	A	$281.00
275987	C-714	240V	1300W	NS	002	A	$303.00
275995	C-715	240V	1425W	NS	002	A	$331.00
276007	C-716	240V	1375W	NS	002	A	$361.00

C CARTRIDGE HEATERS 167

1 19/64 INCHES (1.296 INCHES)

PCN				SS	WT	D	PRICE
138288	C-803	120V	350W	NS	001	A	$119.00
138296	C-803	240V	350W	NS	001	A	$118.00
138317	C-804	240V	300W	NS	001	A	$135.00
138309	C-804	120V	300W	NS	001	A	$131.00
138325	C-806	120V	600W	NS	001	A	$137.00
138333	C-806	240V	600W	NS	001	A	$137.00
138341	C-807	120V	500W	NS	001	A	$152.00
138350	C-807	240V	500W	NS	001	A	$148.00
138368	C-808	120V	500W	NS	001	A	$168.00
138376	C-808	240V	500W	NS	001	A	$168.00
138392	C-830	240V	1000W	NS	001	A	$171.00
138384	C-830	120V	1000W	NS	001	A	$171.00
138405	C-810	120V	1200W	NS	001	A	$171.00
138413	C-810	240V	1200W	ST	001	A	$171.00
138421	C-811	120V	650W	NS	002	A	$181.00
138430	C-811	240V	650W	NS	002	A	$181.00
138448	C-812	120V	1000W	NS	002	A	$198.00
138456	C-812	240V	1000W	NS	002	A	$201.00
138464	C-813	120V	750W	NS	002	A	$216.00
138472	C-813	240V	750W	NS	002	A	$216.00
138480	C-815	120V	1250W	NS	002	A	$246.00
138499	C-815	240V	1250W	NS	002	A	$252.00
138501	C-816	120V	1300W	NS	003	A	$263.00
138510	C-816	240V	1300W	NS	003	A	$263.00
277085	C-817	240V	1400W	NS	003	A	$288.00
277093	C-819	240V	1625W	NS	003	A	$313.00
277106	C-822	240V	1780W	NS	004	A	$377.00

C CARTRIDGE HEATERS 187

1-1/4 INCH DIAMETER

PCN				SS	WT	D	PRICE
177703	C-08121	240V	900W	NS	003	A	$735.00
177711	C-08122	480V	900W	NS	003	A	$735.00
177720	C-08123	240V	1500W	NS	003	A	$735.00
177738	C-08124	480V	1500W	NS	003	A	$757.00
177746	C-08181	240V	1400W	NS	004	A	$942.00
177754	C-08182	480V	1400W	NS	004	A	$942.00
177762	C-08183	240V	2400W	NS	004	A	$942.00
177770	C-08184	480V	2400W	NS	004	A	$942.00
177789	C-08241	240V	1800W	NS	005	A	$1110.00
177797	C-08242	480V	1800W	NS	005	A	$1110.00
177800	C-08243	240V	3200W	NS	005	A	$1078.00
177818	C-08244	480V	3200W	NS	005	A	$1078.00
177826	C-08301	240V	2300W	NS	007	A	$1303.00
177834	C-08302	480V	2300W	NS	007	A	$1303.00
177842	C-08303	240V	4000W	NS	007	A	$1303.00
177850	C-08304	480V	4000W	NS	007	A	$1266.00
177869	C-08361	240V	2800W	NS	008	A	$1484.00
177877	C-08362	480V	2800W	NS	008	A	$1484.00
177885	C-08363	240V	3800W	NS	008	A	$1484.00
177893	C-08364	480V	5000W	NS	008	A	$1439.00

Additional Features

1. New Item Engineering Charge pro-rated over the quantity of each item ordered. No charge applies — $100

Total list value amount of quanitity for no charge to apply — $500

2. Special length use next longer standard length and add new item engineering charge (if over 36 inches, consult factory)

3. Sleeving to 1-1/2 inch dia, check factory.

4. Stainless steel sheath 1 inch dia. (add to base list price)

CIR CARTRIDGE HEATERS 171

1/4 INCH (.248 INCH) DIAMETER

PCN				SS	WT	D	PRICE
279216	CIR-1013	120V	75W	ST	001	A	$55.50

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PCN	DESCRIPTION	SS	WT	D	PRICE
274255	CIR-1012 120V 100W	ST	001	A	$55.50
279224	CIR-1014 120V 150W	ST	001	A	$55.50
242069	CIR-1026 120V 80W	ST	001	A	$59.50
279232	CIR-1016 120V 50W	NS	001	A	$56.50
279240	CIR-1017 120V 100W	NS	001	A	$56.50
274263	CIR-1015 120V 125W	ST	001	A	$56.50
279259	CIR-1018 120V 150W	NS	001	A	$56.50
279267	CIR-1019 120V 175W	NS	001	A	$56.50
279275	CIR-1019 240V 175W	NS	001	A	$56.50
279283	CIR-10151 120V 200W	ST	001	A	$56.50
279291	CIR-10151 240V 200W	ST	001	A	$56.50
283952	CIR-10153 240V 250W	ST	001	A	$56.50
279304	CIR-1021 120V 100W	ST	001	A	$59.50
279312	CIR-1022 120V 125W	NS	001	A	$59.50
279320	CIR-1022 240V 125W	NS	001	A	$59.50
274271	CIR-1020 120V 150W	ST	001	A	$59.50
279339	CIR-1020 240V 150W	ST	001	A	$59.50
284664	CIR-10201 240V 300W	NS	001	A	$59.50
279347	CIR-1023 120V 200W	NS	001	A	$59.50
279355	CIR-1023 240V 200W	ST	001	A	$59.50
279363	CIR-1024 120V 250W	ST	001	A	$59.50
279371	CIR-1024 240V 250W	ST	001	A	$59.50
279380	CIR-1025 120V 175W	NS	001	A	$62.50
279398	CIR-1025 240V 175W	NS	001	A	$62.50
284550	CIR-1027 120V 200W	NS	001	A	$62.50
283960	CIR-1027 240V 200W	NS	001	A	$62.50
242085	CIR-1029 120V 250W	ST	001	A	$62.50
242093	CIR-1029 240V 250W	NS	001	A	$62.50
279400	CIR-1031 120V 100W	NS	001	A	$65.50
279419	CIR-1031 240V 100W	NS	001	A	$65.50
284605	CIR-1034 120V 150W	NS	001	A	$65.50
283979	CIR-1034 240V 150W	ST	001	A	$65.50
274280	CIR-1030 120V 200W	ST	001	A	$65.50
279427	CIR-1030 240V 200W	NS	001	A	$65.50
284672	CIR-10301 240V 250W	ST	001	A	$65.50
279435	CIR-1032 120V 300W	ST	001	A	$65.50
279443	CIR-1032 240V 300W	ST	001	A	$65.50
279451	CIR-1033 240V 400W	ST	001	A	$65.50
279460	CIR-1035 120V 100W	NS	001	A	$67.50
279478	CIR-1035 240V 100W	NS	001	A	$67.50
279486	CIR-1036 120V 200W	NS	001	A	$67.50
279494	CIR-1036 240V 200W	NS	001	A	$67.50
284699	CIR-1037 240V 300W	ST	001	A	$67.50
140396	CIR-10181 120V 100W	NS	000	A	$57.50
140409	CIR-10231 120V 150W	NS	000	A	$60.50
140417	CIR-10231 120V 200W	NS	000	A	$60.50
140425	CIR-10231 120V 80W	NS	000	A	$60.50
140441	CIR-102331 120V 200W	NS	000	A	$66.50
285421	CIR-1038 240V 225W	NS	001	A	$67.50
274298	CIR-1040 120V 300W	ST	001	A	$70.50
279540	CIR-1040 240V 300W	NS	001	A	$70.50
279507	CIR-1041 120V 100W	NS	001	A	$70.50
279515	CIR-1041 240V 100W	NS	001	A	$70.50
279523	CIR-1042 120V 200W	ST	001	A	$70.50
279531	CIR-1042 240V 200W	NS	001	A	$70.50
283987	CIR-1043 240V 250W	NS	001	A	$70.50
284592	CIR-1044 240V 150W	NS	001	A	$70.50
284568	CIR-1045 240V 300W	NS	001	A	$78.00
242106	CIR-1046 120V 200W	ST	001	A	$78.00
140450	CIR-10481 120V 300W	NS	000	A	$80.00
274300	CIR-1050 240V 350W	NS	001	A	$82.00
284007	CIR-10501 240V 150W	ST	001	A	$82.00
279566	CIR-1051 120V 100W	NS	001	A	$82.00
279582	CIR-1052 120V 200W	NS	001	A	$82.00
279590	CIR-1052 240V 200W	NS	001	A	$82.00
279603	CIR-1053 120V 300W	NS	001	A	$82.00
279611	CIR-1053 240V 300W	NS	001	A	$82.00
283995	CIR-1054 240V 400W	ST	001	A	$82.00
279620	CIR-1055 240V 150W	NS	001	A	$85.00
284015	CIR-1056 240V 500W	NS	001	A	$85.00
274319	CIR-1060 240V 400W	ST	001	A	$89.00

CIR CARTRIDGE HEATERS 172

3/8 INCH (.373 INCH) DIAMETER

274327	CIR-2012 120V 150W	ST	001	A	$41.00
242165	CIR-2012 240V 150W	ST	001	A	$41.00
274511	CIR-2013 120V 100W	ST	001	A	$41.00
242157	CIR-20131 120V 125W	NS	001	A	$41.00
242173	CIR-2014 120V 200W	ST	001	A	$41.00
242181	CIR-2014 240V 200W	ST	001	A	$41.00
140011	CIR-20141 120V 30W	ST	000	A	$43.00
274343	CIR-2015 120V 200W	ST	001	A	$43.00
274351	CIR-2015 240V 200W	ST	001	A	$43.00
279638	CIR-20151 120V 100W	ST	001	A	$43.00
242190	CIR-20151 240V 100W	ST	001	A	$43.00
160979	CIR-20152 240V 130W	ST	001	A	$43.00
274335	CIR-2016 120V 85W	ST	001	A	$43.00
242229	CIR-2017 120V 125W	NS	001	A	$44.00
242237	CIR-20171 120V 175W	NS	001	A	$44.00
242245	CIR-20172 120V 250W	NS	001	A	$44.00
242253	CIR-20172 240V 250W	NS	001	A	$44.00
242261	CIR-20173 120V 200W	NS	001	A	$44.00
274520	CIR-2018 120V 50W	ST	001	A	$43.00
140468	CIR-20181 120V 150W	NS	000	A	$44.00
274538	CIR-2019 120V 150W	ST	001	A	$43.00
160995	CIR-2019 240V 150W	ST	001	A	$43.00
242202	CIR-20191 120V 250W	ST	001	A	$43.00
242210	CIR-20191 240V 250W	ST	001	A	$43.00
274360	CIR-2020 120V 250W	ST	001	A	$45.00
274378	CIR-2020 240V 250W	ST	001	A	$45.00
279662	CIR-20201 120V 50W	ST	001	A	$45.00
279670	CIR-20202 120V 100W	ST	001	A	$45.00
161031	CIR-20202 240V 100W	ST	001	A	$45.00
279700	CIR-20203 120V 200W	NS	001	A	$45.00
161074	CIR-20203 240V 200W	ST	001	A	$45.00
279726	CIR-20204 120V 300W	NS	001	A	$45.00
161111	CIR-20204 240V 300W	NS	001	A	$45.00
279742	CIR-20205 120V 350W	NS	001	A	$45.00
161138	CIR-20205 240V 350W	NS	001	A	$45.00
161154	CIR-20206 240V 400W	NS	001	A	$45.00
279769	CIR-20206 120V 400W	NS	001	A	$45.00
242296	CIR-20207 120V 500W	ST	001	A	$45.00
165235	CIR-20207 240V 500W	ST	001	A	$45.00
242288	CIR-20209 120V 75W	ST	001	A	$45.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
274546	CIR-2021 120V 150W	ST	001	A	$45.00
161058	CIR-2021 240V 150W	NS	001	A	$45.00
275215	CIR-2022 120V 250W	ST	001	A	$47.00
161234	CIR-2022 240V 250W	NS	001	A	$47.00
279785	CIR-20221 120V 100W	NS	001	A	$47.00
161170	CIR-20221 240V 100W	NS	001	A	$47.00
279806	CIR-20222 120V 150W	NS	001	A	$47.00
161197	CIR-20222 240V 150W	NS	001	A	$47.00
279822	CIR-20223 120V 200W	NS	001	A	$47.00
279830	CIR-20223 240V 200W	NS	001	A	$47.00
279857	CIR-20224 120V 300W	NS	001	A	$47.00
279865	CIR-20224 240V 300W	NS	001	A	$47.00
242309	CIR-20225 120V 75W	NS	001	A	$47.00
242333	CIR-20226 120V 175W	NS	001	A	$47.00
242341	CIR-20227 120V 350W	ST	001	A	$47.00
242350	CIR-20227 240V 350W	NS	001	A	$47.00
242317	CIR-2023 120V 125W	ST	001	A	$47.00
242325	CIR-2023 240V 125W	NS	001	A	$47.00
274386	CIR-2024 120V 165W	ST	001	A	$47.00
274394	CIR-2024 240V 165W	ST	001	A	$47.00
275223	CIR-2025 120V 75W	ST	001	A	$47.00
279873	CIR-20251 120V 250W	ST	001	A	$48.00
161293	CIR-20251 240V 250W	NS	001	A	$48.00
140476	CIR-20251 120V 165W	ST	000	A	$48.00
140484	CIR-20251 120V 75W	NS	000	A	$48.00
242405	CIR-20252 120V 500W	ST	001	A	$48.00
242413	CIR-20252 240V 500W	NS	001	A	$48.00
242421	CIR-20253 120V 250W	NS	001	A	$50.00
242430	CIR-20254 240V 300W	NS	001	A	$50.00
279890	CIR-2026 120V 400W	NS	001	A	$48.00
161314	CIR-2026 240V 400W	NS	001	A	$48.00
165403	CIR-2027 240V 100W	NS	001	A	$48.00
242368	CIR-2028 120V 200W	NS	001	A	$48.00
242376	CIR-2028 240V 200W	NS	001	A	$48.00
242384	CIR-2029 120V 300W	ST	001	A	$48.00
242392	CIR-2029 240V 300W	NS	001	A	$48.00
274423	CIR-2030 120V 500W	ST	001	A	$51.00
274431	CIR-2030 240V 500W	NS	001	A	$51.00
279953	CIR-20301 120V 300W	NS	001	A	$51.00
161410	CIR-20301 240V 300W	NS	001	A	$51.00
279970	CIR-20302 120V 400W	NS	001	A	$51.00
161437	CIR-20302 240V 400W	NS	001	A	$51.00
242510	CIR-20303 240V 500W	NS	001	A	$56.50
274407	CIR-2031 120V 200W	ST	001	A	$51.00
274415	CIR-2031 240V 200W	NS	001	A	$51.00
275231	CIR-2032 120V 100W	ST	001	A	$51.00
275240	CIR-2032 240V 100W	ST	001	A	$51.00
279910	CIR-2033 120V 150W	NS	001	A	$51.00
161357	CIR-2033 240V 150W	NS	001	A	$51.00
140492	CIR-20331 120V 500W	NS	000	A	$52.50
140505	CIR-20332 240V 500W	NS	000	A	$52.50
279937	CIR-2034 120V 250W	NS	001	A	$51.00
161390	CIR-2034 240V 250W	ST	001	A	$51.00
242499	CIR-2035 120V 500W	ST	001	A	$54.50
279996	CIR-2035 240V 500W	NS	001	A	$54.50
242448	CIR-2036 240V 600W	ST	001	A	$51.00
242456	CIR-2037 120V 250W	ST	001	A	$54.50
242464	CIR-2037 240V 250W	ST	001	A	$54.50
242472	CIR-2038 120V 300W	NS	001	A	$54.50
242480	CIR-2038 240V 300W	NS	001	A	$54.50
242501	CIR-2039 120V 150W	NS	001	A	$56.50
274440	CIR-2040 120V 300W	ST	001	A	$57.50
274458	CIR-2040 240V 300W	ST	001	A	$57.50
242595	CIR-20401 120V 300W	ST	001	A	$55.50
242608	CIR-20401 240V 300W	NS	001	A	$55.50
242616	CIR-20402 120V 500W	NS	001	A	$55.50
242624	CIR-20402 240V 500W	NS	001	A	$55.50
242632	CIR-20403 240V 300W	NS	001	A	$57.50
242640	CIR-20404 240V 500W	NS	001	A	$57.50
275258	CIR-2041 120V 150W	ST	001	A	$57.50
275266	CIR-2041 240V 150W	ST	001	A	$57.50
280006	CIR-2042 120V 250W	ST	001	A	$57.50
161517	CIR-2042 240V 250W	ST	001	A	$57.50
280022	CIR-2043 120V 500W	ST	001	A	$57.50
161550	CIR-2043 240V 500W	ST	001	A	$57.50
165243	CIR-2044 240V 200W	NS	001	A	$57.50
242528	CIR-2045 120V 125W	ST	001	A	$57.50
242536	CIR-2045 240V 125W	NS	001	A	$57.50
140513	CIR-20451 120V 250W	NS	000	A	$55.50
242544	CIR-2046 120V 175W	NS	001	A	$57.50
242552	CIR-2047 120V 400W	ST	001	A	$57.50
242560	CIR-2047 240V 400W	ST	001	A	$57.50
242579	CIR-2048 240V 450W	ST	001	A	$57.50
242587	CIR-2049 120V 550W	NS	001	A	$57.50
274466	CIR-2050 120V 400W	ST	001	A	$58.50
274474	CIR-2050 240V 400W	NS	001	A	$58.50
275274	CIR-2051 120V 200W	ST	001	A	$58.50
275282	CIR-2051 240V 200W	ST	001	A	$58.50
280049	CIR-2052 120V 300W	NS	001	A	$58.50
161592	CIR-2052 240V 300W	ST	001	A	$58.50
280065	CIR-2053 120V 500W	NS	001	A	$58.50
161630	CIR-2053 240V 500W	ST	001	A	$58.50
161656	CIR-2054 240V 750W	NS	001	A	$58.50
242659	CIR-2055 120V 150W	ST	001	A	$58.50
242667	CIR-2055 240V 150W	NS	001	A	$58.50
140521	CIR-20551 120V 400W	NS	000	A	$62.50
242675	CIR-2056 240V 1000W	NS	001	A	$58.50
242683	CIR-2057 240V 200W	NS	001	A	$60.50
242691	CIR-2058 240V 600W	NS	001	A	$62.50
242704	CIR-2059 240V 1000W	NS	001	A	$62.50
274482	CIR-2060 120V 500W	ST	001	A	$66.50
274490	CIR-2060 240V 500W	ST	001	A	$66.50
275290	CIR-2061 120V 250W	ST	001	A	$66.50
275303	CIR-2061 240V 250W	NS	001	A	$66.50
161710	CIR-2062 240V 750W	NS	001	A	$66.50
161736	CIR-2063 240V 1000W	ST	001	A	$66.50
242712	CIR-2064 120V 200W	ST	001	A	$66.50
242720	CIR-2065 120V 400W	ST	001	A	$66.50
242739	CIR-2065 240V 400W	ST	001	A	$66.50
140556	CIR-20651 120V 250W	NS	000	A	$66.50
140530	CIR-20651 120V 500W	NS	000	A	$66.50
140564	CIR-20651 120V 600W	NS	000	A	$66.50
140548	CIR-20652 240V 500W	ST	000	A	$70.50
242747	CIR-2066 120V 600W	ST	001	A	$66.50

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PCN	DESCRIPTION	SS	WT	D	PRICE
242755	CIR-2066 240V 600W	ST	001	A	$66.50
242763	CIR-2067 240V 600W	NS	001	A	$70.50
242771	CIR-2068 240V 1000W	NS	001	A	$70.50
242780	CIR-2070 120V 250W	ST	001	A	$73.50
242798	CIR-2070 240V 250W	NS	001	A	$73.50
140020	CIR-2072 240V 275W	ST	000	A	$73.50
242835	CIR-2075 240V 600W	NS	001	A	$78.00
242800	CIR-2076 120V 600W	ST	001	A	$73.50
242819	CIR-2076 240V 600W	ST	001	A	$73.50
242843	CIR-2077 240V 1000W	NS	001	A	$78.00
242827	CIR-2079 240V 1000W	NS	001	A	$73.50
274503	CIR-2080 120V 700W	ST	001	A	$82.00
276015	CIR-2080 240V 700W	ST	001	A	$82.00
242851	CIR-2081 120V 300W	ST	001	A	$82.00
275311	CIR-2081 240V 300W	ST	001	A	$82.00
242860	CIR-2082 120V 400W	NS	001	A	$82.00
242878	CIR-2085 120V 500W	NS	001	A	$82.00
242886	CIR-2085 240V 500W	ST	001	A	$82.00
242894	CIR-2086 120V 600W	ST	001	A	$82.00
242907	CIR-2086 240V 600W	NS	001	A	$82.00
242915	CIR-2089 240V 1000W	ST	001	A	$82.00
242923	CIR-2090 240V 600W	NS	001	A	$93.00
242931	CIR-2091 240V 1000W	NS	001	A	$93.00
140038	CIR-2092 240V 350W	NS	000	A	$90.00
280110	CIR-2100 120V 600W	NS	001	A	$97.00
280129	CIR-2100 240V 600W	NS	001	A	$97.00
161816	CIR-2101 240V 1000W	NS	001	A	$97.00
242940	CIR-2102 120V 400W	ST	001	A	$97.00
276023	CIR-2120 120V 900W	ST	001	A	$114.00
276031	CIR-2120 240V 900W	NS	001	A	$114.00
161859	CIR-2121 240V 1000W	ST	001	A	$114.00
242958	CIR-2122 120V 400W	ST	001	A	$114.00
242966	CIR-2123 120V 600W	ST	001	A	$114.00
242974	CIR-2123 240V 600W	ST	001	A	$114.00
276040	CIR-2150 240V 1100W	ST	001	A	$136.00
276058	CIR-2200 240V 1300W	NS	001	A	$175.00
276066	CIR-2240 240V 1500W	ST	001	A	$206.00

CIR CARTRIDGE HEATERS 173

1/2 INCH (.498 INCH) DIAMETER

PCN	DESCRIPTION	SS	WT	D	PRICE
280153	CIR-3012 120V 100W	NS	001	A	$44.00
243037	CIR-30121 240V 200W	ST	001	A	$44.00
243045	CIR-30122 240V 250W	NS	001	A	$44.00
280161	CIR-3013 120V 150W	NS	001	A	$44.00
280170	CIR-3013 240V 150W	NS	001	A	$44.00
243002	CIR-3014 120V 50W	NS	001	A	$44.00
276074	CIR-3015 120V 150W	ST	001	A	$45.00
276082	CIR-3015 240V 150W	NS	001	A	$45.00
243053	CIR-30151 120V 50W	NS	001	A	$45.00
280188	CIR-3016 120V 100W	NS	001	A	$45.00
280196	CIR-3017 120V 125W	NS	001	A	$45.00
161955	CIR-3017 240V 125W	NS	001	A	$45.00
280217	CIR-3018 120V 200W	NS	001	A	$45.00
161998	CIR-3018 240V 200W	NS	001	A	$45.00
243010	CIR-3019 120V 125W	NS	001	A	$44.00
243029	CIR-3019 240V 125W	NS	001	A	$44.00
276090	CIR-3020 120V 400W	ST	001	A	$48.00
276103	CIR-3020 240V 400W	NS	001	A	$48.00
280233	CIR-30201 120V 100W	NS	001	A	$48.00
162018	CIR-30201 240V 100W	ST	001	A	$48.00
280268	CIR-30202 120V 250W	NS	001	A	$48.00
162050	CIR-30202 240V 250W	NS	001	A	$48.00
280284	CIR-30203 120V 300W	NS	001	A	$48.00
162077	CIR-30203 240V 300W	ST	001	A	$48.00
243061	CIR-30204 120V 75W	NS	001	A	$48.00
275320	CIR-3021 120V 200W	ST	001	A	$48.00
162034	CIR-3021 240V 200W	ST	001	A	$48.00
243096	CIR-3022 120V 250W	NS	001	A	$50.00
165251	CIR-3022 240V 250W	NS	001	A	$50.00
243070	CIR-30221 120V 75W	NS	001	A	$50.00
243088	CIR-30222 120V 125W	NS	001	A	$50.00
243109	CIR-30223 120V 400W	NS	001	A	$50.00
243117	CIR-30223 240V 400W	NS	001	A	$50.00
243125	CIR-30224 120V 500W	ST	001	A	$50.00
243133	CIR-30224 240V 500W	NS	001	A	$50.00
276111	CIR-3023 120V 250W	NS	001	A	$50.00
276120	CIR-3023 240V 250W	NS	001	A	$50.00
243141	CIR-30231 120V 500W	NS	001	A	$50.00
243150	CIR-30231 240V 500W	NS	001	A	$50.00
140599	CIR-30231 120V 300W	NS	000	A	$50.00
140580	CIR-30232 240V 300W	NS	000	A	$50.00
275397	CIR-3024 120V 450W	ST	001	A	$50.00
275400	CIR-3024 240V 450W	NS	001	A	$50.00
275338	CIR-3025 120V 75W	NS	001	A	$50.00
275346	CIR-3025 240V 75W	ST	001	A	$50.00
280305	CIR-30251 120V 150W	NS	001	A	$51.00
162210	CIR-30251 240V 150W	NS	001	A	$51.00
280321	CIR-30252 120V 250W	NS	001	A	$51.00
162237	CIR-30252 240V 250W	NS	001	A	$51.00
280348	CIR-30253 120V 400W	NS	001	A	$51.00
162253	CIR-30253 240V 400W	ST	001	A	$51.00
243205	CIR-30254 120V 500W	ST	001	A	$51.00
162270	CIR-30254 240V 500W	ST	001	A	$51.00
243168	CIR-30255 120V 100W	NS	001	A	$51.00
243176	CIR-30255 240V 100W	NS	001	A	$51.00
275354	CIR-3026 120V 100W	ST	001	A	$50.00
275362	CIR-3026 240V 100W	ST	001	A	$50.00
275370	CIR-3027 120V 120W	NS	001	A	$50.00
275389	CIR-3027 240V 120W	ST	001	A	$50.00
243230	CIR-30271 120V 400W	NS	001	A	$53.50
243248	CIR-30271 240V 400W	NS	001	A	$53.50
243184	CIR-3028 120V 300W	NS	001	A	$51.00
243192	CIR-3028 240V 300W	NS	001	A	$51.00
243213	CIR-3029 120V 350W	NS	001	A	$51.00
243221	CIR-30291 240V 300W	NS	001	A	$51.00
276138	CIR-3030 120V 500W	ST	001	A	$54.50
276146	CIR-3030 240V 500W	ST	001	A	$54.50
280436	CIR-30301 120V 750W	ST	001	A	$54.50
162392	CIR-30301 240V 750W	NS	001	A	$54.50
243256	CIR-30302 120V 125W	ST	001	A	$54.50
243264	CIR-30302 240V 125W	NS	001	A	$54.50
243272	CIR-30303 120V 350W	NS	001	A	$54.50
275418	CIR-3031 120V 250W	NS	001	A	$54.50
275426	CIR-3031 240V 250W	NS	001	A	$54.50

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PCN	DESCRIPTION	SS	WT	D	PRICE
280372	CIR-3032 120V 300W	NS	001	A	$54.50
162317	CIR-3032 240V 300W	NS	001	A	$54.50
280399	CIR-3033 120V 400W	NS	001	A	$54.50
162333	CIR-3033 240V 400W	ST	001	A	$54.50
280410	CIR-3034 120V 600W	NS	001	A	$54.50
162376	CIR-3034 240V 600W	ST	001	A	$54.50
243280	CIR-3035 120V 250W	NS	001	A	$57.50
243299	CIR-3035 240V 250W	NS	001	A	$57.50
243301	CIR-3036 240V 350W	NS	001	A	$57.50
243310	CIR-3037 120V 500W	NS	001	A	$57.50
243328	CIR-3037 240V 500W	ST	001	A	$57.50
243336	CIR-3038 240V 750W	NS	001	A	$57.50
243352	CIR-3039 240V 250W	NS	001	A	$59.50
243344	CIR-30391 120V 500W	NS	001	A	$59.50
275434	CIR-3040 120V 180W	NS	001	A	$60.50
275442	CIR-3040 240V 180W	NS	001	A	$60.50
162510	CIR-30401 240V 1000W	ST	001	A	$60.50
243387	CIR-30402 120V 250W	NS	001	A	$60.50
165260	CIR-30402 240V 250W	NS	001	A	$60.50
243467	CIR-30403 240V 300W	NS	001	A	$62.50
243475	CIR-30404 240V 1000W	NS	001	A	$62.50
275450	CIR-3041 120V 500W	ST	001	A	$60.50
275469	CIR-3041 240V 500W	ST	001	A	$60.50
280452	CIR-3042 120V 300W	NS	001	A	$60.50
162430	CIR-3042 240V 300W	NS	001	A	$60.50
280479	CIR-3043 120V 400W	NS	001	A	$60.50
162456	CIR-3043 240V 400W	NS	001	A	$60.50
280495	CIR-3044 120V 750W	NS	001	A	$60.50
162499	CIR-3044 240V 750W	ST	001	A	$60.50
243360	CIR-3045 120V 150W	NS	001	A	$60.50
243379	CIR-3045 240V 150W	NS	001	A	$60.50
243395	CIR-3046 120V 350W	ST	001	A	$60.50
243408	CIR-3046 240V 350W	NS	001		$60.50
243424	CIR-3047 120V 500W	NS	001	A	$60.50
243432	CIR-3047 240V 500W	NS	001	A	$60.50
243416	CIR-3048 120V 550W	NS	001	A	$61.50
243440	CIR-3049 120V 750W	NS	001	A	$60.50
243459	CIR-3049 240V 750W	NS	001	A	$60.50
276154	CIR-3050 120V 750W	ST	001	A	$63.50
276162	CIR-3050 240V 750W	ST	001	A	$63.50
280540	CIR-30501 120V 500W	ST	001	A	$63.50
162552	CIR-30501 240V 500W	ST	001	A	$63.50
162595	CIR-30502 240V 1000W	ST	001	A	$63.50
280524	CIR-3051 120V 350W	NS	001	A	$63.50
280532	CIR-3051 240V 350W	NS	001	A	$63.50
275477	CIR-3052 120V 250W	NS	001	A	$65.50
275485	CIR-3052 240V 250W	NS	001	A	$65.50
243483	CIR-3053 120V 200W	ST	001	A	$63.50
243491	CIR-3053 240V 200W	NS	001	A	$63.50
243504	CIR-3054 120V 400W	NS	001	A	$63.50
243512	CIR-3054 240V 400W	ST	001	A	$63.50
243520	CIR-3055 120V 500W	NS	001	A	$67.50
243539	CIR-3055 240V 500W	NS	001	A	$67.50
243547	CIR-3056 240V 650W	NS	001	A	$67.50
243555	CIR-3057 120V 750W	NS	001	A	$67.50
243563	CIR-3057 240V 750W	NS	001	A	$67.50
276170	CIR-3058 120V 700W	NS	001	A	$69.50
276189	CIR-3058 240V 700W	NS	001	A	$69.50
243571	CIR-30582 240V 300W	NS	001	A	$69.50
140054	CIR-3059 120V 150W	ST	000	A	$69.50
276197	CIR-3060 120V 850W	NS	001	A	$71.50
276200	CIR-3060 240V 850W	NS	001	A	$71.50
243635	CIR-30601 240V 1000W	NS	001	A	$75.50
275493	CIR-3061 120V 300W	ST	001	A	$71.50
275506	CIR-3061 240V 300W	ST	001	A	$71.50
280575	CIR-3062 120V 500W	NS	001	A	$71.50
162675	CIR-3062 240V 500W	ST	001	A	$71.50
280591	CIR-3063 120V 750W	NS	001	A	$71.50
162691	CIR-3063 240V 750W	ST	001	A	$71.50
243619	CIR-3064 120V 1000W	ST	001	A	$71.50
162739	CIR-3064 240V 1000W	ST	001	A	$71.50
165278	CIR-3065 240V 200W	ST	001	A	$71.50
140601	CIR-30652 240V 300W	NS	000	A	$75.50
165286	CIR-3066 240V 400W	NS	001	A	$71.50
243580	CIR-3067 120V 250W	NS	001	A	$71.50
243598	CIR-3067 240V 250W	NS	001	A	$71.50
243600	CIR-3068 240V 350W	NS	001	A	$71.50
243627	CIR-3069 240V 500W	NS	001	A	$75.50
243643	CIR-3070 120V 250W	NS	001	A	$79.00
243651	CIR-3071 120V 500W	ST	001	A	$79.00
243660	CIR-3071 240V 500W	NS	001	A	$79.00
243678	CIR-3072 120V 600W	NS	001	A	$79.00
243686	CIR-3072 240V 600W	NS	001	A	$79.00
243694	CIR-3075 240V 1000W	ST	001	A	$79.00
243707	CIR-3076 240V 500W	NS	001	A	$83.00
243715	CIR-3077 240V 1000W	NS	001	A	$83.00
276218	CIR-3080 120V 1000W	ST	001	A	$87.00
276226	CIR-3080 240V 1000W	ST	001	A	$87.00
165315	CIR-30801 240V 750W	ST	001	A	$87.00
275514	CIR-3081 240V 400W	NS	001	A	$87.00
162798	CIR-3082 240V 1500W	ST	001	A	$87.00
165294	CIR-3083 240V 250W	NS	001	A	$87.00
243740	CIR-3084 120V 500W	ST	001	A	$87.00
165307	CIR-3084 240V 500W	NS	001	A	$87.00
243723	CIR-3085 120V 300W	NS	001	A	$87.00
243731	CIR-3085 240V 300W	NS	001	A	$87.00
243758	CIR-3086 240V 2000W	NS	001	A	$87.00
243766	CIR-3087 240V 300W	NS	001	A	$90.00
243774	CIR-3088 240V 500W	NS	001	A	$90.00
140863	CIR-30882 240V 750W	NS	000		$90.00
243782	CIR-3089 240V 1000W	NS	001	A	$90.00
165323	CIR-3090 240V 500W	ST	001	A	$94.00
243790	CIR-3091 240V 1000W	NS	001	A	$94.00
243803	CIR-3092 240V 500W	NS	001	A	$98.00
243811	CIR-3093 240V 1000W	NS	001	A	$98.00
275522	CIR-3100 240V 475W	NS	001	A	$102.00
243846	CIR-3101 120V 1000W	ST	001	A	$102.00
162835	CIR-3101 240V 1000W	ST	001	A	$102.00
162851	CIR-3102 240V 1500W	NS	001	A	$102.00
243820	CIR-3103 120V 500W	ST	001	A	$102.00
243838	CIR-3103 240V 500W	ST	001	A	$102.00
243854	CIR-3105 240V 2000W	ST	001	A	$102.00
276234	CIR-3120 240V 1500W	NS	001	A	$118.00
243862	CIR-3121 120V 550W	ST	001	A	$118.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
275530	CIR-3121 240V 550W	NS	001	A	$118.00
243870	CIR-3122 120V 1000W	NS	001	A	$118.00
162894	CIR-3122 240V 1000W	ST	001	A	$118.00
243889	CIR-3125 240V 2000W	NS	001	A	$118.00
276242	CIR-3140 240V 1600W	ST	001	A	$134.00
243897	CIR-3141 240V 1000W	NS	001	A	$134.00
243900	CIR-3142 240V 2300W	NS	001	A	$134.00
140062	CIR-3143 240V 675W	ST	000	A	$134.00
243918	CIR-3150 240V 1500W	NS	001	A	$141.00
243926	CIR-3160 240V 1000W	NS	001	A	$148.00
276250	CIR-3180 240V 1700W	ST	001	A	$165.00
243934	CIR-3182 240V 1500W	NS	001	A	$165.00
140070	CIR-3183 240V 800W	ST	000	A	$165.00
276269	CIR-3240 240V 1800W	NS	001	A	$210.00
140089	CIR-3241 240V 1000W	NS	000	A	$210.00
276277	CIR-3300 240V 1900W	NS	002	A	$257.00
140097	CIR-3301 240V 1300W	ST	000	A	$257.00
276285	CIR-3360 240V 2000W	NS	002	A	$301.00

CIR CARTRIDGE HEATERS 174

5/8 INCH (.625 INCH) DIAMETER

243942	CIR-4011 120V 50W	NS	001	A	$48.00
243950	CIR-4012 120V 200W	NS	001	A	$48.00
243969	CIR-4013 120V 250W	NS	001	A	$48.00
163053	CIR-4015 240V 200W	NS	001	A	$49.00
280663	CIR-4016 120V 100W	NS	001	A	$49.00
280671	CIR-4016 240V 100W	NS	001	A	$49.00
275549	CIR-4015 120V 200W	NS	001	A	$49.00
243977	CIR-4017 120V 250W	NS	001	A	$49.00
243985	CIR-4017 240V 250W	NS	001	A	$49.00
243993	CIR-40201 120V 100W	NS	001	A	$52.50
280698	CIR-4021 120V 300W	NS	001	A	$52.50
163096	CIR-4021 240V 300W	NS	001	A	$52.50
276293	CIR-4020 120V 200W	NS	001	A	$52.50
276306	CIR-4020 240V 200W	NS	001	A	$52.50
163117	CIR-4022 240V 500W	ST	001	A	$52.50
280719	CIR-4022 120V 500W	NS	001	A	$52.50
140118	CIR-40232 240V 165W	NS	000	A	$54.50
140126	CIR-40233 120V 75W	ST	000	A	$54.50
140134	CIR-40234 120V 1000W	NS	000	A	$54.50
140142	CIR-40235 240V 75W	ST	000	A	$54.50
140150	CIR-40236 120V 165W	ST	000	A	$54.50
244005	CIR-4023 120V 100W	NS	001	A	$54.50
244013	CIR-4028 120V 250W	NS	001	A	$54.50
244021	CIR-4028 240V 250W	NS	001	A	$54.50
244030	CIR-4029 120V 350W	NS	001	A	$54.50
244048	CIR-4029 240V 350W	NS	001	A	$54.50
275557	CIR-4025 120V 125W	ST	001	A	$54.50
275565	CIR-4025 240V 125W	ST	001	A	$54.50
275573	CIR-4026 120V 150W	ST	001	A	$54.50
275581	CIR-4026 240V 150W	ST	001	A	$54.50
275590	CIR-4027 120V 180W	ST	001	A	$54.50
275602	CIR-4027 240V 180W	ST	001	A	$54.50
276314	CIR-4024 120V 280W	ST	001	A	$54.50
276322	CIR-4024 240V 280W	ST	001	A	$54.50
244056	CIR-4035 120V 150W	NS	001	A	$58.50
280735	CIR-4031 120V 250W	NS	001	A	$58.50
163213	CIR-4031 240V 250W	ST	001	A	$58.50
163230	CIR-4032 240V 400W	NS	001	A	$58.50
280751	CIR-4032 120V 400W	NS	001	A	$58.50
163272	CIR-4033 240V 600W	NS	001	A	$58.50
276330	CIR-4030 120V 500W	ST	001	A	$58.50
163299	CIR-4034 240V 750W	ST	001	A	$58.50
276349	CIR-4030 240V 500W	ST	001	A	$58.50
275610	CIR-4038 120V 240W	ST	001	A	$62.50
275629	CIR-4038 240V 240W	ST	001	A	$62.50
276357	CIR-4037 120V 525W	ST	001	A	$62.50
140169	CIR-40371 240V 150W	NS	000	A	$62.50
276365	CIR-4037 240V 525W	ST	001	A	$65.50
244064	CIR-4044 120V 250W	ST	001	A	$64.50
244072	CIR-4044 240V 250W	NS	001	A	$64.50
244080	CIR-4045 240V 400W	NS	001	A	$64.50
280794	CIR-4041 120V 500W	NS	001	A	$64.50
163352	CIR-4041 240V 500W	NS	001	A	$64.50
244099	CIR-4046 240V 600W	NS	001	A	$64.50
276373	CIR-4040 120V 750W	NS	001	A	$64.50
276381	CIR-4040 240V 750W	NS	001	A	$64.50
163395	CIR-4042 240V 1000W	ST	001	A	$64.50
275637	CIR-4043 120V 240W	ST	001	A	$66.50
275645	CIR-4043 240V 240W	NS	001	A	$66.50
244101	CIR-4056 120V 250W	NS	001	A	$70.50
244110	CIR-4056 240V 250W	NS	001	A	$70.50
280823	CIR-4051 120V 500W	NS	001	A	$70.50
163432	CIR-4051 240V 500W	ST	001	A	$70.50
163475	CIR-4052 240V 1000W	ST	001	A	$70.50
276390	CIR-4050 120V 750W	ST	001	A	$70.50
276402	CIR-4050 240V 750W	ST	001	A	$70.50
163491	CIR-4053 240V 1300W	ST	001	A	$70.50
140871	CIR-40451 120V 500W	ST	000	A	$66.50
276410	CIR-4054 120V 800W	NS	001	A	$72.50
276429	CIR-4054 240V 800W	NS	001	A	$72.50
275653	CIR-4055 120V 285W	ST	001	A	$72.50
275661	CIR-4055 240V 285W	NS	001	A	$72.50
140880	CIR-40551 120V 750W	NS	000	A	$73.50
276437	CIR-4060 120V 1000W	ST	001	A	$78.00
276445	CIR-4060 240V 1000W	NS	001	A	$78.00
280866	CIR-4061 120V 500W	NS	001	A	$78.00
163555	CIR-4061 240V 500W	ST	001	A	$78.00
244144	CIR-4062 120V 1500W	NS	001	A	$78.00
163598	CIR-4062 240V 1500W	ST	001	A	$78.00
165454	CIR-4063 240V 750W	NS	001	A	$78.00
276453	CIR-4065 120V 1000W	NS	001	A	$82.00
276461	CIR-4065 240V 1000W	NS	001	A	$82.00
275670	CIR-4066 120V 350W	ST	001	A	$82.00
275688	CIR-4066 240V 350W	NS	001	A	$82.00
244128	CIR-4067 120V 300W	ST	001	A	$78.00
244136	CIR-4067 240V 300W	NS	001	A	$78.00
244152	CIR-4068 120V 500W	NS	001	A	$82.00
244160	CIR-4068 240V 500W	NS	001	A	$82.00
163651	CIR-4070 240V 1000W	NS	001	A	$86.00
280903	CIR-4071 240V 1500W	NS	001	A	$86.00
244179	CIR-4072 120V 500W	NS	001	A	$86.00
244187	CIR-4072 240V 500W	NS	001	A	$86.00
276470	CIR-4080 120V 1200W	ST	001	A	$93.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
276488	CIR-4080 240V 1200W	NS	001	A	$93.00
163790	CIR-40801 240V 2000W	ST	001	A	$93.00
275696	CIR-4081 240V 400W	NS	001	A	$93.00
163715	CIR-4082 240V 750W	ST	001	A	$93.00
163731	CIR-4083 240V 1000W	NS	001	A	$93.00
163774	CIR-4084 240V 1500W	NS	001	A	$93.00
244195	CIR-4085 120V 500W	NS	001	A	$93.00
244208	CIR-4085 240V 500W	NS	001	A	$93.00
140193	CIR-4087 120V 450W	ST	000	A	$99.00
275709	CIR-4087 240V 450W	ST	001	A	$99.00
244216	CIR-4088 240V 850W	ST	001	A	$93.00
163838	CIR-4100 240V 1000W	ST	001	A	$110.00
163854	CIR-4101 240V 1500W	NS	001	A	$110.00
163870	CIR-4102 240V 2000W	NS	001	A	$110.00
244224	CIR-4103 120V 500W	NS	001	A	$110.00
244232	CIR-4103 240V 500W	ST	001	A	$110.00
244240	CIR-4104 240V 750W	NS	001	A	$110.00
276496	CIR-4105 120V 1700W	NS	001	A	$115.00
276509	CIR-4105 240V 1700W	ST	001	A	$115.00
275717	CIR-4107 120V 500W	ST	001	A	$115.00
275725	CIR-4107 240V 500W	NS	001	A	$115.00
244283	CIR-4120 120V 1000W	NS	001	A	$125.00
163934	CIR-4120 240V 1000W	ST	001	A	$125.00
244291	CIR-4121 120V 1500W	NS	001	A	$125.00
280997	CIR-4121 240V 1500W	NS	001	A	$125.00
163977	CIR-4122 240V 2000W	NS	001	A	$125.00
244259	CIR-4125 120V 500W	NS	001	A	$125.00
244267	CIR-4125 240V 500W	NS	001	A	$125.00
275733	CIR-4128 240V 550W	NS	001	A	$132.00
140206	CIR-4128 120V 550W	NS	000	A	$132.00
244275	CIR-4129 240V 900W	NS	001	A	$125.00
244304	CIR-4140 240V 3700W	NS	001	A	$140.00
278010	CIR-4150 240V 2400W	ST	001	A	$147.00
275741	CIR-4151 240V 600W	NS	001	A	$147.00
140214	CIR-4151 120V 600W	NS	000	A	$147.00
281017	CIR-4152 240V 1500W	NS	001	A	$147.00
244312	CIR-4153 240V 750W	ST	001	A	$147.00
244320	CIR-4154 240V 4000W	NS	001	A	$147.00
244339	CIR-4160 240V 2500W	NS	001	A	$156.00
244347	CIR-4167 240V 4500W	NS	001	A	$156.00
140222	CIR-4170 240V 800W	ST	000	A	$164.00
281025	CIR-4180 240V 1500W	ST	001	A	$171.00
281033	CIR-4181 240V 2600W	NS	001	A	$171.00
244355	CIR-4182 240V 3000W	NS	001	A	$171.00
244363	CIR-4184 240V 4700W	NS	001	A	$171.00
140230	CIR-4190 240V 950W	NS	000	A	$178.00
244380	CIR-4203 240V 3500W	NS	001	A	$186.00
244398	CIR-4205 240V 4700W	NS	001	A	$186.00
278029	CIR-4210 240V 2800W	NS	001	A	$194.00
278037	CIR-4240 240V 3000W	NS	002	A	$217.00
275750	CIR-4241 240V 1200W	NS	002	A	$217.00
244400	CIR-4242 240V 2000W	NS	002	A	$217.00
244419	CIR-4243 240V 4700W	ST	002	A	$217.00
140257	CIR-4300 240V 2000W	NS	000	A	$263.00
278045	CIR-4360 240V 3500W	NS	002	A	$309.00
244427	CIR-4361 240V 3000W	NS	002	A	$309.00

PCN	DESCRIPTION	SS	WT	D	PRICE
	CIR CARTRIDGE HEATERS 175				
	3/4 INCH (.747 INCH) DIAMETER				
244435	CIR-5022 120V 200W	NS	001	A	$65.50
275768	CIR-5023 120V 200W	NS	001	A	$66.50
275776	CIR-5023 240V 200W	NS	001	A	$66.50
281041	CIR-5030 120V 500W	NS	001	A	$69.50
164216	CIR-5030 240V 500W	ST	001	A	$69.50
244443	CIR-5031 120V 250W	ST	001	A	$69.50
278053	CIR-5032 120V 650W	ST	001	A	$71.50
278061	CIR-5032 240V 650W	NS	001	A	$71.50
275784	CIR-5033 120V 250W	NS	001	A	$71.50
275792	CIR-5033 240V 250W	ST	001	A	$71.50
281068	CIR-5040 240V 500W	NS	001	A	$75.50
281076	CIR-5041 240V 1000W	NS	001	A	$75.50
244451	CIR-5042 120V 250W	ST	001	A	$75.50
275805	CIR-5047 240V 350W	ST	001	A	$98.00
140273	CIR-5047 120V 350W	NS	000	A	$98.00
278070	CIR-5050 120V 1000W	ST	001	A	$99.00
278088	CIR-5050 240V 1000W	NS	001	A	$99.00
281084	CIR-5051 240V 500W	NS	001	A	$99.00
244460	CIR-5052 120V 300W	NS	001	A	$99.00
278096	CIR-5060 120V 1100W	NS	001	A	$109.00
278109	CIR-5060 240V 1100W	NS	001	A	$109.00
275813	CIR-5061 240V 350W	NS	001	A	$109.00
140281	CIR-5061 120V 350W	ST	000	A	$109.00
281092	CIR-5062 240V 750W	NS	001	A	$109.00
244478	CIR-5065 120V 500W	NS	001	A	$109.00
244486	CIR-5065 240V 500W	NS	001	A	$109.00
244494	CIR-5067 240V 1000W	NS	001	A	$109.00
244507	CIR-5068 240V 1500W	NS	001	A	$109.00
244515	CIR-5069 240V 2000W	NS	001	A	$109.00
244540	CIR-5072 240V 1000W	NS	001	A	$116.00
244523	CIR-5075 120V 500W	NS	001	A	$116.00
244531	CIR-5075 240V 500W	NS	001	A	$116.00
278117	CIR-5076 120V 1300W	NS	001	A	$121.00
278125	CIR-5076 240V 1300W	ST	001	A	$121.00
275821	CIR-5077 240V 450W	NS	001	A	$121.00
281105	CIR-5080 240V 1000W	NS	001	A	$124.00
281113	CIR-5081 240V 1500W	NS	001	A	$124.00
281121	CIR-5082 240V 2000W	NS	001	A	$124.00
244558	CIR-5085 120V 500W	NS	001	A	$124.00
244566	CIR-5085 240V 500W	NS	001	A	$124.00
275830	CIR-5091 240V 500W	NS	001	A	$132.00
140804	CIR-5091 120V 500W	NS	000	A	$132.00
281130	CIR-5100 240V 1000W	NS	001	A	$139.00
244574	CIR-5102 240V 2000W	ST	001	A	$139.00
278133	CIR-5105 120V 2000W	ST	001	A	$142.00
278141	CIR-5105 240V 2000W	ST	001	A	$142.00
275848	CIR-5106 240V 550W	NS	001	A	$142.00
275856	CIR-5118 240V 600W	ST	001	A	$153.00
140329	CIR-5118 120V 600W	NS	000	A	$153.00
281148	CIR-5120 240V 1000W	NS	001	A	$155.00
281156	CIR-5121 240V 2000W	NS	001	A	$155.00
281164	CIR-5122 240V 3000W	NS	001	A	$155.00
244582	CIR-5124 240V 4000W	ST	001	A	$155.00
278150	CIR-5134 240V 2500W	NS	001	A	$165.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
275864	CIR-5135 240V 650W	ST	001	A	$165.00
140337	CIR-5135 120V 650W	NS	000	A	$165.00
244590	CIR-5141 240V 1250W	NS	001	A	$170.00
244603	CIR-5142 240V 2500W	NS	001	A	$170.00
244611	CIR-5144 240V 4500W	NS	001	A	$170.00
275872	CIR-5148 240V 750W	NS	001	A	$176.00
140345	CIR-5148 120V 750W	NS	000	A	$176.00
281172	CIR-5150 240V 1500W	NS	001	A	$177.00
244620	CIR-5162 240V 1800W	NS	001	A	$185.00
140353	CIR-5163 240V 800W	NS	000	A	$187.00
244638	CIR-5165 240V 4700W	NS	001	A	$185.00
275880	CIR-5177 240V 850W	NS	001	A	$198.00
281180	CIR-5180 240V 1500W	NS	001	A	$200.00
244646	CIR-5182 240V 2000W	NS	001	A	$200.00
244654	CIR-5185 240V 5000W	NS	001	A	$200.00
278168	CIR-5200 240V 3850W	ST	002	A	$216.00
281199	CIR-5201 240V 2000W	NS	002	A	$216.00
244662	CIR-5202 240V 1150W	NS	002	A	$216.00
244670	CIR-5203 240V 2250W	NS	002	A	$216.00
140361	CIR-5204 240V 1000W	NS	000	A	$216.00
244689	CIR-5205 240V 5000W	NS	002	A	$216.00
140370	CIR-5220 240V 1150W	ST	000	A	$231.00
278176	CIR-5240 240V 4600W	NS	002	A	$246.00
275899	CIR-5241 240V 1250W	NS	002	A	$246.00
281201	CIR-5242 240V 2500W	NS	002	A	$246.00
244697	CIR-5243 240V 1375W	NS	000	A	$246.00
244700	CIR-5244 240V 2750W	ST	002	A	$246.00
244718	CIR-5245 240V 5000W	NS	002	A	$246.00
278184	CIR-5300 240V 4800W	NS	002	A	$292.00
278192	CIR-5360 240V 4900W	NS	003	A	$338.00
244726	CIR-5362 240V 2500W	NS	003	A	$338.00
278205	CIR-5480 240V 5000W	NS	004	A	$430.00

Additional Features

1. New Item Engineering Charge pro-rated over the quantity of each item ordered. No charge applies	$100
Total list value amount of quanitity for no charge to apply	$500
2. Distributed wattage (add to base list price, plus New item Engineering Charge.)	20%
3. Special lengths, use price of next longest length heater and add New Item Engineering Charge.	
4. Longer leads for first extra 6 inches	$3
For each additional 6 inches thereafter	$1
Minimum per line charge	$15
Extended leads will be spliced unless otherwise specified. Unspliced leads (CIR only) are made to order on up to 32 inch leads, check factory for longer lengths	

Stock Modifications

5. Extra fiberglass sleeving (for first 6 inches and	$4
For each additional 6 inches thereafter	$2
Minimum per line charge	$15
6. Type 3C protective spring	$8
Minimum per line charge	$15
7. Type 4C lead abrasion protection straight conduit for first 12 in.	$13
For each additional 12 inches thereafter	$5
8. Type 5C moisture protection straight conduit for first 12 in.	$16
For each additional 6 inches thereafter	$5
9. Type 8C hermetic seal adders (per heater, volume discounts may apply)	
For 3/8"	$42
For 1/2"	$95
For 5/8"	$317

PCN	DESCRIPTION	SS	WT	D	PRICE
	For 3/4"				$401
	For any size not listed, consult factory.				
	10. Type 9CS single-ended threaded fitting				

Dia	Brass	Stnstl
1/4 in.	$9.30	$12.45
3/8 in.	$9.50	$12.65
1/2 in.	$9.70	$15.80
5/8 in.	$9.90	$19.80
3/4 in.	$10.05	$24.75

11. Type 9CD double-ended threaded fitting (for single ended)

Dia	Brass	Stnstl
1/4 in.	$22.75	$28.45
3/8 in.	$23.20	$29.15
1/2 in.	$23.80	$35.05
5/8 in.	$27.45	$42.10
3/4 in.	$34.30	$50.45

12. Type 10C flanges	$9
13. Type 13C straight stainless steel metal braid for first 12 inches	$13
For each additional 12 inches thereafter	$5
14. Type 14C right angle leads	$8
Minimum per line charge	$15
15. Type 15C abrasion protection right angle conduit for first 12 inches	$16
For each additional 6 inches thereafter	$3
16. Type 16C moisture protection right angle conduit for first 12 inches	$21
For each additional 6 inches thereafter	$5
17. Type 17C right angle with stainles steel metal braid	$16
18. Type 18C right angle with protective spring	$21
19. Type 20C post terminals (3/4in diameter only)	$12
20. Plug caps for 4C, 5C, 15C and 16C	
Straight blade grounded:	
#5266-C, P/N # 221-511506-010, 15 amp 125v	$12
#5466-C, P/N # 221-511506-008, 20 amp 250v	$15
Twist lock grounded:	
#4720-C, P/N # 221-511556-005, 15 amp 125v add $13.70	$14
#4570-C, P/N # 221-511556-006, 20 amp 250v add $17.00	$17
JULIE	
21. RTV end seal	$6
22. Thermocouples-built in.	
Style I-t/c inside core (specify location)	$23
Style III-t/c attached to end disc	$29
23. SEOT2 end seal (Specify CIR-XXXX-MR for SEOT2 Seal.) - Contact Factory	
Specify CIR-XXXX-MR for SEOT2 Seal.	
Note: For combination of more than one Stock Modification consult factory.	

289756	SLEEVE-3/8X1/2	ST	001	A	$3.25
289764	SLEEVE-3/8X5/8	NS	001	A	$3.25
289772	SLEEVE-3/8X3/4	NS	001	C	$3.25
289780	SLEEVE-3/4X15/16	NS	001	C	$3.25
289799	SLEEVE-3/4X1 IN	NS	001	A	$3.25
289801	SLEEVE-3/4X1-1/4	NS	001	A	$4.25
014293	HTRC HT TFNSFR & REL CTG	ST	001	A	$34.75

CARTRIDGE HEATER SLEEVES 188

MAXI ZONE MZ

For pricing consult factory.

SST QST 182

For pricing consult factory.

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PCN	DESCRIPTION	SS	WT	D	PRICE
	CDE CARTRIDGE HEATERS 182				
	1 INCH NOMINAL DIAMETER				
254975	CDE-745-SS 120V 450W	NS	001	A	$209.00
254983	CDE-745-SS 240V 450W	NS	001	A	$203.00
255011	CDE-760-SS 120V 600W	NS	001	A	$258.00
255020	CDE-760-SS 240V 600W	NS	001	A	$258.00
255054	CDE-777-SS 120V 775W	NS	001	A	$298.00
255062	CDE-777-SS 240V 775W	NS	001	A	$298.00
255097	CDE-797-SS 120V 975W	NS	002	A	$336.00
255100	CDE-797-SS 240V 975W	NS	002	A	$336.00
255134	CDE-7110-SS 120V 1100W	NS	002	A	$384.00
255142	CDE-7110-SS 240V 1100W	NS	002	A	$384.00
255177	CDE-7132-SS 120V 1325W	NS	002	A	$424.00
255185	CDE-7132-SS 240V 1325W	NS	002	A	$424.00
255214	CDE-7147-SS 120V 1475W	NS	003	A	$449.00
255222	CDE-7147-SS 240V 1475W	NS	003	A	$458.00
	1 1/4 INCH NOMINAL DIAMETER				
255257	CDE-350-SS 120V 500W	NS	002	A	$250.00
255265	CDE-350-SS 240V 500W	NS	002	A	$250.00
255290	CDE-370-SS 120V 700W	NS	002	A	$282.00
255302	CDE-370-SS 240V 700W	NS	002	A	$282.00
255337	CDE-395-SS 120V 950W	NS	002	A	$317.00
255345	CDE-395-SS 240V 950W	NS	002	A	$319.00
255370	CDE-3110-SS 120V 1100W	NS	002	A	$356.00
255388	CDE-3110-SS 240V 1100W	NS	002	A	$356.00
255417	CDE-3135-SS 120V 1350W	NS	003	A	$391.00
255425	CDE-3135-SS 240V 1350W	NS	003	A	$391.00
255450	CDE-3155-SS 120V 1550W	NS	003	A	$424.00
255468	CDE-3155-SS 240V 1550W	NS	003	A	$424.00
255492	CDE-3175-SS 120V 1750W	NS	003	A	$454.00
255505	CDE-3175-SS 240V 1750W	NS	003	A	$454.00
	SCB CARTRIDGE HEATERS 183				
	SCREW BASE				
253809	SCB-50 120V 50W	ST	001	A	$73.50
253817	SCB-75 120V 75W	ST	001	A	$73.50
253825	SCB-75 240V 75W	ST	001	A	$73.50
253833	SCB-100 120V 100W	ST	001	A	$73.50
253841	SCB-100 240V 100W	ST	001	A	$73.50
256401	SCB-125 120V 125W	NS	001	A	$71.50
253850	SCB-150 120V 150W	ST	001	A	$73.50
253868	SCB-150 240V 150W	ST	001	A	$73.50
256410	SCB-200 120V 200W	ST	001	A	$73.50
273560	SCB-200 240V 200W	ST	001	A	$73.50
	CTRH CARTRIDGE HEATERS 184				
	.553 INCH DIAMETER				
276517	CTRH-520 120V 1670W	NS	001	A	$388.00
276525	CTRH-524 120V 2050W	NS	001	A	$444.00
276533	CTRH-524 208V 2050W	NS	001	A	$444.00
276541	CTRH-524 240V 2050W	NS	001	A	$444.00
276550	CTRH-528 120V 2440W	NS	001	A	$536.00
276568	CTRH-528 208V 2440W	NS	001	A	$536.00
276576	CTRH-528 240V 2440W	NS	001	A	$538.00
276584	CTRH-532 120V 2820W	NS	001	A	$661.00
276592	CTRH-532 208V 2820W	NS	001	A	$661.00
276605	CTRH-532 240V 2820W	NS	001	A	$661.00

PCN	DESCRIPTION	SS	WT	D	PRICE
276613	CTRH-536 208V 3200W	NS	002	A	$812.00
276621	CTRH-536 240V 3200W	NS	002	A	$812.00
276630	CTRH-540 208V 3580W	NS	002	A	$1024.00
276648	CTRH-540 240V 3580W	NS	002	A	$1025.00
276656	CTRH-544 208V 3970W	NS	002	A	$1125.00
276664	CTRH-544 240V 3970W	NS	002	A	$1125.00
276672	CTRH-548 208V 4350W	NS	002	A	$1167.00
276680	CTRH-548 240V 4350W	NS	002	A	$1167.00
276699	CTRH-548 480V 4350W	NS	002	A	$1167.00
276701	CTRH-552 208V 4730W	NS	002	A	$1209.00
276710	CTRH-552 240V 4730W	NS	002	A	$1211.00
276728	CTRH-552 480V 4730W	NS	002	A	$1211.00
	.660 INCH DIAMETER				
276736	CTRH-620 120V 1810W	NS	001	A	$454.00
276744	CTRH-624 120V 2230W	NS	001	A	$554.00
276752	CTRH-624 208V 2230W	NS	001	A	$554.00
276760	CTRH-624 240V 2230W	NS	001	A	$554.00
276779	CTRH-628 120V 2640W	NS	002	A	$688.00
276787	CTRH-628 208V 2640W	NS	002	A	$688.00
276795	CTRH-628 240V 2640W	NS	001	A	$690.00
276808	CTRH-632 120V 3060W	NS	002	A	$864.00
276816	CTRH-632 208V 3060W	NS	002	A	$864.00
276824	CTRH-632 240V 3060W	NS	002	A	$864.00
276832	CTRH-636 208V 3470W	NS	002	A	$1092.00
276840	CTRH-636 240V 3470W	NS	002	A	$1092.00
276859	CTRH-640 208V 3880W	NS	002	A	$1140.00
276867	CTRH-640 240V 3880W	NS	002	A	$1140.00
276875	CTRH-644 208V 4300W	NS	002	A	$1183.00
276883	CTRH-644 240V 4300W	NS	002	A	$1183.00
276891	CTRH-644 480V 4300W	NS	002	A	$1183.00
276904	CTRH-648 208V 4610W	NS	003	A	$1227.00
276912	CTRH-648 240V 4610W	NS	003	A	$1227.00
276920	CTRH-648 480V 4610W	NS	003	A	$1227.00
276939	CTRH-652 208V 5130W	NS	003	A	$1272.00
276947	CTRH-652 240V 5130W	NS	003	A	$1272.00
276955	CTRH-652 480V 5130W	NS	003	A	$1273.00
	CARTRIDGE HEATERS 185				
256920	1 PR LEAD WIRES FOR 8/32 TERMS	NS	001	A	$82.00
	CBH STUD BOLT HEATERS 186				
258538	CBH-1815 120V 1150W	NS	005	A	$1152.00
258554	CBH-2415 120V 1500W	NS	005	A	$1244.00
258626	CBH-3025 120V 2250W	NS	006	A	$1306.00
258634	CBH-3025 240V 2250W	ST	006	A	$1306.00
258706	CBH-3625 120V 2600W	NS	006	A	$1360.00
258714	CBH-3625 240V 2600W	NS	006	A	$1360.00
258546	CBH-1816 120V 1200W	NS	005	A	$1261.00
258562	CBH-2416 120V 1700W	NS	005	A	$1297.00
258642	CBH-3026 120V 2300W	NS	006	A	$1356.00
258650	CBH-3026 240V 2300W	NS	006	A	$1356.00
258722	CBH-3626 120V 2800W	NS	006	A	$1411.00
258730	CBH-3626 240V 2800W	NS	006	A	$1410.00
259266	CBH-1827 120V 1700W	NS	005	A	$1338.00
259274	CBH-2427 120V 2500W	NS	005	A	$1418.00
149171	CBH-3037 120V 3400W	NS	006	A	$1473.00
149180	CBH-3037 240V 3400W	NS	006	A	$1474.00
259303	CBH-3647 120V 4200W	NS	006	A	$1556.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
259311	CBH-3647 240V 4200W	NS	006	A	$1556.00
259320	CBH-4867 240V 6000W	NS	007	A	$1697.00
259338	CBH-4867 480V 6000W	NS	007	A	$1697.00
259346	CBH-6177 240V 7500W	NS	007	A	$1849.00
259354	CBH-6177 480V 7500W	NS	007	A	$1849.00
258570	CBH-2438 120V 2700W	NS	006	A	$1495.00
258589	CBH-2438 240V 2700W	NS	006	A	$1495.00
258669	CBH-3048 120V 3600W	NS	006	A	$1567.00
258677	CBH-3048 240V 3600W	NS	006	A	$1567.00
258773	CBH-4258 240V 5300W	NS	006	A	$1715.00
258781	CBH-4258 480V 5300W	NS	006	A	$1715.00
258810	CBH-4868 240V 6500W	NS	007	A	$1787.00
258829	CBH-4868 480V 6500W	NS	007	A	$1787.00
258597	CBH-2439 120V 3000W	NS	006	A	$1715.00
258600	CBH-2439 240V 3000W	NS	006	A	$1715.00
258685	CBH-3049 120V 4000W	NS	006	A	$1849.00
258693	CBH-3049 240V 4000W	NS	006	A	$1849.00
258749	CBH-3659 240V 5000W	NS	006	A	$2007.00
258790	CBH-4269 240V 6000W	NS	007	A	$2173.00
258802	CBH-4269 480V 6000W	NS	007	A	$2173.00
258861	CBH-6189 240V 8000W	NS	007	A	$2616.00
258870	CBH-6189 480V 8000W	NS	007	A	$2616.00
258888	CBH-6619 240V 9000W	NS	008	A	$2774.00
258896	CBH-6619 480V 9000W	NS	008	A	$2774.00
258618	CBH-2441 240V 3800W	NS	007	A	$1825.00
258757	CBH-3661 240V 6400W	NS	007	A	$2132.00
258765	CBH-3661 480V 6400W	NS	007	A	$2135.00
258837	CBH-4891 240V 9000W	NS	008	A	$2453.00
258845	CBH-4891 480V 9000W	NS	008	A	$2453.00
258853	CBH-6011 480V 11500W	NS	008	A	$2779.00

SILICONE LAMINATE 807

121515	SL-N-1-05-0-10-S-120V-25W	ST	000	A	$28.25
121523	SL-N-1-10-0-10-S-120V-50W	ST	000	A	$31.75
121531	SL-N-1-15-0-10-S-120V-75W	NS	000	A	$26.00
121540	SL-N-1-20-0-10-S-120V-100W	ST	000	A	$38.75
121566	SL-N-1-30-0-10-S-120V-150W	ST	000	A	$45.75
121574	SL-N-1-35-0-10-S-120V-175W	NS	000	A	$36.00
121582	SL-N-1-40-0-10-S-120V-200W	ST	000	A	$53.00
121590	SL-N-1-80-0-10-S-120V-400W	ST	000	A	$81.00
121611	SL-N-2-02-0-10-S-120V-20W	ST	000	A	$27.50
121620	SL-N-2-05-0-10-S-120V-50W	ST	000	A	$31.75
121638	SL-N-2-10-0-10-S-120V-100W	ST	000	A	$38.75
121646	SL-N-2-15-0-10-S-120V-150W	NS	000	A	$45.75
121654	SL-N-2-20-0-10-S-120V-200W	ST	000	A	$53.00
121662	SL-N-2-20-0-10-S-240V-200W	ST	000	A	$53.00
121697	SL-N-2-35-0-10-S-120V-350W	NS	000	A	$54.00
121700	SL-N-2-40-0-10-S-120V-400W	NS	000	A	$59.00
121726	SL-N-3-05-0-10-S-120V-75W	ST	000	A	$35.25
121734	SL-N-3-10-0-10-S-120V-150W	ST	000	A	$45.75
121742	SL-N-3-15-0-10-S-120V-225W	ST	000	A	$56.50
121750	SL-N-3-15-0-10-S-240V-225W	NS	000	A	$43.75
121769	SL-N-3-20-0-10-S-120V-300W	ST	000	A	$67.00
121777	SL-N-3-20-0-10-S-240V-300W	ST	000	A	$67.00
121785	SL-N-3-25-0-10-S-120V-375W	ST	000	A	$77.50
121814	SL-N-3-40-0-10-S-120V-600W	ST	000	A	$109.00
121822	SL-N-4-10-0-10-S-120V-200W	ST	000	A	$53.00
121849	SL-N-5-10-0-10-S-120V-250W	ST	000	A	$60.00
121857	SL-N-5-15-0-10-S-120V-375W	ST	000	A	$77.50
121865	SL-N-5-20-0-10-S-120V-500W	ST	000	A	$95.00
121873	SL-N-6-15-0-10-S-120V-450W	ST	000	A	$88.00
121881	SL-N-6-20-0-10-S-120V-600W	ST	000	A	$109.00

SILICONE LAMINATED (ENCL) 807

ENCLOSURE HEATER WITH PRESET - THERMOSTAT(40F CLOSE,55F OPEN)

122622	SLB-2-5-55P-10-120V-25W	ST	000	A	$107.00
122606	SLB-2-5-55P-10-120V-50W	ST	000	A	$107.00
122585	SLB-2-10-55P-10-120V-100W	ST	000	A	$117.00
123297	SLB-4-10-55P-10-120V-200W	ST	000	A	$139.00

ENCLOSURE HEATER WITHOUT THERMOSTAT

122614	SLB-2-5-O-10-120V-25W	ST	000	A	$63.50
122593	SLB-2-5-O-10-120V-50W	ST	000	A	$63.50
122577	SLB-2-10-O-10-120V-100W	ST	000	A	$72.50
123300	SLB-4-10-O-10-120V-200W	ST	000	A	$94.00

IN-LINE THERMOSTAT (40F CLOSE 55F OPEN)

122657	T-N-40P-KIT	ST	000	A	$45.00

DRUM HEATERS SILICONE RUBBER INSUL

5 GALLON METAL DRUM

123123	SLDH-5-A-6CPGM1-120V-550W	ST	000	A	$269.00

5 GALLON PLASTIC DRUM

123190	SLDHP-5-A-6CPGM-120V-300W	NS	000	A	$525.00

15 GALLON METAL DRUM

123211	SLDH-15-A-6CGM2-240V-500W	NS	000	A	$276.00
123131	SLDH-15-A-6CPGM1-120V-500W	ST	000	A	$276.00
123140	SLDH-15-A-6CPGM1-120V-700W	ST	000	A	$298.00

30 GALLON METAL DRUM

123166	SLDH-30-A-6CPGM1-120V-1000W	ST	000	A	$406.00
123158	SLDH-30-A-6CPGM1-120V-750W	NS	000	A	$293.00
123220	SLDH-30-A-6CGM2-240V-750W	NS	000	A	$293.00

55 GALLON METAL DRUM

123174	SLDH-55-A-6CPGM1-120V-1000W	ST	000	A	$317.00
123182	SLDH-55-A-6CPGM1-120V-1200W	ST	000	A	$449.00
123238	SLDH-55-A-6CGM2-240V-1000W	ST	000	A	$317.00
123246	SLDH-55-A-6CGM2-240V-1200W	ST	000	A	$449.00

55 GALLON PLASTIC DRUM

123203	SLDHP-55-A-6CPGM-120V-750W	ST	000	A	$880.00

WOVEN DRUM HEATERS

5 GALLON PAIL

123000	PHD-5-1-5	NS	000	A	$606.00
123019	PHD-5-2-5	NS	000	A	$606.00
123086	PHDT-5-1-5	NS	000	A	$773.00
123094	PHDT-5-2-5	NS	000	A	$773.00

55 GALLON DRUM

123027	PHD-55-1-12	ST	000	A	$901.00
123035	PHD-55-2-12	NS	000	A	$901.00
123107	PHDT-55-1-12	ST	000	A	$1122.00
123115	PHDT-55-2-12	ST	000	A	$1122.00

30 GALLON DRUM

122980	PHD-30-1-10	NS	000	A	$806.00
122999	PHD-30-2-10	ST	000	A	$806.00
123060	PHDT-30-1-10	NS	000	A	$1029.00
123078	PHDT-30-2-10	NS	000	A	$1029.00

15 GALLON DRUM

122964	PHD-15-1-7	ST	000	A	$731.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
122972	PHD-15-2-7	NS	000	A	$731.00
123043	PHDT-15-1-7	NS	000	A	$929.00
123051	PHDT-15-2-7	NS	000	A	$929.00
	INSULATING BLANKET 813				
298070	IBG-5 INSUL BLANKET	NS	002	A	$257.00
299225	IBG-16 INSUL BLANKET	NS	002	A	$300.00
299233	IBG-30 INSUL BLANKET	NS	003	A	$376.00
298089	IBG-55 INSUL BLANKET	ST	000	A	$464.00
	EXTENSION STRAP 819				
290132	PDES-10 GIRTH EXT STRAP	ST	000	A	$23.50
	DAB,KSEF AIR DUCT HEATERS 213				
264014	DAB-30 240V 2500W	NS	006	A	$884.00
264030	DAB-36 240V 3000W	NS	010	A	$1067.00
264057	DAB-48 240V 4000W	NS	014	A	$1463.00
264073	DAB-54 240V 5000W	NS	016	A	$1872.00
264022	DAB-30M 240V 2500W	ST	006	A	$1150.00
264049	DAB-36M 240V 3000W	NS	010	A	$1389.00
264065	DAB-48M 240V 4000W	NS	014	A	$1879.00
264081	DAB-54M 240V 5000W	NS	016	A	$2304.00
255548	KSEF-24 120V 1950W	NS	003	A	$241.00
255556	KSEF-24 240V 1950W	ST	003	A	$241.00
255564	KSEF-30 120V 2500W	NS	004	A	$281.00
255572	KSEF-30 240V 2500W	ST	004	A	$281.00
255580	KSEF-36 240V 3100W	NS	005	A	$322.00
255599	KSEF-43 240V 3700W	NS	006	A	$369.00
255601	KSEF-240M 120V 1950W	NS	003	A	$467.00
255610	KSEF-240M 240V 1950W	NS	003	A	$489.00
255628	KSEF-300M 120V 2500W	NS	004	A	$550.00
255636	KSEF-300M 240V 2500W	NS	004	A	$577.00
255644	KSEF-360M 240V 3100W	NS	005	A	$658.00
255652	KSEF-430M 240V 3700W	NS	006	A	$704.00
255660	KSEF-480M 240V 4000W	NS	007	A	$821.00
255679	KSEF-540M 240V 4500W	NS	008	A	$891.00
256911	KSEF-640M 240V 5000W	NS	010	A	$1400.00
	FTS FINTUBE ELEMENTS 214				
334019	FTS-012475 120V1P .475KW	NS	001	A	$72.50
334027	FTS-015475 120V1P .725KW	ST	001	A	$91.00
334035	FTS-018475 120V1P .950KW	NS	001	A	$104.00
334043	FTS-018475 240V1P .950KW	NS	001	A	$107.00
334051	FTS-024475 120V1P 1.450KW	NS	002	A	$142.00
334060	FTS-024475 240V1P 1.450KW	NS	002	A	$142.00
334078	FTS-030475 120V1P 1.950KW	NS	002	A	$169.00
334086	FTS-030475 240V1P 1.950KW	NS	002	A	$172.00
334094	FTS-036475 120V1P 2.450KW	NS	003	A	$207.00
334107	FTS-036475 240V1P 2.450KW	ST	003	A	$207.00
334115	FTS-042475 120V1P 2.950KW	NS	003	A	$229.00
334123	FTS-042475 240V1P 2.950KW	NS	003	A	$236.00
334131	FTS-048475 240V1P 3.450KW	NS	003	A	$268.00
334140	FTS-054475 240V1P 3.950KW	NS	004	A	$295.00
334158	FTS-063475 240V1P 5.000KW	ST	005	A	$355.00
334166	FTS-063475 480V1P 5.000KW	NS	005	A	$355.00
334174	FTS-074475 240V1P 6.000KW	NS	006	A	$364.00
334182	FTS-074475 480V1P 6.000KW	NS	006	A	$376.00
334190	FTS-086475 240V1P 7.000KW	NS	007	A	$487.00
334203	FTS-086475 480V1P 7.000KW	NS	007	A	$487.00
334211	FTS-097475 240V1P 8.000KW	NS	007	A	$532.00
334220	FTS-097475 480V1P 8.000KW	NS	007	A	$532.00
334238	FTS-109475 240V1P 9.000KW	NS	008	A	$599.00
334246	FTS-109475 480V1P 9.000KW	NS	008	A	$599.00
334254	FTS-119475 240V1P 10.000KW	NS	009	A	$679.00
334262	FTS-119475 480V1P 10.000KW	NS	009	A	$679.00
334270	FTS-015315 120V1P .500KW	NS	001	A	$69.50
334289	FTS-018315 120V1P .675KW	NS	001	A	$88.00
334297	FTS-024315 120V1P 1.025KW	NS	001	A	$121.00
334300	FTS-024315 240V1P 1.025KW	NS	001	A	$121.00
334318	FTS-030315 120V1P 1.375KW	NS	001	A	$142.00
334326	FTS-030315 240V1P 1.375KW	NS	001	A	$142.00
334334	FTS-036315 120V1P 1.750KW	NS	002	A	$176.00
334342	FTS-036315 240V1P 1.750KW	NS	002	A	$176.00
334350	FTS-042315 120V1P 2.100KW	NS	002	A	$197.00
334369	FTS-042315 240V1P 2.100KW	NS	002	A	$197.00
334377	FTS-048315 120V1P 2.450KW	NS	002	A	$230.00
334385	FTS-048315 240V1P 2.450KW	NS	002	A	$230.00
334393	FTS-054315 240V1P 2.800KW	NS	003	A	$248.00
334406	FTS-063315 240V1P 3.500KW	NS	004	A	$308.00
334414	FTS-063315 480V1P 3.500KW	NS	004	A	$308.00
334422	FTS-074315 240V1P 4.000KW	NS	005	A	$361.00
334430	FTS-074315 480V1P 4.000KW	NS	005	A	$349.00
334449	FTS-086315 240V1P 4.700KW	NS	006	A	$382.00
334457	FTS-086315 480V1P 4.700KW	NS	006	A	$393.00
334465	FTS-097315 240V1P 5.400KW	NS	007	A	$462.00
334473	FTS-097315 480V1P 5.400KW	NS	007	A	$462.00
334481	FTS-109315 240V1P 5.800KW	NS	007	A	$521.00
334490	FTS-109315 480V1P 5.800KW	NS	007	A	$521.00
334502	FTS-119315 480V1P 6.200KW	NS	008	A	$567.00
	FTI FINTUBE ELEMENTS 215				
334705	FTI-012475 120V1P .475KW	NS	001	A	$136.00
334713	FTI-015475 120V1P .725KW	NS	001	A	$146.00
334721	FTI-018475 120V1P .950KW	NS	001	A	$209.00
334730	FTI-018475 240V1P .950KW	NS	001	A	$198.00
334748	FTI-024475 120V1P 1.450KW	NS	002	A	$270.00
334756	FTI-024475 240V1P 1.450KW	NS	005	A	$270.00
334764	FTI-030475 120V1P 1.950KW	NS	002	A	$320.00
334772	FTI-030475 240V1P 1.950KW	NS	002	A	$320.00
334780	FTI-036475 120V1P 2.450KW	NS	003	A	$403.00
334799	FTI-036475 240V1P 2.450KW	NS	003	A	$403.00
334801	FTI-042475 120V1P 2.950KW	NS	003	A	$441.00
334810	FTI-042475 240V1P 2.950KW	NS	003	A	$441.00
334828	FTI-048475 240V1P 3.450KW	NS	003	A	$527.00
334836	FTI-054475 240V1P 3.950KW	NS	004	A	$589.00
334844	FTI-063475 240V1P 5.000KW	NS	005	A	$695.00
334852	FTI-063475 480V1P 5.000KW	NS	005	A	$695.00
334860	FTI-074475 240V1P 6.000KW	NS	006	A	$772.00
334879	FTI-074475 480V1P 6.000KW	NS	006	A	$808.00
334887	FTI-086475 240V1P 7.000KW	NS	007	A	$952.00
334895	FTI-086475 480V1P 7.000KW	NS	007	A	$952.00
334908	FTI-097475 240V1P 8.000KW	NS	007	A	$1020.00
334916	FTI-097475 480V1P 8.000KW	NS	007	A	$1020.00
334924	FTI-109475 240V1P 9.000KW	NS	008	A	$1139.00
334932	FTI-109475 480V1P 9.000KW	NS	008	A	$1139.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
334940	FTI-119475 240V1P 10.000KW	NS	009	A	$1313.00
334959	FTI-119475 480V1P 10.000KW	NS	009	A	$1313.00
334967	FTI-015315 120V1P .500KW	NS	001	A	$145.00
334975	FTI-018315 120V1P .675KW	NS	001	A	$170.00
334983	FTI-024315 120V1P 1.025KW	NS	001	A	$212.00
334991	FTI-024315 240V1P 1.025KW	NS	001	A	$220.00
335003	FTI-030315 120V1P 1.375KW	NS	001	A	$268.00
335011	FTI-030315 240V1P 1.375KW	NS	001	A	$268.00
335020	FTI-036315 120V1P 1.750KW	NS	002	A	$337.00
335038	FTI-036315 240V1P 1.750KW	NS	002	A	$321.00
335046	FTI-042315 120V1P 2.100KW	NS	002	A	$377.00
335054	FTI-042315 240V1P 2.100KW	NS	002	A	$377.00
335062	FTI-048315 120V1P 2.450KW	NS	002	A	$428.00
335070	FTI-048315 240V1P 2.450KW	NS	002	A	$428.00
335089	FTI-054315 240V1P 2.800KW	NS	003	A	$477.00
335097	FTI-063315 240V1P 3.500KW	NS	004	A	$593.00
335100	FTI-063315 480V1P 3.500KW	NS	004	A	$567.00
335118	FTI-074315 240V1P 4.000KW	NS	005	A	$662.00
335126	FTI-074315 480V1P 4.000KW	NS	005	A	$662.00
335134	FTI-086315 240V1P 4.700KW	NS	006	A	$765.00
335142	FTI-086315 480V1P 4.700KW	NS	006	A	$765.00
335150	FTI-097315 240V1P 5.400KW	NS	007	A	$870.00
335169	FTI-097315 480V1P 5.400KW	NS	007	A	$870.00
335177	FTI-109315 240V1P 5.800KW	NS	007	A	$982.00
335185	FTI-109315 480V1P 5.800KW	NS	007	A	$982.00
335193	FTI-119315 480V1P 6.200KW	NS	008	A	$1062.00

SFTS FINTUBE ELEMENTS 217

222017	SFTS-12315 120V1P .325KW	NS	001	A	$86.00
222025	SFTS-12315 240V1P .325KW	NS	001	A	$82.00
222033	SFTS-16315 120V1P .500KW	NS	001	A	$116.00
222041	SFTS-16315 240V1P .500KW	NS	001	A	$116.00
222050	SFTS-20315 120V1P .700KW	NS	001	A	$140.00
222068	SFTS-20315 240V1P .700KW	NS	001	A	$140.00
222076	SFTS-24315 120V1P 1.200KW	NS	001	A	$158.00
222084	SFTS-24315 240V1P 1.150KW	NS	001	A	$158.00
222092	SFTS-28315 120V1P 1.200KW	NS	001	A	$181.00
222105	SFTS-28315 240V1P 1.300KW	NS	001	A	$181.00
222113	SFTS-32315 120V1P 1.200KW	NS	002	A	$202.00
222121	SFTS-32315 240V1P 1.600KW	NS	002	A	$202.00
222130	SFTS-36315 120V1P 1.200KW	NS	002	A	$235.00
222148	SFTS-36315 240V1P 1.900KW	NS	002	A	$226.00
222156	SFTS-40315 120V1P 1.200KW	NS	002	A	$253.00
222164	SFTS-40315 240V1P 2.200KW	NS	002	A	$253.00
222172	SFTS-44315 120V1P 1.200KW	NS	002	A	$276.00
222180	SFTS-44315 240V1P 2.250KW	NS	002	A	$276.00
222199	SFTS-48315 120V1P 1.200KW	NS	002	A	$299.00
222201	SFTS-48315 240V1P 2.400KW	NS	002	A	$313.00
222210	SFTS-52315 120V1P 1.200KW	NS	002	A	$331.00
222228	SFTS-52315 240V1P 2.400KW	NS	002	A	$348.00
222236	SFTS-56315 120V1P 1.150KW	NS	003	A	$351.00
222244	SFTS-56315 240V1P 2.400KW	NS	003	A	$371.00
222252	SFTS-60315 120V1P 1.075KW	NS	003	A	$373.00
222260	SFTS-60315 240V1P 2.400KW	NS	003	A	$373.00
222279	SFTS-12475 120V1P .500KW	NS	001	A	$99.00
222287	SFTS-12475 240V1P .500KW	NS	001	A	$99.00
222295	SFTS-16475 120V1P .975KW	NS	001	A	$135.00
222308	SFTS-16475 240V1P .975KW	NS	001	A	$135.00
222316	SFTS-20475 120V1P 1.200KW	NS	002	A	$164.00
222324	SFTS-20475 240V1P 1.200KW	NS	002	A	$164.00
222332	SFTS-20475 480V1P 1.200KW	NS	002	A	$164.00
222340	SFTS-24475 120V1P 1.675KW	NS	002	A	$192.00
222359	SFTS-24475 240V1P 1.675KW	NS	002	A	$192.00
222367	SFTS-24475 480V1P 1.675KW	NS	002	A	$192.00
222375	SFTS-28475 120V1P 1.975KW	NS	002	A	$222.00
222383	SFTS-28475 240V1P 1.975KW	NS	002	A	$222.00
222391	SFTS-28475 480V1P 1.975KW	NS	002	A	$222.00
222404	SFTS-32475 120V1P 2.150KW	NS	003	A	$235.00
222412	SFTS-32475 240V1P 2.300KW	NS	003	A	$247.00
222420	SFTS-32475 480V1P 2.300KW	NS	003	A	$247.00
222439	SFTS-36475 120V1P 2.100KW	NS	003	A	$277.00
222447	SFTS-36475 240V1P 2.700KW	NS	003	A	$277.00
222455	SFTS-36475 480V1P 2.700KW	NS	003	A	$277.00
222463	SFTS-40475 120V1P 1.950KW	NS	003	A	$297.00
222471	SFTS-40475 240V1P 3.150KW	NS	003	A	$312.00
222480	SFTS-40475 480V1P 3.150KW	NS	003	A	$312.00
222498	SFTS-44475 120V1P 1.750KW	NS	003	A	$331.00
222500	SFTS-44475 240V1P 3.500KW	NS	003	A	$348.00
222519	SFTS-44475 480V1P 3.500KW	NS	003	A	$348.00
222527	SFTS-48475 120V1P 1.575KW	NS	004	A	$352.00
222535	SFTS-48475 240V1P 3.850KW	NS	004	A	$352.00
222543	SFTS-48475 480V1P 3.850KW	NS	004	A	$373.00
222551	SFTS-52475 120V1P 1.450KW	NS	004	A	$382.00
222560	SFTS-52475 240V1P 4.225KW	NS	004	A	$382.00
222578	SFTS-52475 480V1P 4.225KW	NS	004	A	$401.00
222586	SFTS-56475 120V1P 1.325KW	NS	004	A	$413.00
222594	SFTS-56475 240V1P 4.400KW	NS	004	A	$413.00
222607	SFTS-56475 480V1P 4.400KW	NS	004	A	$413.00
222615	SFTS-60475 120V1P 1.225KW	NS	005	A	$444.00
222623	SFTS-60475 240V1P 4.350KW	NS	005	A	$467.00
222631	SFTS-60475 480V1P 4.350KW	NS	005	A	$467.00

SFTI FINTUBE ELEMENTS 218

222640	SFTI-12315 120V1P .325KW	NS	001	A	$110.00
222658	SFTI-12315 240V1P .325KW	NS	001	A	$110.00
222666	SFTI-16315 120V1P .500KW	NS	001	A	$157.00
222674	SFTI-16315 240V1P .500KW	NS	001	A	$157.00
222682	SFTI-20315 120V1P .700KW	NS	001	A	$193.00
222690	SFTI-20315 240V1P .700KW	NS	001	A	$193.00
222703	SFTI-24315 120V1P 1.200KW	NS	001	A	$241.00
222711	SFTI-24315 240V1P 1.150KW	NS	001	A	$253.00
222720	SFTI-28315 120V1P 1.200KW	NS	001	A	$304.00
222738	SFTI-28315 240V1P 1.300KW	NS	001	A	$289.00
222746	SFTI-32315 120V1P 1.200KW	NS	002	A	$341.00
222754	SFTI-32315 240V1P 1.600KW	NS	002	A	$341.00
222762	SFTI-36315 120V1P 1.200KW	NS	002	A	$402.00
222770	SFTI-36315 240V1P 1.900KW	NS	002	A	$402.00
222789	SFTI-40315 120V1P 1.200KW	NS	002	A	$483.00
222797	SFTI-40315 240V1P 2.200KW	NS	002	A	$483.00
222800	SFTI-44315 120V1P 1.200KW	NS	002	A	$529.00
222818	SFTI-44315 240V1P 2.250KW	NS	002	A	$529.00
222826	SFTI-48315 120V1P 1.200KW	NS	002	A	$589.00
222834	SFTI-48315 240V1P 2.400KW	NS	002	A	$589.00
222842	SFTI-52315 120V1P 1.200KW	NS	002	A	$656.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
222850	SFTI-52315 240V1P 2.400KW	NS	002	A	$656.00
222869	SFTI-56315 120V1P 1.150KW	NS	003	A	$725.00
222877	SFTI-56315 240V1P 2.400KW	NS	003	A	$725.00
222885	SFTI-60315 120V1P 1.075KW	NS	003	A	$760.00
222893	SFTI-60315 240V1P 2.400KW	NS	003	A	$760.00
222906	SFTI-12475 120V1P .500KW	NS	001	A	$152.00
222914	SFTI-12475 240V1P .500KW	NS	001	A	$145.00
222922	SFTI-16475 120V1P .975KW	NS	001	A	$195.00
222930	SFTI-16475 240V1P .975KW	NS	001	A	$195.00
222949	SFTI-20475 120V1P 1.200KW	NS	002	A	$238.00
222957	SFTI-20475 240V1P 1.200KW	NS	002	A	$238.00
222965	SFTI-20475 480V1P 1.200KW	NS	001	A	$238.00
222973	SFTI-24475 120V1P 1.675KW	NS	002	A	$281.00
222981	SFTI-24475 240V1P 1.675KW	NS	002	A	$281.00
222990	SFTI-24475 480V1P 1.675KW	NS	002	A	$281.00
223001	SFTI-28475 120V1P 1.975KW	NS	002	A	$328.00
223010	SFTI-28475 240V1P 1.975KW	NS	002	A	$328.00
223028	SFTI-28475 480V1P 1.975KW	NS	002	A	$311.00
223036	SFTI-32475 120V1P 2.150KW	NS	003	A	$374.00
223044	SFTI-32475 240V1P 2.300KW	NS	003	A	$353.00
223052	SFTI-32475 480V1P 2.300KW	NS	003	A	$374.00
223060	SFTI-36475 120V1P 2.100KW	NS	003	A	$414.00
223079	SFTI-36475 240V1P 2.700KW	NS	003	A	$414.00
223087	SFTI-36475 480V1P 2.700KW	NS	003	A	$414.00
223095	SFTI-40475 120V1P 1.950KW	NS	003	A	$466.00
223108	SFTI-40475 240V1P 3.150KW	NS	003	A	$442.00
223116	SFTI-40475 480V1P 3.150KW	NS	003	A	$442.00
223124	SFTI-44475 120V1P 1.750KW	NS	003	A	$484.00
223132	SFTI-44475 240V1P 3.500KW	NS	003	A	$508.00
223140	SFTI-44475 480V1P 3.500KW	NS	003	A	$508.00
223159	SFTI-48475 120V1P 1.575KW	NS	004	A	$524.00
223167	SFTI-48475 240V1P 3.850KW	NS	004	A	$524.00
223175	SFTI-48475 480V1P 3.850KW	NS	004	A	$524.00
223183	SFTI-52475 120V1P 1.450KW	NS	004	A	$556.00
223191	SFTI-52475 240V1P 4.225KW	NS	004	A	$556.00
223204	SFTI-52475 480V1P 4.225KW	NS	004	A	$584.00
223212	SFTI-56475 120V1P 1.325KW	NS	004	A	$615.00
223220	SFTI-56475 240V1P 4.400KW	NS	004	A	$615.00
223239	SFTI-56475 480V1P 4.400KW	NS	004	A	$615.00
223247	SFTI-60475 120V1P 1.225KW	NS	005	A	$646.00
223255	SFTI-60475 240V1P 4.350KW	NS	005	A	$679.00
223263	SFTI-60475 480V1P 4.350KW	NS	005	A	$679.00

ADDITIONAL FEATURES-FINTUBES

See tubular section.

CAB AIR DUCT HEATERS 220

PCN	DESCRIPTION	SS	WT	D	PRICE
260013	CAB-62 120V1P 6.000KW	NS	025	A	$971.00
260021	CAB-62 208V1P 6.000KW	NS	025	A	$971.00
260030	CAB-62 240V1P 6.000KW	NS	025	A	$971.00
260048	CAB-62 480V1P 6.000KW	NS	025	A	$971.00
260056	CAB-62 120V3P 6.000KW	NS	025	A	$971.00
260064	CAB-62 208V3P 6.000KW	NS	025	A	$971.00
260072	CAB-62 240V3P 6.000KW	NS	025	A	$971.00
260080	CAB-62 480V3P 6.000KW	ST	025	A	$971.00
260099	CAB-122 208V1P 12.000KW	NS	035	A	$1507.00
260101	CAB-122 240V1P 12.000KW	NS	035	A	$1507.00
260110	CAB-122 480V1P 12.000KW	NS	035	A	$1507.00
260128	CAB-122 208V3P 12.000KW	NS	035	A	$1507.00
260136	CAB-122 240V3P 12.000KW	NS	035	A	$1507.00
260144	CAB-122 480V3P 12.000KW	ST	035	A	$1507.00
260152	CAB-152 208V1P 15.000KW	NS	040	A	$1788.00
260160	CAB-152 240V1P 15.000KW	NS	040	A	$1788.00
260179	CAB-152 480V1P 15.000KW	NS	040	A	$1788.00
260187	CAB-152 208V3P 15.000KW	NS	040	A	$1788.00
260195	CAB-152 240V3P 15.000KW	NS	040	A	$1788.00
260208	CAB-152 480V3P 15.000KW	ST	040	A	$1788.00
260216	CAB-202 208V3P 20.000KW	NS	055	A	$2324.00
260224	CAB-202 240V3P 20.000KW	NS	055	A	$2324.00
260232	CAB-202 480V3P 20.000KW	NS	055	A	$2324.00
260240	CAB-252 208V3P 25.000KW	NS	065	A	$2707.00
260259	CAB-252 240V3P 25.000KW	NS	065	A	$2707.00
260267	CAB-252 480V3P 25.000KW	NS	065	A	$2707.00
260275	CAB-402 208V3P 40.000KW	NS	090	A	$3461.00
260283	CAB-402 240V3P 40.000KW	NS	090	A	$3461.00
260291	CAB-402 480V3P 40.000KW	NS	090	A	$3461.00
260304	CAB-502 208V3P 50.000KW	NS	110	A	$4312.00
260312	CAB-502 240V3P 50.000KW	NS	110	A	$4312.00
260320	CAB-502 480V3P 50.000KW	NS	110	A	$4312.00
260339	CAB-752 208V3P 75.000KW	NS	200	A	$6442.00
260347	CAB-752 240V3P 75.000KW	NS	200	A	$6442.00
260355	CAB-752 480V3P 75.000KW	NS	200	A	$6442.00
260363	CAB-1002 208V3P 100.000KW	NS	220	A	$8266.00
260371	CAB-1002 240V3P 100.000KW	NS	220	A	$8266.00
260380	CAB-1002 480V3P 100.000KW	NS	220	A	$8266.00
260398	CAB-611 120V1P 6.000KW	NS	025	A	$1085.00
260400	CAB-611 208V1P 6.000KW	NS	025	A	$1085.00
260419	CAB-611 240V1P 6.000KW	NS	025	A	$1085.00
260427	CAB-611 480V1P 6.000KW	NS	025	A	$1085.00
260435	CAB-611 120V3P 6.000KW	NS	025	A	$1085.00
260443	CAB-611 208V3P 6.000KW	NS	025	A	$1085.00
260451	CAB-611 240V3P 6.000KW	NS	025	A	$1085.00
260460	CAB-611 480V3P 6.000KW	ST	025	A	$1085.00
260478	CAB-1211 208V1P 12.000KW	NS	035	A	$1643.00
260486	CAB-1211 240V1P 12.000KW	NS	035	A	$1643.00
260494	CAB-1211 480V1P 12.000KW	NS	035	A	$1643.00
260507	CAB-1211 208V3P 12.000KW	NS	035	A	$1643.00
260515	CAB-1211 240V3P 12.000KW	NS	035	A	$1643.00
260523	CAB-1211 480V3P 12.000KW	NS	035	A	$1643.00
260531	CAB-1511 208V1P 15.000KW	NS	040	A	$2180.00
260540	CAB-1511 240V1P 15.000KW	NS	040	A	$2180.00
260558	CAB-1511 480V1P 15.000KW	NS	040	A	$2180.00
260566	CAB-1511 208V3P 15.000KW	NS	040	A	$2180.00
260574	CAB-1511 240V3P 15.000KW	NS	040	A	$2180.00
260582	CAB-1511 480V3P 15.000KW	ST	040	A	$2180.00
260590	CAB-2011 208V3P 20.000KW	NS	055	A	$2738.00
260603	CAB-2011 240V3P 20.000KW	NS	055	A	$2738.00
260611	CAB-2011 480V3P 20.000KW	NS	055	A	$2738.00
260620	CAB-2511 208V3P 25.000KW	NS	065	A	$3287.00
260638	CAB-2511 240V3P 25.000KW	NS	065	A	$3287.00
260646	CAB-2511 480V3P 25.000KW	NS	065	A	$3287.00
279160	CAB-3011 480V3P 30.000KW	NS	080	A	$3348.00
260654	CAB-4011 208V3P 40.000KW	NS	090	A	$4049.00
260660	CAB-4011 240V3P 40.000KW	NS	090	A	$4049.00
260670	CAB-4011 480V3P 40.000KW	ST	090	A	$4049.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
260689	CAB-5011 208V3P 50.000KW	NS	110	A	$5127.00
260697	CAB-5011 240V3P 50.000KW	NS	110	A	$5127.00
260700	CAB-5011 480V3P 50.000KW	NS	110	A	$5127.00
260718	CAB-7511 208V3P 75.000KW	NS	200	A	$6955.00
260726	CAB-7511 240V3P 75.000KW	NS	200	A	$6955.00
260734	CAB-7511 480V3P 75.000KW	NS	200	A	$6955.00
260742	CAB-10021 208V3P 100.000KW	NS	220	A	$8647.00
260750	CAB-10021 240V3P 100.000KW	NS	220	A	$8647.00
260769	CAB-10021 480V3P 100.000KW	NS	220	A	$8647.00
269720	CAB-TERMINAL COVER 1-21921	ST	001	A	$136.00

CABB AIR DUCT HEATERS 221

266626	CABB-252 480V3P 25.000KW	NS	065	A	$2891.00
266669	CABB-402 480V3P 40.000KW	NS	090	A	$3652.00
266466	CABB-502 480V3P 50.000KW	NS	110	A	$4652.00
261120	CABB-752 480V3P 75.000KW	NS	200	A	$6891.00
261139	CABB-1002 480V3P 100.000KW	NS	220	A	$8539.00
266546	CABB-611 240V3P 6.000KW	NS	025	A	$1231.00
266554	CABB-611 480V3P 6.000KW	ST	025	A	$1231.00
203860	CABB-1211 208V3P 12.000KW	NS	035	A	$1807.00
203801	CABB-1211 240V3P 12.000KW	NS	035	A	$1807.00
266562	CABB-1211 480V3P 12.000KW	ST	035	A	$1807.00
266570	CABB-2011 480V3P 20.000KW	ST	055	A	$2913.00
266634	CABB-2511 480V3P 25.000KW	ST	065	A	$3470.00
266642	CABB-4011 480V3P 40.000KW	NS	090	A	$4256.00
266407	CABB-5011 480V3P 50.000KW	NS	110	A	$5347.00
261147	CABB-7511 480V3P 75.000KW	NS	200	A	$7429.00
261166	CABB-10021 480V3P 100.000KW	NS	220	A	$9216.00

Additional Features-CAB/CABB

1. New Item Engineering Charge pro-rated over the quantity of each item ordered. No charge applies	$100
Total list value amount of quanitity for no charge to apply	$500
2. Bottom terminals (add "-B" to model)	$79
3. Monel sheath and fins (add to chrome steel list price)	40%
4. Special voltage above 480 volts (add to base list plus new item engineering charge)	10%
5. Protective terminal cover, PCN 269720	$105

TDH AIR DUCT HEATERS 222

260785	TDH-6C 240V3P 6.000KW	NS	019	A	$1798.00
260806	TDH-6C 480V3P 6.000KW	NS	019	A	$1798.00
260822	TDH-12C 240V3P 12.000KW	NS	026	A	$2630.00
260849	TDH-12C 480V3P 12.000KW	NS	026	A	$2630.00
260865	TDH-18C 240V3P 18.000KW	NS	034	A	$3528.00
260881	TDH-18C 480V3P 18.000KW	NS	034	A	$3528.00
260902	TDH-24C 240V3P 24.000KW	NS	042	A	$4394.00
260929	TDH-24C 480V3P 24.000KW	NS	042	A	$4394.00
260945	TDH-30C 240V3P 30.000KW	NS	051	A	$5239.00
260961	TDH-30C 480V3P 30.000KW	NS	051	A	$5239.00
260970	TDH-36C 240V3P 36.000KW	NS	060	A	$6158.00
260988	TDH-36C 480V3P 36.000KW	NS	060	A	$6158.00
260996	TDH-42C 240V3P 42.000KW	NS	069	A	$7098.00
261008	TDH-42C 480V3P 42.000KW	NS	069	A	$7098.00
261016	TDH-48C 240V3P 48.000KW	NS	078	A	$8021.00
261024	TDH-48C 480V3P 48.000KW	NS	078	A	$8021.00
261032	TDH-54C 240V3P 54.000KW	NS	087	A	$8969.00
261040	TDH-54C 480V3P 54.000KW	NS	087	A	$8969.00
261059	TDH-60C 240V3P 60.000KW	NS	096	A	$9894.00
261067	TDH-60C 480V3P 60.000KW	NS	096	A	$9894.00

ADH AIR DUCT HEATERS 225

210673	ADH-005 240V 5KW 1PH	NS	015	A	$1132.00
210681	ADH-005 240V 5KW 3PH	NS	015	A	$1132.00
210690	ADH-005 480V 5KW 1PH	NS	015	A	$1132.00
210016	ADH-005 480V 5KW 3PH	NS	015	A	$1132.00
215212	ADH-005F 240V 5KW 1PH	NS	015	A	$1256.00
215220	ADH-005F 240V 5KW 3PH	NS	015	A	$1256.00
215239	ADH-005F 480V 5KW 1PH	NS	015	A	$1256.00
215247	ADH-005F 480V 5KW 3PH	NS	015	A	$1256.00
215634	ADH-005FT 240V 5KW 1PH	NS	015	A	$1493.00
215642	ADH-005FT 240V 5KW 3PH	NS	015	A	$1493.00
215650	ADH-005FT 480V 5KW 1PH	NS	015	A	$1493.00
215669	ADH-005FT 480V 5KW 3PH	NS	015	A	$1493.00
214770	ADH-005T 240V 5KW 1PH	NS	015	A	$1376.00
214789	ADH-005T 240V 5KW 3PH	NS	015	A	$1376.00
214797	ADH-005T 480V 5KW 1PH	NS	015	A	$1376.00
214800	ADH-005T 480V 5KW 3PH	NS	015	A	$1376.00
210702	ADH-010 240V 10KW 1PH	NS	020	A	$1350.00
210710	ADH-010 240V 10KW 3PH	NS	020	A	$1350.00
210729	ADH-010 480V 10KW 1PH	NS	020	A	$1350.00
210024	ADH-010 480V 10KW 3PH	ST	020	A	$1350.00
215255	ADH-010F 240V 10KW 1PH	NS	020	A	$1590.00
215263	ADH-010F 240V 10KW 3PH	NS	020	A	$1590.00
215271	ADH-010F 480V 10KW 1PH	NS	020	A	$1590.00
215280	ADH-010F 480V 10KW 3PH	NS	020	A	$1590.00
215677	ADH-010FT 240V 10KW 1PH	NS	020	A	$1827.00
215685	ADH-010FT 240V 10KW 3PH	NS	020	A	$1827.00
215693	ADH-010FT 480V 10KW 1PH	NS	020	A	$1827.00
215706	ADH-010FT 480V 10KW 3PH	NS	020	A	$1827.00
214818	ADH-010T 240V 10KW 1PH	NS	020	A	$1592.00
214826	ADH-010T 240V 10KW 3PH	NS	020	A	$1592.00
214834	ADH-010T 480V 10KW 1PH	NS	020	A	$1592.00
214842	ADH-010T 480V 10KW 3PH	NS	020	A	$1592.00
210737	ADH-015 240V 15KW 1PH	NS	025	A	$1567.00
210745	ADH-015 240V 15KW 3PH	NS	025	A	$1567.00
210032	ADH-015 480V 15KW 3PH	ST	025	A	$1567.00
210753	ADH-015 480V 15KW 1PH	NS	025	A	$1567.00
215298	ADH-015F 240V 15KW 1PH	NS	025	A	$1882.00
215300	ADH-015F 240V 15KW 3PH	NS	025	A	$1882.00
215319	ADH-015F 480V 15KW 1PH	NS	025	A	$1882.00
215327	ADH-015F 480V 15KW 3PH	NS	025	A	$1882.00
215714	ADH-015FT 240V 15KW 1PH	NS	025	A	$2119.00
215722	ADH-015FT 240V 15KW 3PH	NS	025	A	$2119.00
215730	ADH-015FT 480V 15KW 1PH	NS	025	A	$2119.00
215749	ADH-015FT 480V 15KW 3PH	NS	025	A	$2119.00
214850	ADH-015T 240V 15KW 1PH	NS	025	A	$1808.00
214869	ADH-015T 240V 15KW 3PH	NS	025	A	$1808.00
214884	ADH-015T 480V 115KW 3PH	NS	025	A	$1808.00
214877	ADH-015T 480V 15KW 1PH	NS	025	A	$1808.00
210788	ADH-020 240V 20KW 3PH	NS	035	A	$2012.00
210796	ADH-020 480V 20KW 1PH	NS	035	A	$2012.00
210761	ADH-020 240V 20KW 1PH	NS	035	A	$2012.00
210040	ADH-020 480V 20KW 3PH	ST	035	A	$2012.00
215335	ADH-020F 240V 20KW 1PH	NS	035	A	$2367.00
215343	ADH-020F 240V 20KW 3PH	NS	035	A	$2367.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
215351	ADH-020F 480V 20KW 1PH	NS	035	A	$2367.00
215360	ADH-020F 480V 20KW 3PH	NS	035	A	$2367.00
215757	ADH-020FT 240V 20KW 1PH	NS	035	A	$2608.00
215765	ADH-020FT 240V 20KW 3PH	NS	035	A	$2608.00
215773	ADH-020FT 480V 20KW 1PH	NS	035	A	$2608.00
215781	ADH-020FT 480V 20KW 3PH	NS	035	A	$2608.00
214906	ADH-020T 240V 20KW 3PH	NS	035	A	$2252.00
214893	ADH-020T 240V020KW 1PH	NS	035	A	$2252.00
214914	ADH-020T 480V 20KW 1PH	NS	035	A	$2252.00
214922	ADH-020T 480V 20KW 3PH	NS	035	A	$2252.00
210809	ADH-025 240V 25KW 1PH	NS	040	A	$2462.00
210817	ADH-025 240V 25KW 3PH	NS	040	A	$2462.00
210825	ADH-025 480V 25KW 1PH	NS	040	A	$2462.00
210059	ADH-025 480V 25KW 3PH	NS	040	A	$2462.00
215378	ADH-025F 240V 25KW 1PH	NS	040	A	$3057.00
215386	ADH-025F 240V 25KW 3PH	NS	040	A	$3057.00
215394	ADH-025F 480V 25KW 1PH	NS	040	A	$3057.00
215407	ADH-025F 480V 25KW 3PH	NS	040	A	$3057.00
215790	ADH-025FT 240V 25KW 1PH	NS	040	A	$3294.00
215802	ADH-025FT 240V 25KW 3PH	NS	040	A	$3294.00
215810	ADH-025FT 480V 25KW 1PH	NS	040	A	$3294.00
215829	ADH-025FT 480V 25KW 3PH	NS	040	A	$3294.00
214930	ADH-025T 240V 25KW 1PH	NS	040	A	$2701.00
214949	ADH-025T 240V 25KW 3PH	NS	040	A	$2701.00
214957	ADH-025T 480V 25KW 1PH	NS	040	A	$2701.00
214965	ADH-025T 480V 25KW 3PH	NS	040	A	$2701.00
210833	ADH-030 240V 30KW 1PH	NS	055	A	$2914.00
210841	ADH-030 240V 30KW 3PH	NS	055	A	$2914.00
210850	ADH-030 480V 30KW 1PH	NS	055	A	$2914.00
210067	ADH-030 480V 30KW 3PH	NS	055	A	$2914.00
215415	ADH-030F 240V 30KW 1PH	NS	055	A	$3624.00
215423	ADH-030F 240V 30KW 3PH	NS	055	A	$3624.00
215431	ADH-030F 480V 30KW 1PH	NS	055	A	$3624.00
215440	ADH-030F 480V 30KW 3PH	NS	055	A	$3624.00
215837	ADH-030FT 240V 30KW 1PH	NS	055	A	$3864.00
215845	ADH-030FT 240V 30KW 3PH	NS	055	A	$3864.00
215855	ADH-030FT 480V 30KW 1PH	NS	055	A	$3864.00
215861	ADH-030FT 480V 30KW 3PH	NS	055	A	$3864.00
214973	ADH-030T 240V 30KW 1PH	NS	055	A	$3154.00
214981	ADH-030T 240V 30KW 3PH	NS	055	A	$3154.00
214990	ADH-030T 480V 30KW 1PH	NS	055	A	$3154.00
215001	ADH-030T 480V 30KW 3PH	NS	055	A	$3154.00
210868	ADH-035 240V 35KW 3PH	NS	065	A	$3465.00
210075	ADH-035 480V 35KW 3PH	NS	065	A	$3465.00
215458	ADH-035F 240V 35KW 3PH	NS	065	A	$4297.00
215466	ADH-035F 480V 35KW 1PH	NS	065	A	$4297.00
215474	ADH-035F 480V 35KW 3PH	NS	065	A	$4297.00
215870	ADH-035FT 240V 35KW 3PH	NS	065	A	$4535.00
215888	ADH-035FT 480V 35KW 1PH	NS	065	A	$4535.00
215896	ADH-035FT 480V 35KW 3PH	NS	065	A	$4535.00
215036	ADH-035T 240V 35KW 3PH	NS	065	A	$3704.00
215044	ADH-035T 480V 35KW 1PH	NS	065	A	$3704.00
215052	ADH-035T 480V 35KW 3PH	NS	065	A	$3704.00
210884	ADH-040 240V 40KW 3PH	NS	070	A	$3959.00
210892	ADH-040 480V 40KW 1PH	NS	070	A	$3959.00
210083	ADH-040 480V 40KW 3PH	NS	070	A	$3959.00
215482	ADH-040F 240V 40KW 3PH	NS	070	A	$4907.00
215490	ADH-040F 480V 40KW 1PH	NS	070	A	$4907.00
215503	ADH-040F 480V 40KW 3PH	NS	070	A	$4907.00
215909	ADH-040FT 240V 40KW 3PH	NS	070	A	$5148.00
215917	ADH-040FT 480V 40KW 1PH	NS	070	A	$5148.00
215925	ADH-040FT 480V 40KW 3PH	NS	070	A	$5148.00
215060	ADH-040T 240V 40KW 3PH	NS	070	A	$4199.00
215079	ADH-040T 480V 40KW 1PH	NS	070	A	$4199.00
215087	ADH-040T 480V 40KW 3PH	NS	070	A	$4199.00
210905	ADH-045 240V 45KW 3PH	NS	080	A	$4447.00
210913	ADH-045 480V 45KW 1PH	NS	080	A	$4447.00
210091	ADH-045 480V 45KW 3PH	NS	080	A	$4447.00
215511	ADH-045F 240V 45KW 3PH	NS	080	A	$5512.00
215520	ADH-045F 480V 45KW 1PH	NS	080	A	$5512.00
215538	ADH-045F 480V 45KW 3PH	NS	080	A	$5512.00
215933	ADH-045FT 240V 45KW 3PH	NS	080	A	$5752.00
215941	ADH-045FT 480V 45KW 1PH	NS	080	A	$5752.00
215950	ADH-045FT 480V 45KW 3PH	NS	080	A	$5752.00
215095	ADH-045T 240V 45KW 3PH	NS	080	A	$4683.00
215108	ADH-045T 480V 45KW 1PH	NS	080	A	$4683.00
215116	ADH-045T 480V 45KW 3PH	NS	080	A	$4683.00
210921	ADH-050 240V 50KW 3PH	NS	090	A	$4878.00
210930	ADH-050 480V 50KW 1PH	NS	090	A	$4878.00
210104	ADH-050 480V 50KW 3PH	ST	090	A	$4878.00
215546	ADH-050F 240V 50KW 3PH	NS	090	A	$6064.00
215554	ADH-050F 480V 50KW 1PH	NS	090	A	$6064.00
215562	ADH-050F 480V 50KW 3PH	NS	090	A	$6064.00
215968	ADH-050FT 240V 50KW 3PH	NS	090	A	$6304.00
215976	ADH-050FT 480V 50KW 1PH	NS	090	A	$6304.00
215984	ADH-050FT 480V 50KW 3PH	NS	090	A	$6304.00
215124	ADH-050T 240V 50KW 3PH	NS	090	A	$5117.00
215132	ADH-050T 480V 50KW 1PH	NS	090	A	$5117.00
215140	ADH-050T 480V 50KW 3PH	NS	090	A	$5117.00
210112	ADH-060 480 60KW 3PH	NS	105	A	$5432.00
215570	ADH-060F 480V 60KW 3PH	NS	105	A	$6854.00
215992	ADH-060FT 480V 60KW 3PH	NS	105	A	$7094.00
215159	ADH-060T 480V 60KW 3PH	NS	105	A	$5669.00
210948	ADH-070 480V 70KW 3PH	NS	140	A	$5797.00
215589	ADH-070F 480V 70KW 3PH	NS	140	A	$7458.00
216004	ADH-070FT 480V 70KW 3PH	NS	140	A	$7696.00
215167	ADH-070T 480V 70KW 3PH	NS	140	A	$6036.00
210120	ADH-080 480V 80KW 3PH	NS	140	A	$6128.00
215597	ADH-080F 480V 80KW 3PH	NS	140	A	$8026.00
216100	ADH-080FT 480V 80KW 3PH	NS	140	A	$8266.00
215175	ADH-080T 480V 80KW 3PH	NS	140	A	$6366.00
210139	ADH-090 480V 90KW 3PH	NS	160	A	$6454.00
215600	ADH-090F 480V 90KW 3PH	NS	160	A	$8589.00
216119	ADH-090FT 480V 90KW 3PH	NS	160	A	$8826.00
215183	ADH-090T 480V 90KW 3PH	NS	160	A	$6691.00
210147	ADH-100 480V 100KW 3PH	NS	165	A	$6781.00
215618	ADH-100F 480V 100KW 3PH	NS	165	A	$9153.00
216127	ADH-100FT 480V 100KW 3PH	NS	165	A	$9395.00
215191	ADH-100T 480V 100KW 3PH	NS	165	A	$7023.00
210956	ADH-126 480V 126KW 3PH	NS	165	A	$8428.00
215626	ADH-126F 480V 126KW 3PH	NS	165	A	$10089.00
216135	ADH-126FT 480V 126KW 3PH	NS	165	A	$10329.00
215204	ADH-126T 480V 126KW 3PH	NS	165	A	$8668.00
210155	ADH-144 480V 144KW 3PH	NS	185	A	$9594.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
216952	ADH-144F 480V 144KW 3PH	NS	185	A	$11493.00
216143	ADH-144FT 480V 144KW 3PH	NS	185	A	$11732.00
216936	ADH-144T 480V 144KW 3PH	NS	185	A	$9834.00
210163	ADH-162 480V 162KW 3PH	NS	240	A	$10465.00
216960	ADH-162F 480V 162KW 3PH	NS	240	A	$12599.00
216151	ADH-162FT 480V 162KW 3PH	NS	240	A	$12837.00
216944	ADH-162T 480V 162KW 3PH	NS	240	A	$10703.00
210171	ADH-216F 480V 216KW 3PH	NS	300	A	$17014.00
216928	ADH-216FT 480V 216KW 3PH	NS	300	A	$17254.00
210180	ADH-270F 480V 270KW 3PH	NS	300	A	$20475.00
216160	ADH-270FT 480V 270KW 3PH	NS	300	A	$20714.00

ADHT AIR DUCT HEATERS 228

210198	ADHT-005 480V3P 5.000KW	NS	015	A	$1776.00
216178	ADHT-005 240V 5KW 1PH	NS	015	A	$1776.00
216186	ADHT-005 240V 5KW 3PH	NS	015	A	$1776.00
216194	ADHT-005 480V 5KW 1PH	NS	015	A	$1776.00
216450	ADHT-005F 240V 5KW 3PH	NS	015	A	$1890.00
216469	ADHT-005F 240V 5KW 3PH	NS	015	A	$1890.00
216477	ADHT-005F 480V 5KW 1PH	NS	015	A	$1890.00
216485	ADHT-005F 480V 5KW 3PH	NS	015	A	$1890.00
216215	ADHT-010 240V 10KW 1PH	NS	020	A	$1928.00
216223	ADHT-010 240V 10KW 3PH	NS	020	A	$1928.00
216231	ADHT-010 480V 10KW 1PH	NS	020	A	$1928.00
210200	ADHT-010 480V 10KW 3PH	NS	020	A	$1928.00
216493	ADHT-010F 240V 10KW 1PH	NS	020	A	$2153.00
216506	ADHT-010F 240V 10KW 3PH	NS	020	A	$2153.00
216549	ADHT-010F 480V 10KW 1PH	NS	020	A	$2153.00
216557	ADHT-010F 480V 10KW 3PH	NS	020	A	$2153.00
216248	ADHT-015 240V 15KW 1PH	NS	025	A	$2095.00
216258	ADHT-015 240V 15KW 3PH	NS	025	A	$2095.00
216266	ADHT-015 480V 15KW 1PH	NS	025	A	$2095.00
210219	ADHT-015 480V 15KW 3PH	NS	025	A	$2095.00
216565	ADHT-015F 240V 15KW 1PH	NS	025	A	$2389.00
216573	ADHT-015F 240V 15KW 3PH	NS	025	A	$2389.00
216581	ADHT-015F 480V 15KW 1PH	NS	025	A	$2389.00
216590	ADHT-015F 480V 15KW 3PH	NS	025	A	$2389.00
216274	ADHT-020 240V 20KW 1PH	NS	040	A	$2514.00
216282	ADHT-020 240V 20KW 3PH	NS	040	A	$2514.00
216290	ADHT-020 480V 20KW 1PH	NS	040	A	$2514.00
210227	ADHT-020 480V 20KW 3PH	NS	040	A	$2514.00
216602	ADHT-020F 240V 20KW 1PH	NS	040	A	$2850.00
216610	ADHT-020F 240V 20KW 3PH	NS	040	A	$2850.00
216629	ADHT-020F 480V 20KW 1PH	NS	040	A	$2850.00
216637	ADHT-020F 480V 20KW 3PH	NS	040	A	$2850.00
216303	ADHT-025 240V 25KW 1PH	NS	055	A	$2853.00
216311	ADHT-025 240V 25KW 3PH	NS	055	A	$2853.00
216320	ADHT-025 480V 255KW 1PH	NS	055	A	$2853.00
210235	ADHT-025 480V 25KW 3PH	NS	055	A	$2853.00
216645	ADHT-025F 240V 25KW 1PH	NS	055	A	$3414.00
216653	ADHT-025F 240V 25KW 3PH	NS	055	A	$3414.00
216661	ADHT-025F 480V 25KW 1PH	NS	055	A	$3414.00
216670	ADHT-025F 480V 25KW 3PH	NS	055	A	$3414.00
216338	ADHT-030 240V 30KW 1PH	NS	065	A	$3387.00
216346	ADHT-030 240V 30KW 3PH	NS	065	A	$3387.00
216354	ADHT-030 480V 30KW 1PH	NS	065	A	$3387.00
210243	ADHT-030 480V 30KW 3PH	NS	065	A	$3387.00
216688	ADHT-030F 240V 30KW 1PH	NS	065	A	$4059.00
216696	ADHT-030F 240V 30KW 3PH	NS	065	A	$4059.00
216709	ADHT-030F 480V 30KW 1PH	NS	065	A	$4059.00
216717	ADHT-030F 480V 30KW 3PH	NS	065	A	$4059.00
216362	ADHT-035 240V 35KW 3PH	NS	065	A	$4029.00
216370	ADHT-035 480V 35KW 1PH	NS	065	A	$4029.00
210251	ADHT-035 480V 35KW 3PH	NS	065	A	$4029.00
216725	ADHT-035F 240V 35KW 3PH	NS	065	A	$4813.00
216733	ADHT-035F 480V 35KW 1PH	NS	065	A	$4813.00
216741	ADHT-035F 480V 35KW 3PH	NS	065	A	$4813.00
216389	ADHT-040 240V 40KW 3PH	NS	070	A	$4601.00
216397	ADHT-040 480V 40KW 1PH	NS	070	A	$4601.00
210260	ADHT-040 480V 40KW 3PH	NS	070	A	$4601.00
216750	ADHT-040F 240V 40KW 3PH	NS	070	A	$5497.00
216768	ADHT-040F 480V 40KW 1PH	NS	070	A	$5497.00
216776	ADHT-040F 480V 40KW 3PH	NS	070	A	$5497.00
216408	ADHT-045 240V 45KW 3PH	NS	080	A	$5164.00
210278	ADHT-045 480V 45KW 3PH	NS	080	A	$5164.00
216418	ADHT-045 480V 45KW 1PH	NS	080	A	$5164.00
216784	ADHT-045F 240V 45KW 3PH	NS	080	A	$6171.00
216792	ADHT-045F 480V 45KW 1PH	NS	080	A	$6171.00
216805	ADHT-045F 480V 45KW 3PH	NS	080	A	$6171.00
216426	ADHT-050 240V 50KW 3PH	NS	090	A	$5667.00
216434	ADHT-050 480V 50KW 1PH	NS	090	A	$5667.00
210286	ADHT-050 480V 50KW 3PH	NS	090	A	$5667.00
216813	ADHT-050F 240V 50KW 3PH	NS	090	A	$6791.00
216821	ADHT-050F 480V 50KW 1PH	NS	090	A	$6791.00
216830	ADHT-050F 480V 50KW 3PH	NS	090	A	$6791.00
210294	ADHT-060 480V 60KW 3PH	NS	105	A	$6309.00
216848	ADHT-060F 480V 60KW 3PH	NS	105	A	$7654.00
216442	ADHT-070 480V 70KW 3PH	NS	140	A	$6719.00
216856	ADHT-070F 480V 70KW 3PH	NS	140	A	$8288.00
210307	ADHT-080 480V 80KW 3PH	NS	140	A	$7126.00
216864	ADHT-080F 480V 80KW 3PH	NS	140	A	$8919.00
210315	ADHT-090 480V 90KW 3PH	NS	160	A	$7506.00
216872	ADHT-090F 480V 90KW 3PH	NS	160	A	$9522.00
210323	ADHT-100 480V 100KW 3PH	NS	165	A	$7887.00
216880	ADHT-100F 480V 100KW 3PH	NS	165	A	$10128.00
210331	ADHT-120 480V 120KW 3PH	NS	165	A	$9986.00
216899	ADHT-120F 480V 120KW 3PH	NS	165	A	$11331.00
210340	ADHT-160 480V 160KW 3PH	NS	200	A	$12011.00
216901	ADHT-160F 480V 160KW 3PH	NS	200	A	$13803.00
210358	ADHT-180 480V 180KW 3PH	NS	200	A	$13101.00
216910	ADHT-180F 480V 180KW 3PH	NS	200	A	$15118.00
210366	ADHT-240F480V 240KW 3PH	NS	400	A	$21306.00
210374	ADHT-300F480V 300KW 3PH	NS	500	A	$25643.00

Additional Features ADH/ADHT

1. Addition of thermocouple	$200
2. Gas tight construction (multiply by number of elements)	$35
3. Liquid tight terminal box (add to base list, fittings not included)	20%
4. All stainless steel construction (add to base list)	35%
5. Explosion resistant terminal box (Class I Grp D, not 3rd party listed, add to base list)	95%

OTF FINSTRIP ELEMENTS 226

128004	OTF-10 120V 250W	ST	002	A	$95.00
128012	OTF-10 120V 350W	ST	002	A	$95.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
128020	OTF-10 120V 600W	ST	002	A	$95.00
128039	OTF-10 240V 250W	ST	002	A	$95.00
128047	OTF-10 240V 350W	ST	002	A	$95.00
128055	OTF-10 240V 600W	ST	002	A	$95.00
128063	OTF-12 120V 500W	ST	002	A	$107.00
128071	OTF-12 120V 750W	ST	002	A	$107.00
128080	OTF-12 240V 250W	ST	002	A	$107.00
128098	OTF-12 240V 500W	ST	002	A	$107.00
128100	OTF-12 240V 750W	ST	002	A	$107.00
128119	OTF-14 120V 900W	ST	002	A	$121.00
128127	OTF-14 240V 500W	NS	002	A	$121.00
128135	OTF-14 240V 900W	ST	002	A	$121.00
128143	OTF-15 120V 325W	NS	003	A	$129.00
128151	OTF-15 120V 1000W	ST	003	A	$129.00
128160	OTF-15 240V 1000W	ST	003	A	$129.00
128178	OTF-18 120V 500W	ST	003	A	$143.00
128186	OTF-18 120V 1000W	ST	003	A	$143.00
128194	OTF-18 120V 1300W	NS	003	A	$143.00
128207	OTF-18 240V 500W	ST	003	A	$143.00
128215	OTF-18 240V 1000W	ST	003	A	$143.00
128223	OTF-18 240V 1300W	ST	003	A	$143.00
128231	OTF-19 120V 1500W	ST	003	A	$156.00
128240	OTF-19 240V 1000W	ST	003	A	$156.00
128258	OTF-19 240V 1500W	ST	003	A	$156.00
128266	OTF-21 240V 1000W	NS	003	A	$161.00
128274	OTF-21 240V 1550W	NS	003	A	$161.00
128282	OTF-24 240V 750W	ST	004	A	$180.00
128290	OTF-24 240V 1000W	NS	004	A	$180.00
128303	OTF-24 240V 1800W	ST	004	A	$180.00
128602	OTF-25 240V 1250W	NS	004	A	$189.00
128610	OTF-25 240V 2000W	ST	004	A	$189.00
128629	OTF-26 120V 700W	NS	004	A	$197.00
128637	OTF-26 240V 700W	NS	004	A	$197.00
128645	OTF-26 240V 1350W	ST	004	A	$197.00
128653	OTF-26 240V 2000W	NS	004	A	$197.00
128952	OTF-30 240V 1500W	ST	004	A	$221.00
128670	OTF-30 240V 2350W	ST	004	A	$221.00
128688	OTF-36 240V 1000W	ST	005	A	$254.00
128696	OTF-36 240V 1800W	NS	005	A	$254.00
128709	OTF-36 240V 2850W	NS	005	A	$254.00
128960	OTF-38 240V 2000W	ST	005	A	$267.00
128717	OTF-38 120V 3100W	NS	005	A	$267.00
128725	OTF-38 240V 3100W	ST	005	A	$267.00
128733	OTF-43 240V 3450W	ST	006	A	$288.00
128311	OTF-100 120V 475W	ST	002	A	$116.00
128320	OTF-100 120V 725W	ST	002	A	$116.00
128346	OTF-100 240V 475W	NS	002	A	$116.00
128338	OTF-100 240V 350W	NS	002	A	$116.00
128354	OTF-100 240V 725W	ST	002	A	$116.00
128362	OTF-120 120V 700W	NS	002	A	$124.00
128370	OTF-120 120V 900W	ST	002	A	$124.00
128389	OTF-120 240V 700W	NS	002	A	$124.00
128397	OTF-120 240V 900W	ST	002	A	$124.00
128400	OTF-140 120V 750W	ST	002	A	$142.00
128418	OTF-140 120V 1100W	ST	002	A	$142.00
128426	OTF-140 240V 750W	NS	002	A	$142.00
128433	OTF-140 240V 1100W	ST	002	A	$142.00

PCN	DESCRIPTION	SS	WT	D	PRICE
128442	OTF-150 240V 850W	ST	003	A	$150.00
128450	OTF-150 240V 1250W	ST	003	A	$150.00
128469	OTF-180 240V 750W	ST	003	A	$171.00
128477	OTF-180 240V 1000W	ST	003	A	$171.00
128485	OTF-180 240V 1550W	ST	003	A	$171.00
128493	OTF-190 208V 1000W	NS	003	A	$176.00
128506	OTF-190 240V 1000W	NS	003	A	$176.00
128514	OTF-190 240V 1250W	ST	003	A	$176.00
128522	OTF-190 240V 1700W	ST	003	A	$176.00
128549	OTF-210 240V 1250W	NS	003	A	$183.00
128530	OTF-210 240V 750W	NS	003	A	$183.00
128557	OTF-210 240V 1900W	ST	003	A	$183.00
128581	OTF-240 240V 2200W	ST	004	A	$199.00
128565	OTF-240 240V 1000W	NS	004	A	$199.00
128573	OTF-240 240V 1450W	NS	004	A	$199.00
128750	OTF-250 240V 1500W	NS	004	A	$208.00
128768	OTF-250 240V 2400W	ST	004	A	$208.00
128776	OTF-260 240V 1600W	ST	004	A	$212.00
128784	OTF-260 240V 2500W	ST	004	A	$212.00
128792	OTF-300 240V 1800W	ST	004	A	$238.00
128805	OTF-300 240V 2800W	ST	004	A	$238.00
128944	OTF-330 240V 2100W	NS	004	A	$255.00
128813	OTF-330 120V 3150W	NS	004	A	$255.00
128821	OTF-330 240V 3150W	ST	004	A	$255.00
128830	OTF-360 240V 1500W	NS	005	A	$269.00
128848	OTF-360 240V 2300W	ST	005	A	$269.00
128856	OTF-360 240V 3450W	ST	005	A	$269.00
128864	OTF-380 240V 2450W	ST	005	A	$283.00
128872	OTF-380 240V 3600W	NS	005	A	$283.00
128880	OTF-430 240V 4150W	ST	006	A	$308.00
128979	OTF-480 240V 2250W	ST	008	A	$334.00

1. New Item Engineering Charge secondary insulation, terminal covers, removing mounting tabs, etc. Check strip heater section for price.

2. Lengthwise bending specify inside radius measured to one end of fins with a minimum radius of 3 inches $34

Minimum line item value for bending $82

3. Standard threads are 10-32.

4. Monel sheaths and fins, consult factory

124011	XPMC-Mounting Bracket Kit	NS	010	C	$37.75

EP ENCLOSURE HEATERS

700138	XPMC-6101T2	NS	010	C	$673.00
700146	XPMC-6111T2	NS	010	C	$761.00
700154	XPMC-6121T2	NS	010	C	$849.00
700015	XPMC-6101T3	NS	010	C	$673.00
700023	XPMC-6111T3	NS	010	C	$761.00
700031	XPMC-6121T3	NS	010	C	$849.00
700197	XPMC-6201T2	NS	010	C	$673.00
700200	XPMC-6211T2	NS	010	C	$761.00
700218	XPMC-6221T2	NS	010	C	$849.00
700074	XPMC-6201T3	NS	010	C	$673.00
700082	XPMC-6211T3	NS	010	C	$761.00
700090	XPMC-6221T3	NS	010	C	$849.00
700162	XPMC-12101T2	NS	010	C	$750.00
700170	XPMC-12111T2	NS	010	C	$921.00
700189	XPMC-12121T2	NS	010	C	$1092.00
700040	XPMC-12101T3	NS	010	C	$750.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
700058	XPMC-12111T3	NS	010	C	$921.00
700066	XPMC-12121T3	NS	010	C	$1092.00
700226	XPMC-12201T2	NS	010	C	$750.00
700234	XPMC-12211T2	NS	010	C	$921.00
700242	XPMC-12221T2	NS	010	C	$1092.00
700103	XPMC-12201T3	NS	010	C	$750.00
700111	XPMC-12211T3	NS	010	C	$921.00
700120	XPMC-12221T3	NS	010	C	$1092.00
700250	XPMC-12425T2	NS	010	C	$1197.00
XPMC Additional Features					
120V/240V 100°F Ambient Thermostat					$20

UB UNIT HEATERS 232

261403	UB-23 M115V 120V1P 2.000KW	ST	014	A	$924.00
261411	UB-23 M208V 208V1P 2.000KW	NS	014	A	$924.00
261420	UB-23 M230V 240V1P 2.000KW	NS	014	A	$924.00
261438	UB-32 M115V 120V1P 3.000KW	ST	014	A	$967.00
261446	UB-32 M208V 208V1P 3.000KW	ST	014	A	$967.00
261454	UB-32 M230V 240V1P 3.000KW	ST	014	A	$967.00
261462	UB-502 M120V 120V1P 5.000KW	NS	043	A	$1126.00
261489	UB-502 M208V 208V1P 5.000KW	NS	043	A	$1126.00
261500	UB-502 M230V 240V1P 5.000KW	NS	043	A	$1126.00
261526	UB-502 M120V 480V1P 5.000KW	NS	043	A	$1126.00
269114	UB-502 M240V 480V1P 5.000KW	NS	043	A	$1125.00
264250	UB-502R M230V 240VIP 5.000KW	NS	043	A	$1287.00
261497	UB-502 M208V 208V3P 5.000KW	NS	043	A	$1126.00
261518	UB-502 M230V 240V3P 5.000KW	NS	043	A	$1126.00
261534	UB-502 M115V 480V3P 5.000KW	NS	043	A	$1126.00
265199	UB-502 M230V 480V3P 5.000KW	NS	043	A	$1125.00
266685	UB-502 M115V 550V3P 5.000KW	NS	043	A	$1164.00
285368	UB-502 M240V 550V3P 5.000KW	NS	043	A	$1164.00
269755	UB-502R M230V 240V3P 5.000KW	NS	043	A	$1287.00
264268	UB-502R M115V 480V3P 5.000KW	NS	043	A	$1287.00
269704	UB-502T M115V 480V3P 5.000KW	ST	055	A	$1560.00
264233	UB-502T M230V 480V3P 5.000KW	NS	055	A	$1560.00
261542	UB-752 M120V 120V1P 7.500KW	NS	043	A	$1179.00
261569	UB-752 M208V 208V1P 7.500KW	NS	043	A	$1179.00
261585	UB-752D M230V 240V1P 7.500KW	NS	043	A	$1179.00
261606	UB-752 M120V 480V1P 7.500KW	NS	043	A	$1179.00
269122	UB-752 M240V 480V1P 7.500KW	NS	043	A	$1179.00
261577	UB-752 M208V 208V3P 7.500KW	NS	043	A	$1179.00
261593	UB-752 M230V 240V3P 7.500KW	NS	043	A	$1179.00
261614	UB-752 M115V 480V3P 7.500KW	ST	043	A	$1179.00
265228	UB-752 M230V 480V3P 7.500KW	NS	043	A	$1181.00
266693	UB-752 M115V 550V3P 7.500KW	NS	043	A	$1226.00
285376	UB-752 M240V 550V3P 7.500KW	NS	043	A	$1226.00
264276	UB-752R M230V 240V3P 7.500KW	NS	043	A	$1336.00
264284	UB-752R M115V 480V3P 7.500KW	NS	043	A	$1336.00
264292	UB-752R M230V 480V3P 7.500KW	NS	043	A	$1336.00
265324	UB-752T M115V 480V3P 7.500KW	ST	055	A	$1599.00
264241	UB-752T M230V 480V3P 7.500KW	NS	055	A	$1599.00
261622	UB-1002 M208V 208V1P 10.000KW	NS	048	A	$1543.00
261649	UB-1002 M230V 240V1P 10.000KW	NS	048	A	$1543.00
261665	UB-1002 M120V 480V1P 10.000KW	NS	048	A	$1543.00
265244	UB-1002 M240V 480V1P 10.000KW	NS	048	A	$1543.00
261630	UB-1002 M208V 208V3P 10.000KW	NS	048	A	$1543.00
261657	UB-1002 M230V 240V3P 10.000KW	NS	048	A	$1543.00
261673	UB-1002 M115V 480V3P 10.000KW	NS	048	A	$1543.00
265236	UB-1002 M230V 480V3P 10.000KW	NS	048	A	$1543.00
285350	UB-1002 M230V 550V3P 10.000KW	NS	048	A	$1597.00
266706	UB-1002 M115V 550V3P 10.000KW	NS	048	A	$1597.00
277843	UB-1002TM115V 480V3P 10.000KW	NS	060	A	$1597.00
277851	UB-1002TM230V 480V3P 10.000KW	NS	060	A	$1597.00
261690	UB-1252 M240V 240V1P 12.500KW	NS	048	A	$1649.00
261710	UB-1252 M120V 480V1P 12.500KW	NS	048	A	$1649.00
265260	UB-1252 M240V 480V1P 12.500KW	NS	048	A	$1615.00
261681	UB-1252 M208V 208V3P 12.500KW	NS	048	A	$1649.00
261702	UB-1252 M230V 240V3P 12.500KW	NS	048	A	$1649.00
261729	UB-1252 M120V 480V3P 12.500KW	NS	048	A	$1649.00
265252	UB-1252 M240V 480V3P 12.500KW	NS	048	A	$1649.00
261745	UB-1502 M240V 240V1P 15.000KW	NS	052	A	$1762.00
261761	UB-1502 M120V 480V1P 15.000KW	NS	052	A	$1762.00
265279	UB-1502 M240V 480V1P 15.000KW	NS	052	A	$1730.00
261737	UB-1502 M208V 208V3P 15.000KW	NS	052	A	$1762.00
261753	UB-1502 M230V 240V3P 15.000KW	NS	052	A	$1762.00
261770	UB-1502 M115V 480V3P 15.000KW	ST	052	A	$1762.00
265295	UB-1502 M230V 480V3P 15.000KW	NS	052	A	$1762.00
264364	UB-1502 M115V 550V3P 15.000KW	NS	052	A	$1823.00
266677	UB-1502TM115V 480V3P 15.000KW	ST	064	A	$1823.00
261796	UB-2002 M240V 240V1P 20.000KW	NS	052	A	$2037.00
261817	UB-2002 M120V 480V1P 20.000KW	NS	052	A	$2037.00
265287	UB-2002 M240V 480V1P 20.000KW	NS	052	A	$2037.00
265308	UB-2002 M230V 480V3P 20.000KW	NS	052	A	$2037.00
261788	UB-2002 M208V 208V3P 20.000KW	NS	052	A	$2037.00
261809	UB-2002 M230V 240V3P 19.900KW	NS	052	A	$2037.00
261825	UB-2002 M115V 480V3P 20.000KW	ST	052	A	$2037.00
264372	UB-2002 M115V 550V3P 20.000KW	NS	052	A	$2111.00
285384	UB-2002TM115V 480V3P 20.000KW	ST	064	A	$2533.00
332689	UB-2502 M460V 480V 3P 25.000KW	NS	185	A	$4601.00
332945	UB-3002 M460V 480V 3P 30.000KW	NS	185	A	$4722.00
333180	UB-3502 M460V 480V 3P 35.000KW	NS	210	A	$5072.00
333403	UB-4002 M460V 480V 3P 40.000KW	NS	210	A	$5392.00
333606	UB-4502 M460V 480V 3P 45.000KW	NS	210	A	$5522.00
333788	UB-5002 M460V 480V 3P 50.000KW	ST	210	A	$5657.00
264305	WUB-1 WALL MTG BRKT	ST	003	A	$58.00
264313	WUB-3 WALL MTG BRKT	ST	003	A	$75.00
264321	WUB-4 WALL MTG BRKT	ST	003	A	$87.00
264330	PN 1-44419 CEIL MTG BRKT	ST	003	A	$67.00
264348	PN 2-44419 CEIL MTG BRKT	ST	003	A	$70.00
264356	PN 3-44419 CEIL MTG BRKT	NS	003	A	$90.00
UB Additional Features					
1. Internal power relay					$150
2. Step-down transformer					$375
3. New Item Engineering Charge pro-rated over line quantity					$150
Total list value amount of quanitity for no charge to apply					$500
4. Special voltage, check with factory					

HF UNIT HEATERS 233

261307	HF-203G AC 120V1P 1900W	ST	017	A	$728.00
261315	HF-203G AC 240V1P 2000W	NS	017	A	$728.00
261340	HF-303 AC 120V1P 3000W	NS	019	A	$848.00
261358	HF-303G AC 240V1P 3000W	NS	019	A	$848.00
261382	HF-403G AC 240V1P 4000W	ST	019	A	$999.00
261323	HF-203DG DC 120V1P 1900W	NS	017	A	$1351.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
261331	HF-203DG DC 240V1P 2000W	ST	017	A	$1351.00
261366	HF-303D DC 120V1P 3000W	NS	019	A	$1446.00
261374	HF-303DG DC 240V1P 3000W	ST	019	A	$1446.00
261390	HF-403D DC 240V1P 4000W	ST	019	A	$1531.00

DRAGON PORTABLE HEATERS 236

295523	DRA-07-83 208V 3P 7.5KW	NS	065	A	$1345.00
295531	DRA-07-23 240V 3P 7.5KW	NS	065	A	$1345.00
295540	DRA-10-83 208V 3P 9.75KW	NS	065	A	$1365.00
295558	DRA-10-23 240V 3P 9.75KW	ST	065	A	$1365.00
295566	DRA-15-83 208V 3P 15KW	NS	065	A	$1367.00
295574	DRA-15-23 240V 3P 15KW	ST	065	A	$1367.00
295582	DRA-15-43 480V 3P 15KW	ST	065	A	$1420.00
295596	DRA-15-93 600V 3P 15KW	NS	065	A	$1548.00
295603	DRA-20-23 240V 3P 19.5KW	NS	075	A	$1814.00
295611	DRA-20-43 480V 3P 20KW	ST	075	A	$1630.00
295620	DRA-20-93 600V 3P 20KW	NS	075	A	$1710.00
295638	DRA-30-43 480V 3P 30KW	ST	075	A	$1905.00
295646	DRA-30-93 600V 3P 30KW	NS	075	A	$1970.00

Dragon Heater Accessories

295427	PLC-2514-4 POWER CORD 25-FT	NS	007	A	$107.00
295435	PLC-2512-4 POWER CORD 25-FT	NS	009	A	$122.00
295443	PLC-2510-3 POWER CORD 25-FT	NS	009	A	$125.00
295451	PLC-2510-4 POWER CORD 25-FT	NS	011	A	$141.00
295460	PLC-2508-3 POWER CORD 25-FT	NS	012	A	$164.00
295478	PLC-2508-4 POWER CORD 25-FT	NS	015	A	$215.00
295486	PLC-2506-3 POWER CORD 25-FT	NS	016	A	$230.00
295494	PLC-2506-4 POWER CORD 25-FT	NS	017	A	$270.00
295515	PLC-2504-4 POWER CORD 25-FT	NS	025	A	$337.00
338845	PGL-15-20 250V 20 AMP PLUG	NS	001	A	$101.00
338853	PGL-15-30 250V 30 AMP PLUG	NS	001	A	$123.00
338861	PGL-16-30 480V 30 AMP PLUG	NS	001	A	$123.00
338870	PGL-17-30 600V 30 AMP PLUG	NS	001	A	$125.00
338888	PGN-6-50 250V 50 AMP PLUG	NS	001	A	$237.00
338896	PGN-15-20 250V 20 AMP PLUG	NS	001	A	$159.00
338909	PGN-15-50 250V 50 AMP PLUG	ST	001	A	$223.00

SUPERDRAGON PORTABLE HEATERS 236

295689	SDRA-30-43 30KW 480V 3PH	ST	250	A	$4996.00
295697	SDRA-30-93 30KW 600V 3PH	NS	250	A	$5149.00
295700	SDRA-48-43-48KW 480V 3PH	NS	250	A	$5625.00
295718	SDRA-48-93-48KW 600V 3PH	NS	250	A	$5777.00
295726	SDRA-60-43 60KW 480V 3PH	ST	250	A	$6709.00
295734	SDRA-60-93 60KW 600V 3PH	NS	250	A	$6846.00
295742	SDRA-30-43RG 30KW 480V 3PH	NS	300	A	$7144.00
295750	SDRA-30-93RG 30KW 600V 3PH	NS	300	A	$7278.00
295769	SDRA-48-43RG 48KW 480V 3PH	NS	300	A	$7409.00
295777	SDRA-48-93RG 48KW 600V 3PH	NS	300	A	$7541.00
295785	SDRA-60-43RG 60KW 480V 3PH	ST	300	A	$8153.00
295793	SDRA-60-93RG 60KW 600V 3PH	NS	300	A	$8203.00
295806	SDRA-CC-30-43 30KW 480V 3PH	NS	275	A	$5576.00
295814	SDRA-CC-30-93 30KW 600V 3PH	NS	275	A	$5681.00
295822	SDRA-CC-48-43 48KW 480V 3PH	NS	275	A	$5784.00
295830	SDRA-CC-48-93 48KW 600V 3PH	NS	275	A	$5886.00
295849	SDRA-CC-60-43 60KW 480V 3PH	NS	275	A	$6364.00
295857	SDRA-CC-60-93 60KW 600V 3PH	NS	275	A	$6402.00

SDRA Accessories

295865	FX-20 20" FLEX DUCT 25 FT	ST	050	A	$828.00
295873	DAR-20 20" DUCT ADAPTOR	ST	001	A	$191.00
295881	FDS-20 20" DUCT SPLICE KIT	NS	005	A	$243.00
295890	DC-20 DUCT CLAMP	ST	001	A	$28.00
295902	AD-16 ADJUSTABLE DAMPLER	ST	005	A	$135.00

CXH BLOWER HEATERS 277

026008	CXH-A-03-81-32-00-20-EP	NS	135	A	$4058.00
026016	CXH-A-03-83-32-00-20-EP	NS	135	A	$4058.00
026024	CXH-A-03-21-32-00-20-EP	NS	135	A	$4058.00
026032	CXH-A-03-23-32-00-20-EP	NS	135	A	$4058.00
026040	CXH-A-03-43-32-00-20-EP	NS	135	A	$4058.00
026067	CXH-A-03-81-30-00-20-EP	NS	135	A	$4058.00
026075	CXH-A-03-83-30-00-20-EP	NS	135	A	$4058.00
026083	CXH-A-03-21-30-00-20-EP	NS	135	A	$4058.00
026091	CXH-A-03-23-30-00-20-EP	NS	135	A	$4058.00
026104	CXH-A-03-43-30-00-20EP	NS	135	A	$4058.00
026112	CXH-A-03-63-30-00-20-EP	NS	135	A	$4058.00
026120	CXH-A-05-81-32-00-20-EP	NS	135	A	$4283.00
026139	CXH-A-05-83-32-00-20-EP	NS	135	A	$4283.00
026147	CXH-A-05-21-32-00-20-EP	NS	135	A	$4283.00
026155	CXH-A-05-23-32-00-20-EP	NS	135	A	$4283.00
026163	CXH-A-05-43-32-00-20-EP	ST	135	A	$4283.00
026171	CXH-A-05-63-32-00-20-EP	NS	135	A	$4283.00
026180	CXH-A-05-81-30-00-20-EP	NS	135	A	$4283.00
026198	CXH-A-05-83-30-00-20-EP	NS	135	A	$4283.00
026200	CXH-A-05-21-30-00-20-EP	NS	135	A	$4283.00
026219	CXH-A-05-23-30-00-20-EP	NS	135	A	$4283.00
026227	CXH-A-05-43-30-00-20-EP	NS	135	A	$4283.00
026235	CXH-A-05-63-30-00-20-EP	NS	135	A	$4283.00
026243	CXH-A-07-81-32-00-20-EP	NS	135	A	$4469.00
026251	CXH-A-07-83-32-00-20-EP	NS	135	A	$4469.00
026260	CXH-A-07-21-32-00-20-EP	NS	135	A	$4469.00
026278	CXH-A-07-23-32-00-20-EP	NS	135	A	$4469.00
026286	CXH-A-07-43-32-00-20-EP	ST	135	A	$4469.00
026294	CXH-A-07-63-32-00-20-EP	NS	135	A	$4469.00
026307	CXH-A-07-81-30-00-20-EP	NS	135	A	$4469.00
026315	CXH-A-07-83-30-00-20-EP	NS	135	A	$4469.00
026323	CXH-A-07-21-30-00-20-EP	NS	135	A	$4469.00
026331	CXH-A-07-23-30-00-20-EP	NS	135	A	$4469.00
026340	CXH-A-07-43-30-00-20-EP	NS	135	A	$4469.00
026358	CXH-A-07-63-30-00-20-EP	NS	135	A	$4469.00
026366	CXH-A-10-83-32-00-20-EP	NS	140	A	$4645.00
026374	CXH-A-10-21-32-00-20-EP	NS	140	A	$4645.00
026382	CXH-A-10-23-32-00-20-EP	NS	140	A	$4645.00
025101	CXH-A-10-43-32-00-20-EP	ST	140	A	$4645.00
026390	CXH-A-10-63-32-00-20-EP	NS	140	A	$4645.00
026403	CXH-A-10-83-30-00-20-EP	NS	140	A	$4645.00
026411	CXH-A-10-21-30-00-20-EP	NS	140	A	$4645.00
026420	CXH-A-10-23-30-00-20-EP	NS	140	A	$4645.00
026438	CXH-A-10-43-30-00-20-EP	NS	140	A	$4645.00
026446	CXH-A-10-63-30-00-20-EP	NS	140	A	$4645.00
026454	CXH-A-15-83-32-00-20-EP	NS	160	A	$4914.00
026462	CXH-A-15-23-32-00-20-EP	NS	160	A	$4914.00
026470	CXH-A-15-43-32-00-20-EP	ST	160	A	$4914.00
026489	CXH-A-15-63-32-00-20-EP	NS	160	A	$4914.00
026497	CXH-A-15-83-30-00-20-EP	NS	160	A	$4914.00
026500	CXH-A-15-23-30-00-20-EP	NS	160	A	$4914.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
026518	CXH-A-15-43-30-00-20-EP	NS	160	A	$4914.00
026526	CXH-A-15-63-30-00-20-EP	NS	160	A	$4914.00
026534	CXH-A-18-23-32-00-20-EP	NS	171	A	$5164.00
026542	CXH-A-18-23-30-00-20-EP	NS	171	A	$5164.00
025110	CXH-A-20-43-32-00-20-EP	ST	171	A	$5164.00
026550	CXH-A-20-63-32-00-20-EP	NS	171	A	$5164.00
026569	CXH-A-20-43-30-00-20-EP	NS	171	A	$5164.00
026577	CXH-A-20-63-30-00-20-EP	NS	171	A	$5164.00
028556	CXH-A-25-43-32-00-20-EP	NS	216	A	$5495.00
028564	CXH-A-30-43-32-00-20-EP	ST	216	A	$6007.00
028572	CXH-A-35-43-32-00-20-EP	NS	216	A	$6609.00
028612	CXH-A-35-43-30-00-20-EP 480V 3	NS	216	A	$6609.00
CXH HEATER W/ THERMOSTAT 270					
028580	CXH-A-10-43-32-40-20-EP	ST	140	A	$4830.00
028599	CXH-A-20-43-32-40-20-EP	ST	171	A	$5349.00
028601	CXH-A-25-43-32-40-20-EP	NS	216	A	$5680.00
028610	CXH-A-30-43-32-40-20-EP	ST	216	A	$6192.00
028628	CXH-A-35-43-32-40-20-EP	ST	216	A	$6794.00
CXH HEATER ACCESSORIES					
025152	WMB-12 WALL MTG BRKT	ST	026	A	$242.00
025160	WMB-16 WALL MTG BRKT	ST	028	A	$258.00
029065	WMB-20 WALL MTG BRKT	ST	030	A	$336.00
025179	PMB-12 POLE MTG BRKT	NS	026	A	$263.00
025187	PMB-16 POLE MTG BRKT	NS	028	A	$310.00
029073	PMB-20 POLE MTG BRKT	NS	030	A	$397.00
025195	HMK-00 CEILING MTG BRKT	ST	026	A	$250.00
CXH Additional Features					
1. 15 Amp, 3 Phase Disconnect Switch -					$1923
2. 30 Amp, 1 Phase Disconnect Switch -					$1923
3. 30 Amp, 3 Phase Disconnect Switch -					$1923
4. 60 Amp, 3 Phase Disconnect Switch -					$2076
5. Thermostat -					$185
6. Pilot Light					$188
7. Artic Duty					$177
8. High Altitude					$286
9. Fan switch					$849
10. Auto and manual reset cutout					$142
CVEP CONVECTION HEATERS 248					
086844	CVEP-1.6 208V 3P 1.6KW	NS	050	A	$1675.00
086852	CVEP-1.6 240V 1P 1.6KW	NS	050	A	$1675.00
086860	CVEP-1.6 240V 3P 1.6KW	NS	050	A	$1675.00
086879	CVEP-1.6 277V 1P 1.6KW	NS	050	A	$1675.00
086887	CVEP-1.6 480V 1P 1.6KW	NS	050	A	$1675.00
086895	CVEP-1.6 480V 3P 1.6KW	NS	050	A	$1675.00
086908	CVEP-1.6 575V 1P 1.6KW	NS	050	A	$1675.00
028759	CVEP-18C-1100 120V 1P 1800W	NS	045	A	$1879.00
028767	CVEP-18C-8100 208V 1P 1800W	NS	045	A	$1879.00
028804	CVEP-18C-7100 277V 1P 1800W	NS	045	A	$1879.00
028783	CVEP-18C-2100 240V 1P 1800W	ST	045	A	$1879.00
028812	CVEP-18C-4100 480V 1P 1800W	NS	045	A	$1879.00
086916	CVEP-3.2 208V 1P 3.2KW	NS	084	A	$2850.00
086924	CVEP-3.2 208V 3P 3.2KW	NS	084	A	$2850.00
086932	CVEP-3.2 240V 1P 3.2KW	NS	084	A	$2850.00
086940	CVEP-3.2 240V 3P 3.2KW	NS	084	A	$2850.00
086959	CVEP-3.2 277V 1P 3.2KW	NS	084	A	$2850.00
086967	CVEP-3.2 480V 1P 3.2KW	NS	084	A	$2850.00

PCN	DESCRIPTION	SS	WT	D	PRICE
086975	CVEP-3.2 480V 3P 3.2KW	NS	084	A	$2850.00
086983	CVEP-3.2 575V 1P 3.2KW	NS	084	A	$2850.00
087070	CVEP-36-C-81-00-00 208V1P3.6KW	ST	050	A	$2083.00
087089	CVEP-3.6 208V 3P 3.6KW	NS	050	A	$2083.00
087097	CVEP-3.6 240V 1P 3.6KW	ST	050	A	$2083.00
087100	CVEP-3.6 240V 3P 3.6KW	NS	050	A	$2083.00
087118	CVEP-3.6 277V 1P 3.6KW	NS	050	A	$2083.00
087126	CVEP-36-C-41-00-00 480V1P3.6KW	ST	050	A	$2083.00
087134	CVEP-3.6 480V 3P 3.6KW	NS	050	A	$2083.00
087142	CVEP-3.6 575V 1P 3.6KW	NS	050	A	$2083.00
086991	CVEP-4.0 208V 1P 4.0KW	NS	098	A	$2671.00
087003	CVEP-4.0 208V 3P 4.0KW	NS	098	A	$2671.00
087011	CVEP-4.0 240V 1P 4.0KW	NS	098	A	$2671.00
087020	CVEP-4.0 240V 3P 4.0KW	NS	098	A	$2671.00
087038	CVEP-4.0 277V 1P 4.0KW	NS	098	A	$2671.00
087046	CVEP-4.0 480V 1P 4.0KW	NS	098	A	$2671.00
087054	CVEP-4.0 480V 3P 4.0KW	NS	098	A	$2671.00
087062	CVEP-4.0 575V 1P 4.0KW	NS	098	A	$2671.00
085913	CVEP-C-76-81-00-00 7.6KW 208V	NS	098	A	$3258.00
085921	CVEP-C-76-83-00-00 7.6KW 208V	NS	098	A	$3258.00
085930	CVEP-C-76-21-00-00 7.6KW 240V	ST	098	A	$3258.00
085948	CVEP-C-76-23-00-00 7.6KW 240V	NS	098	A	$3258.00
085956	CVEP-C-76-71-00-00 7.6KW 277V	NS	098	A	$3258.00
085964	CVEP-C-76-41-00-00 7.6KW 480V	NS	098	A	$3258.00
085972	CVEP-C-76-43-00-00 7.6KW 480V	NS	098	A	$3258.00
085980	CVEP-C-76-61-00-00 7.6KW 575V	NS	098	A	$3258.00
087230	CVEP-9.0 208V 1P 9.0KW	NS	098	A	$3150.00
087249	CVEP-9.0 208V 3P 9.0KW	NS	098	A	$3150.00
087257	CVEP-9.0 240V 1P 9.0KW	NS	098	A	$3150.00
087265	CVEP-9.0 240V 3P 9.0KW	NS	098	A	$3150.00
087273	CVEP-9.0 277V 1P 9.0KW	NS	098	A	$3150.00
087281	CVEP-9.0 480V 1P 9.0KW	NS	098	A	$3150.00
087290	CVEP-9.0 480V 3P 9.0KW	NS	098	A	$3150.00
087302	CVEP-9.0 575V 1P 9.0KW	NS	098	A	$3150.00
CVEP HEATERS WITH CONTROL 248					
028839	CVEP-A-18C-110042 120V 1.8KW	ST	059	A	$2361.00
028847	CVEP-A-18C-810042 208V 1.8KW	ST	059	A	$2361.00
028855	CVEP-C-18-21-00-42 240V 1.8KW	NS	059	A	$2361.00
028863	CVEP-A-18C-710042 277V 1.8KW/T	NS	059	A	$2361.00
028871	CVEP-A-18C-410042 480V 1.8KW	NS	059	A	$3101.00
028644	CVEP-A-36-C-81 208V1P3.6KW W/T	ST	060	A	$2565.00
028660	CVEP-C-36-21-00-42 240V1P3.6KW	ST	060	A	$2565.00
028652	CVEP-A-36-C-41 480V1P3.6KW W/T	NS	070	A	$3305.00
CVEP Additional Features					
1. Contactor					$727
2. Transformer and Contactor					$735
3. Thermostat Group D					$477
4. Thermostat Groups C & D					$477
6. Thermostat Groups B,C & D with Contactor and Transformer					$790
7. Fan Switch -					$839
8. Alternate 160°C, T3C Temperature Code -					$172
H CONVECTION HEATERS 242					
261948	H-1801 120V 1.0KW	ST	028	A	$397.00
261956	H-1801 240V 1.0KW	NS	028	A	$397.00
262000	H-2405 120V 1.5KW	NS	030	A	$482.00
262019	H-2405 240V 1.5KW	ST	030	A	$482.00

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PCN	DESCRIPTION			SS	WT	D	PRICE
262027	H-2405	480V	1.5KW	NS	030	A	$482.00
262060	H-2406	120V	2.0KW	ST	032	A	$537.00
262078	H-2406	240V	2.0KW	ST	032	A	$537.00
262086	H-2406	480V	2.0KW	ST	032	A	$537.00
262131	H-2407	240V	3.0KW	ST	032	A	$684.00
262140	H-2407	480V	3.0KW	ST	032	A	$695.00

V CONVECTION HEATERS 243

262254	V-2020	240V	2.0KW	NS	034	A	$513.00
262318	V-2030	240V	3.0KW	ST	034	A	$647.00
262326	V-2030	480V	3.0KW	NS	034	A	$647.00
262369	V-2040	120V	4.5KW	NS	044	A	$850.00
262377	V-2040	240V	4.5KW	NS	044	A	$850.00
262385	V-2040	480V	4.5KW	ST	044	A	$850.00

EH,HVT CONVECTION HEATERS 245

261833	EH-1221	120V	250W	ST	007	A	$375.00
261841	EH-1221	240V	250W	NS	007	A	$375.00
261850	EH-1251	120V	500W	ST	007	A	$409.00
261868	EH-1251	240V	500W	NS	007	A	$409.00
240055	HVT-1251	120V	500W	ST	013	A	$567.00
240071	HVT-2411	120V	1000W	ST	015	A	$605.00

HCH CONVECTION HEATERS 246

WITHOUT MANUAL RESET

330376	HCH-051 WO/MR 120V1P 0.500KW	NS	041	A	$829.00
330384	HCH-051 WO/MR 208V1P 0.500KW	NS	041	A	$829.00
330392	HCH-051 WO/MR 240V1P 0.500KW	NS	041	A	$829.00
330405	HCH-051 WO/MR 277V1P 0.500KW	NS	041	A	$829.00
330413	HCH-071 WO/MR 120V1P 0.750KW	NS	041	A	$922.00
330421	HCH-071 WO/MR 208V1P 0.750KW	NS	041	A	$922.00
330430	HCH-071 WO/MR 240V1P 0.750KW	NS	041	A	$922.00
330448	HCH-071 WO/MR 277V1P 0.750KW	NS	041	A	$922.00
330456	HCH-101 WO/MR 120V1P 1.000KW	NS	041	A	$994.00
330464	HCH-101 WO/MR 208V1P 1.000KW	NS	041	A	$994.00
330501	HCH-101 WO/MR 208V3P 1.000KW	NS	041	A	$1199.00
330472	HCH-101 WO-MR 240V1P 1.000KW	NS	041	A	$994.00
330510	HCH-101 WO/MR 240V3P 1.000KW	NS	041	A	$1199.00
330480	HCH-101 WO/MR 277V1P 1.000KW	NS	041	A	$994.00
330499	HCH-101 WO/MR 480V1P 1.000KW	NS	041	A	$1210.00
330528	HCH-101 WO/MR 480V3P 1.000KW	NS	041	A	$1330.00
330536	HCH-101 WO/MR 480V3P4W 1.000KW	NS	041	A	$1330.00
330544	HCH-151 WO/MR 120V1P 1.500KW	NS	041	A	$1055.00
330552	HCH-151 WO/MR 208V1P 1.500KW	NS	041	A	$1055.00
330595	HCH-151 WO/MR 208V3P 1.500KW	NS	041	A	$1255.00
330560	HCH-151 WO/MR 240V1P 1.500KW	NS	041	A	$1055.00
330608	HCH-151 WO/MR 240V3P 1.500KW	NS	041	A	$1255.00
330579	HCH-151 WO/MR 277V1P 1.500KW	NS	041	A	$1055.00
330587	HCH-151 WO/MR 480V1P 1.500KW	NS	041	A	$1276.00
330616	HCH-151 WO/MR 480V3P 1.500KW	NS	041	A	$1387.00
330659	HCH-151 WO/MR 480V3P4W 1.500KW	NS	041	A	$1387.00
330624	HCH-151 WO/MR 550V3P 1.500KW	NS	041	A	$1394.00
330632	HCH-151 WO/MR 575V3P 1.500KW	NS	041	A	$1394.00
330640	HCH-151 WO/MR 600V3P 1.500KW	NS	041	A	$1394.00
330667	HCH-201 WO/MR 120V1P 2.000KW	NS	041	A	$1164.00
330675	HCH-201 WO/MR 208V1P 2.000KW	NS	041	A	$1164.00
330712	HCH-201 WO/MR 208V3P 2.000KW	NS	041	A	$1275.00
330683	HCH-201 WO/MR 240V1P 2.000KW	NS	041	A	$1164.00
330720	HCH-201 WO/MR 240V3P 2.000KW	NS	041	A	$1275.00
330691	HCH-201 WO/MR 277V1P 2.000KW	NS	041	A	$1164.00
330704	HCH-201 WO/MR 480V1P 2.000KW	NS	041	A	$1387.00
330739	HCH-201 WO/MR 480V3P 2.000KW	NS	041	A	$1393.00
330771	HCH-201 WO/MR 480V3P4W 2.000KW	NS	041	A	$1393.00
330747	HCH-201 WO/MR 550V3P 2.000KW	NS	041	A	$1427.00
330755	HCH-201 WO/MR 575V3P 2.000KW	NS	041	A	$1427.00
330763	HCH-201 WO/MR 600V3P 2.000KW	NS	041	A	$1427.00
330780	HCH-251 WO/MR 120V1P 2.500KW	NS	057	A	$1173.00
330798	HCH-251 WO/MR 208V1P 2.500KW	NS	057	A	$1173.00
330800	HCH-251 WO/MR 240V1P 2.500KW	NS	057	A	$1173.00
330819	HCH-251 WO/MR 277V1P 2.500KW	NS	057	A	$1173.00
330827	HCH-251 WO/MR 480V1P 2.500KW	NS	057	A	$1387.00
330835	HCH-251 WO/MR 208V3P 2.500KW	NS	057	A	$1287.00
330843	HCH-251 WO/MR 240V3P 2.500KW	NS	057	A	$1287.00
330851	HCH-251 WO/MR 480V3P 2.500KW	NS	057	A	$1421.00
330894	HCH-251 WO/MR 480V3P4W 2.500KW	NS	057	A	$1421.00
330860	HCH-251 WO/MR 550V3P 2.500KW	NS	057	A	$1435.00
330878	HCH-251 WO/MR 575V3P 2.500KW	NS	057	A	$1435.00
330886	HCH-251 WO/MR 600V3P 2.500KW	NS	057	A	$1435.00
330907	HCH-301 WO/MR 208V1P 3.000KW	NS	057	A	$1206.00
330940	HCH-301 WO/MR 208V3P 3.000KW	NS	057	A	$1307.00
330915	HCH-301 WO/MR 240V1P 3.000KW	NS	057	A	$1206.00
330958	HCH-301 WO/MR 240V3P 3.000KW	NS	057	A	$1307.00
330923	HCH-301 WO/MR 277V1P 3.000KW	NS	057	A	$1206.00
330931	HCH-301 WO/MR 480V1P 3.000KW	NS	057	A	$1435.00
330966	HCH-301 WO/MR 480V3P 3.000KW	NS	057	A	$1446.00
330974	HCH-301 WO/MR 550V3P 3.000KW	NS	057	A	$1454.00
330982	HCH-301 WO/MR 575V3P 3.000KW	NS	057	A	$1454.00
330990	HCH-301 WO/MR 600V3P 3.000KW	NS	057	A	$1454.00
331002	HCH-301 WO/MR 480V3P4W 3.000KW	NS	057	A	$1446.00
331010	HCH-351 WO/MR 208V1P 3.500KW	NS	057	A	$1253.00
331029	HCH-351 WO/MR 240V1P 3.500KW	NS	057	A	$1253.00
331037	HCH-351 WO/MR 277V1P 3.500KW	NS	057	A	$1253.00
331045	HCH-351 WO/MR 480V1P 3.500KW	NS	057	A	$1475.00
331053	HCH-351 WO/MR 208V3P 3.500KW	NS	057	A	$1356.00
331061	HCH-351 WO/MR 240V3P 3.500KW	NS	057	A	$1356.00
331070	HCH-351 WO/MR 480V3P 3.500KW	NS	057	A	$1486.00
331088	HCH-351 WO/MR 550V3P 3.500KW	NS	057	A	$1503.00
331096	HCH-351 WO/MR 575V3P 3.500KW	NS	057	A	$1503.00
331109	HCH-351 WO/MR 600V3P 3.500KW	NS	057	A	$1503.00
331117	HCH-351 WO/MR 480V3P4W 3.500KW	NS	057	A	$1486.00
331125	HCH-401 WO/MR 208V1P 4.000KW	NS	070	A	$1307.00
331168	HCH-401 WO/MR 208V3P 4.000KW	NS	070	A	$1421.00
331133	HCH-401 WO/MR 240V1P 4.000KW	NS	070	A	$1307.00
331176	HCH-401 WO/MR 240V3P 4.000KW	NS	070	A	$1421.00
331141	HCH-401 WO/MR 277V1P 4.000KW	NS	070	A	$1307.00
331150	HCH-401 WO/MR 480V1P 4.000KW	NS	070	A	$1527.00
331184	HCH-401 WO/MR 480V3P 4.000KW	NS	070	A	$1543.00
331192	HCH-401 WO/MR 550V3P 4.000KW	NS	070	A	$1555.00
331205	HCH-401 WO/MR 575V3P 4.000KW	NS	070	A	$1555.00
331213	HCH-401 WO/MR 600V3P 4.000KW	NS	070	A	$1555.00
331221	HCH-401 WO/MR 480V3P4W 4.000KW	NS	070	A	$1542.00
331230	HCH-451 WO/MR 208V1P 4.500KW	NS	070	A	$1351.00
331248	HCH-451 WO/MR 240V1P 4.500KW	NS	070	A	$1351.00
331256	HCH-451 WO/MR 277V1P 4.500KW	NS	070	A	$1351.00
331264	HCH-451 WO/MR 480V1P 4.500KW	NS	070	A	$1570.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
331272	HCH-451 WO/MR 208V3P 4.500KW	NS	070	A	$1451.00
331280	HCH-451 WO/MR 240V3P 4.500KW	NS	070	A	$1451.00
331299	HCH-451 WO/MR 480V3P 4.500KW	NS	070	A	$1575.00
331336	HCH-451 WO/MR 480V3P4W 4.500KW	NS	070	A	$1575.00
331301	HCH-451 WO/MR 550V3P 4.500KW	NS	070	A	$1597.00
331310	HCH-451 WO/MR 575V3P 4.500KW	NS	070	A	$1597.00
331328	HCH-451 WO/MR 600V3P 4.500KW	NS	070	A	$1597.00
331344	HCH-501 WO/MR 208V1P 5.000KW	NS	070	A	$1393.00
331387	HCH-501 WO/MR 208V3P 5.000KW	NS	070	A	$1503.00
331352	HCH-501 WO/MR 240V1P 5.000KW	NS	070	A	$1393.00
331395	HCH-501 WO/MR 240V3P 5.000KW	NS	070	A	$1503.00
331360	HCH-501 WO/MR 277V1P 5.000KW	NS	070	A	$1393.00
331379	HCH-501 WO/MR 480V1P 5.000KW	NS	070	A	$1624.00
331408	HCH-501 WO/MR 480V3P 5.000KW	NS	070	A	$1631.00
331440	HCH-501 WO/MR 480V3P4W 5.000KW	NS	070	A	$1631.00
331416	HCH-501 WO/MR 550V3P 5.000KW	NS	070	A	$1653.00
331424	HCH-501 WO/MR 575V3P 5.000KW	NS	070	A	$1653.00
331432	HCH-501 WO/MR 600V3P 5.000KW	NS	070	A	$1653.00
WITH MANUAL RESET					
331459	HCH-051M W/MR 120V1P 0.500KW	NS	041	A	$895.00
331467	HCH-051M W/MR 208V1P 0.500KW	NS	041	A	$895.00
331475	HCH-051M W/MR 240V1P 0.500KW	NS	041	A	$895.00
331483	HCH-051M W/MR 277V1P 0.500KW	NS	041	A	$895.00
331491	HCH-071M W/MR 120V1P 0.750KW	NS	041	A	$983.00
331504	HCH-071M W/MR 208V1P 0.750KW	NS	041	A	$983.00
331512	HCH-071M W/MR 240V1P 0.750KW	NS	041	A	$983.00
331520	HCH-071M W/MR 277V1P 0.750KW	NS	041	A	$983.00
331539	HCH-101M W/MR 120V1P 1.000KW	NS	041	A	$1056.00
331547	HCH-101M W/MR 208V1P 1.000KW	NS	041	A	$1056.00
331580	HCH-101M W/MR 208V3P 1.000KW	NS	041	A	$1260.00
331555	HCH-101M W/MR 240V1P 1.000KW	NS	041	A	$1056.00
331598	HCH-101M W/MR 240V3P 1.000KW	NS	041	A	$1260.00
331563	HCH-101M W/MR 277V1P 1.000KW	NS	041	A	$1056.00
331571	HCH-101M W/MR 480V1P 1.000KW	NS	041	A	$1284.00
331600	HCH-101M W/MR 480V3P 1.000KW	NS	041	A	$1387.00
331619	HCH-101M W/MR 480V3P4W 1.000KW	NS	041	A	$1387.00
331627	HCH-151M W/MR 120V1P 1.500KW	NS	041	A	$1121.00
331635	HCH-151M W/MR 208V1P 1.500KW	NS	041	A	$1121.00
331678	HCH-151M W/MR 208V3P 1.500KW	NS	041	A	$1330.00
331643	HCH-151M W/MR 240V1P 1.500KW	NS	041	A	$1121.00
331686	HCH-151M W/MR 240V3P 1.500KW	NS	041	A	$1330.00
331651	HCH-151M W/MR 277V1P 1.500KW	NS	041	A	$1121.00
331661	HCH-151M W/MR 480V1P 1.500KW	NS	041	A	$1348.00
331694	HCH-151M W/MR 480V3P 1.500KW	NS	041	A	$1451.00
331731	HCH-151M W/MR 480V3P4W 1.500KW	NS	041	A	$1419.00
331707	HCH-151M W/MR 550V3P 1.500KW	NS	041	A	$1476.00
331715	HCH-151M W/MR 575V3P 1.500KW	NS	041	A	$1476.00
331723	HCH-151M W/MR 600V3P 1.500KW	NS	041	A	$1476.00
331740	HCH-201M W/MR 120V1P 2.000KW	NS	041	A	$1242.00
331758	HCH-201M W/MR 208V1P 2.000KW	NS	041	A	$1242.00
331790	HCH-201M W/MR 208V3P 2.000KW	NS	041	A	$1334.00
331766	HCH-201M W/MR 240V1P 2.000KW	NS	041	A	$1242.00
331803	HCH-201M W/MR 240V3P 2.000KW	NS	041	A	$1334.00
331774	HCH-201M W/MR 277V1P 2.000KW	NS	041	A	$1242.00
331782	HCH-201M W/MR 480V1P 2.000KW	NS	041	A	$1451.00
331811	HCH-201M W/MR 480V3P 2.000KW	NS	041	A	$1475.00
331854	HCH-201M W/MR 480V3P4W 2.000KW	NS	041	A	$1475.00

PCN	DESCRIPTION	SS	WT	D	PRICE
331820	HCH-201M W/MR 550V3P 2.000KW	NS	041	A	$1486.00
331838	HCH-201M W/MR 575V3P 2.000KW	NS	041	A	$1486.00
331846	HCH-201M W/MR 600V3P 2.000KW	NS	041	A	$1486.00
331862	HCH-251M W/MR 120V1P 2.500KW	NS	041	A	$1260.00
331870	HCH-251M W/MR 208V1P 2.500KW	NS	041	A	$1260.00
331918	HCH-251M W/MR 208V3P 2.500KW	NS	057	A	$1367.00
331889	HCH-251M W/MR 240V1P 2.500KW	NS	041	A	$1260.00
331926	HCH-251M W/MR 240V3P 2.500KW	NS	057	A	$1367.00
331897	HCH-251M W/MR 277V1P 2.500KW	NS	057	A	$1260.00
331900	HCH-251M W/MR 480V1P 2.500KW	NS	057	A	$1484.00
331934	HCH-251M W/MR 480V3P 2.500KW	NS	057	A	$1498.00
331977	HCH-251M W/MR 480V3P4W 2.500KW	NS	057	A	$1498.00
331942	HCH-251M W/MR 550V3P 2.500KW	NS	057	A	$1508.00
331950	HCH-251M W/MR 575V3P 2.500KW	NS	057	A	$1508.00
331969	HCH-251M W/MR 600V3P 2.500KW	NS	057	A	$1508.00
331985	HCH-301M W/MR 208V1P 3.000KW	NS	057	A	$1295.00
332021	HCH-301M W/MR 208V3P 3.000KW	NS	057	A	$1389.00
331993	HCH-301M W/MR 240V1P 3.000KW	NS	057	A	$1295.00
332030	HCH-301M W/MR 240V3P 3.000KW	NS	057	A	$1389.00
332005	HCH-301M W/MR 277V1P 3.000KW	NS	057	A	$1295.00
332013	HCH-301M W/MR 480V1P 3.000KW	NS	057	A	$1508.00
332048	HCH-301M W/MR 480V3P 3.000KW	NS	057	A	$1527.00
332080	HCH-301M W/MR 480V3P4W 3.000KW	NS	057	A	$1527.00
332056	HCH-301M W/MR 550V3P 3.000KW	NS	057	A	$1547.00
332064	HCH-301M W/MR 575V3P 3.000KW	NS	057	A	$1547.00
332072	HCH-301M W/MR 600V3P 3.000KW	NS	057	A	$1547.00
332099	HCH-351M W/MR 208V1P 3.500KW	NS	057	A	$1332.00
332136	HCH-351M W/MR 208V3P 3.500KW	NS	057	A	$1438.00
332101	HCH-351M W/MR 240V1P 3.500KW	NS	057	A	$1332.00
332144	HCH-351M W/MR 240V3P 3.500KW	NS	057	A	$1438.00
332110	HCH-351M W/MR 277V1P 3.500KW	NS	057	A	$1332.00
332128	HCH-351M W/MR 480V1P 3.500KW	NS	057	A	$1553.00
332152	HCH-351M W/MR 480V3P 3.500KW	NS	057	A	$1461.00
332195	HCH-351M W/MR 480V3P4W 3.500KW	NS	057	A	$1507.00
332160	HCH-351M W/MR 550V3P 3.500KW	NS	057	A	$1583.00
332179	HCH-351M W/MR 575V3P 3.500KW	NS	057	A	$1583.00
332187	HCH-351M W/MR 600V3P 3.500KW	NS	057	A	$1583.00
332208	HCH-401M W/MR 208V1P 4.000KW	NS	070	A	$1415.00
332240	HCH-401M W/MR 208V3P 4.000KW	NS	070	A	$1508.00
332216	HCH-401M W/MR 240V1P 4.000KW	NS	070	A	$1415.00
332259	HCH-401M W/MR 240V3P 4.000KW	NS	070	A	$1508.00
332224	HCH-401M W/MR 277V1P 4.000KW	NS	070	A	$1415.00
332232	HCH-401M W/MR 480V1P 4.000KW	NS	070	A	$1630.00
332267	HCH-401M W/MR 480V3P 4.000KW	NS	070	A	$1635.00
332304	HCH-401M W/MR 480V3P4W 4.000KW	NS	070	A	$1635.00
332275	HCH-401M W/MR 550V3P 4.000KW	NS	070	A	$1655.00
332283	HCH-401M W/MR 575V3P 4.000KW	NS	070	A	$1655.00
332291	HCH-401M W/MR 600V3P 4.000KW	NS	070	A	$1655.00
332312	HCH-451M W/MR 208V1P 4.500KW	NS	070	A	$1448.00
332355	HCH-451M W/MR 208V3P 4.500KW	NS	070	A	$1551.00
332320	HCH-451M W/MR 240V1P 4.500KW	NS	070	A	$1448.00
332363	HCH-451M W/MR 240V3P 4.500KW	NS	070	A	$1551.00
332339	HCH-451M W/MR 277V1P 4.500KW	NS	070	A	$1448.00
332347	HCH-451M W/MR 480V1P 4.500KW	NS	070	A	$1667.00
332371	HCH-451M W/MR 480V3P 4.500KW	NS	070	A	$1675.00
332419	HCH-451M W/MR 480V3P4W 4.500KW	NS	070	A	$1675.00
332380	HCH-451M W/MR 550V3P 4.500KW	NS	070	A	$1700.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
332398	HCH-451M W/MR 575V3P 4.500KW	NS	070	A	$1700.00
332400	HCH-451M W/MR 600V3P 4.500KW	NS	070	A	$1700.00
332427	HCH-501M W/MR 208V1P 5.000KW	NS	070	A	$1503.00
332460	HCH-501M W/MR 208V3P 5.000KW	NS	070	A	$1608.00
332435	HCH-501M W/MR 240V1P 5.000KW	NS	070	A	$1503.00
332478	HCH-501M W/MR 240V3P 5.000KW	NS	070	A	$1475.00
332443	HCH-501M W/MR 277V1P 5.000KW	NS	070	A	$1503.00
332451	HCH-501M W/MR 480V1P 5.000KW	NS	070	A	$1728.00
332486	HCH-501M W/MR 480V3P 5.000KW	NS	070	A	$1737.00
332523	HCH-501M W/MR 480V3P4W 5.000KW	NS	070	A	$1737.00
332494	HCH-501M W/MR 550V3P 5.000KW	NS	070	A	$1751.00
332507	HCH-501M W/MR 575V3P 5.000KW	NS	070	A	$1684.00
332515	HCH-501M W/MR 600V3P 5.000KW	NS	070	A	$1751.00

STAR-14/06 RADIANT HEATERS 255

341163	STAR-06A-83-P 208V 6kW	NS	026	A	$769.00
341171	STAR-06A-23-P 240V 6kW	ST	026	A	$769.00
341180	STAR-06A-71-P 277V 6kW	NS	026	A	$769.00
341198	STAR-06A-43-P 480V 6kW	ST	026	A	$769.00
341200	STAR-06A-63-P 600V 6kW	NS	026	A	$769.00
341219	STAR-14A-83-P 208V 13.5kW	ST	044	A	$1180.00
341227	STAR-14A-23-P 240V 13.5kW	NS	044	A	$1180.00
341235	STAR-14A-71-P 277V 13.5kW	NS	044	A	$1180.00
341243	STAR-14A-43-P 480V 13.5kW	ST	044	A	$1180.00
341251	STAR-14A-63-P 600V 13.5kW	NS	044	A	$1180.00
341219	STAR-14A-83-P 208V 3P 13.5KW	ST	059	A	$1180.00
341227	STAR-14A-23-P 240V 3P 13.5KW	NS	059	A	$1180.00
341235	STAR-14A-71-P 277V 1P 13.5KW	NS	059	A	$1180.00
341243	STAR-14A-43-P 480V 3P 13.5KW	ST	059	A	$1180.00
340232	STAR-14A-83-F 208V 3P 13.5KW	NS	045	A	$974.00
340240	STAR-14A-23-F 240V 3P 13.5KW	ST	045	A	$974.00
340259	STAR-14A-71-F 277V 1P 13.5KW	NS	045	A	$974.00
340267	STAR-14A-43-F 480V 3P 13.5KW	ST	045	A	$974.00
340275	STAR-14A-63-F 600V 3P 13.5KW	NS	045	A	$974.00
341163	STAR-06A-83-P 208V 3P 6KW	NS	040	A	$769.00
341171	STAR-06A-23-P 240V 3P 6KW	ST	040	A	$769.00
341180	STAR-06A-71-P 277V 1P 6KW	NS	040	A	$769.00
341198	STAR-06A-43-P 480V 3P 6KW	ST	040	A	$769.00
340339	STAR-06A-83-F 208V 3P 6KW	NS	028	A	$692.00
340347	STAR-06A-23-F 240V 3P 6KW	ST	028	A	$692.00
340355	STAR-06A-71-F 277V 1P 6KW	NS	028	A	$692.00
340363	STAR-06A-43-F 480V 3P 6KW	ST	028	A	$692.00
340371	STAR-06A-63-F 600V 3P 6KW	NS	028	A	$692.00

STAR-05/02 RADIANT HEATERS 260

340380	STAR-05A-81-P 208V 1P 4.5KW	NS	025	A	$544.00
340398	STAR-05A-21-P 240V 1P 4.5KW	NS	025	A	$544.00
340400	STAR-05A-71-P 277V 1P 4.5KW	NS	025	A	$544.00
340419	STAR-05A-41-P 480V 1P 4.5KW	NS	025	A	$544.00
340427	STAR-05A-61-P 600V 1P 4.5KW	NS	025	A	$544.00
340486	STAR-02A-11-PC 120V 1P 1.5KW	ST	015	A	$428.00
340494	STAR-02A-81-P 208V 1P 2KW	NS	015	A	$384.00
340507	STAR-02A-21-P 240V 1P 2KW	NS	015	A	$384.00
340515	STAR-02A-71-P 277V 1P 2KW	NS	015	A	$384.00
340523	STAR-02A-41-P 480V 1P 2KW	NS	015	A	$384.00
340531	STAR-02A-61-P 600V 1P 2KW	NS	015	A	$384.00

STAR-05/02 CEIL MOUNT RADIANT 261

340435	STAR-05A-81-F 208V 1P 4.5KW	NS	023	A	$492.00
340443	STAR-05A-21-F 240V 1P 4.5KW	NS	023	A	$492.00
340451	STAR-05A-71-F 277V 1P 4.5KW	NS	023	A	$496.00
340460	STAR-05A-41-F 480V 1P 4.5KW	ST	023	A	$496.00
340478	STAR-05A-61-F 600V 1P 4.5KW	NS	023	A	$496.00
340540	STAR-02-11-F 120V 1P 2KW	NS	014	A	$398.00
340558	STAR-02A-81-F 208V 1P 2KW	ST	014	A	$398.00
340566	STAR-02A-21-F 240V 1P 2KW	ST	014	A	$398.00
340574	STAR-02A-71-F 277V 1P 2KW	NS	014	A	$398.00
340582	STAR-02A-41-F 480V 1P 2KW	ST	014	A	$398.00
340590	STAR-02A-61-F 600V 1P 2KW	NS	014	A	$398.00
STAR Radiant Accessories					
340849	START-14A CART CART KIT	ST	008	A	$492.00
340830	STAR-06A CART CART KIT	NS	008	A	$218.00
340638	GR-6KW GRILL KIT	NS	005	A	$67.50
340857	GR-14KW GRILL KIT	NS	005	A	$158.00
340654	STAR-HK HANGING KIT	ST	002	A	$28.75
340662	D5-50600 DISCONNECT KIT	NS	003	A	$400.00
340726	STAR-TG-8 208V T/0 GND FLT	NS	016	A	$973.00
340734	STAR-TG-2 240V T/0 GND FLT	NS	016	A	$973.00
340742	STAR-TG-7 277V T/O GND FLT	NS	016	A	$973.00
340750	STAR-TG-4 480V T/O GND FLT	NS	016	A	$973.00
340769	STAR-TG-6 600V T/O GND FLT	NS	016	A	$973.00
340777	STAR-GF-8 208V WALL GD FLT	NS	016	A	$867.00
340785	STAR-GF-2 240V WALL GD FLT	NS	016	A	$867.00
340793	STAR-GF-7 277V WALL GD FLT	NS	016	A	$867.00
340806	STAR-GF-4 480V WALL GD FLT	NS	016	A	$867.00
340814	STAR-GF-6 600V WALL GD FLT	NS	016	A	$867.00
STAR REPLACEMENT ELEMENTS 256					
106059	UTU-STAR 21 120V 1.8KW	NS	002	A	$112.00
106091	UTU-STAR 24 480 V 2 KW	NS	003	A	$112.00
106067	UTU-STAR 28 208V 2KW	NS	003	A	$112.00
106075	UTU-STAR 22 240V 2KW	NS	003	A	$112.00
106083	UTU-STAR 27 277V 2KW	NS	003	A	$112.00
106104	UTU-STAR 26	NS	003	A	$112.00
106403	UTU-STAR 48 208V 4.5KW	NS	004	A	$167.00
106411	UTU-STAR 42 208V 4.5KW	NS	004	A	$167.00
106796	UTU-STAR 47 277V 4.5 KW	NS	004	A	$167.00
106964	UTU-STAR 44	NS	004	A	$167.00
106972	UTU-STAR 46 600V 4.5 KW	NS	004	A	$167.00
AITKEN REPLACEMENT ELEMENTS					
106016	UTUA-224LT 240 V 2 KW	ST	002	A	$110.00
106024	UTUA-248LT 480 V 2 KW	ST	002	A	$110.00
106032	UTUA-424LT 240 V 4.5 KW	ST	003	A	$165.00
106040	UTUA-448LT 480 V 4.5 KW	ST	003	A	$165.00

HD3D CORROSION RESIST 273

520014	HD3D-200 120V 1PH 2.0KW	NS	045	A	$1720.00
520022	HD3D-200 208V 1PH 2.0KW	NS	045	A	$1720.00
520030	HD3D-200 240V 1PH 2.0KW	NS	045	A	$1720.00
520049	HD3D-200 277V 1PH 2.0KW	NS	045	A	$1720.00
520057	HD3D-300 120V 1PH 3.0KW	NS	045	A	$1720.00
520065	HD3D-300 208V 1PH 3.0KW	NS	045	A	$1720.00
520073	HD3D-300 240V 1PH 3.0KW	NS	045	A	$1720.00
520081	HD3D-300 277V 1PH 3.0KW	NS	045	A	$1720.00
520090	HD3D-500 208V 1PH 5.0KW	NS	050	A	$1758.00
520102	HD3D-500 240V 1PH 5.0KW	NS	050	A	$1758.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
520110	HD3D-500 277V 1PH 5.0KW	NS	050	A	$1758.00
520129	HD3D-500 480V 1PH 5.0KW	NS	050	A	$1758.00
520137	HD3D-500 208V 3PH 5.0KW	NS	050	A	$1758.00
520145	HD3D-500 240V 3PH 5.0KW	NS	050	A	$1758.00
520153	HD3D-500 480V 3PH 5.0KW	ST	050	A	$1758.00
520161	HD3D-500TSP 480V 3PH 5.0KW	ST	050	A	$2170.00
520170	HD3D-500 575V 3PH 5.0KW	NS	050	A	$1758.00
520188	HD3D-750 208V 1PH 7.5KW	NS	050	A	$1869.00
520196	HD3D-750 240V 1PH 7.5KW	NS	050	A	$1869.00
520209	HD3D-750 277V 1PH 7.5KW	NS	050	A	$1869.00
520217	HD3D-750 480V 1PH 7.5KW	NS	050	A	$1869.00
520225	HD3D-750 208V 3PH 7.5KW	NS	050	A	$1869.00
520233	HD3D-750 240V 3PH 7.5KW	NS	050	A	$1869.00
520241	HD3D-750 480V 3PH 7.5KW	ST	050	A	$1869.00
520250	HD3D-750TSP 480V 3PH 7.5KW	ST	050	A	$2281.00
520268	HD3D-750 575V 3PH 7.5KW	NS	050	A	$1869.00
520276	HD3D-1000 240V 1PH 10.0KW	NS	060	A	$2038.00
520284	HD3D-1000 277V 1PH 10.0KW	NS	060	A	$2038.00
520292	HD3D-1000 480V 1PH 10.0KW	NS	060	A	$2038.00
520305	HD3D-1000 208V 3PH 10.0KW	NS	060	A	$2038.00
520313	HD3D-1000 240V 3PH 10.0KW	NS	060	A	$2038.00
520321	HD3D-1000 480V 3PH 10.0KW	ST	060	A	$2038.00
520330	HD3D-1000TSP 480V 3PH 10.0KW	ST	060	A	$2450.00
520348	HD3D-1000 575V 3PH 10.0KW	NS	060	A	$2038.00
520356	HD3D-1250 277V 1PH 12.5KW	NS	060	A	$2241.00
520364	HD3D-1250 480V 1PH 12.5KW	NS	060	A	$2241.00
520372	HD3D-1250 208V 3PH 12.5KW	NS	060	A	$2241.00
520380	HD3D-1250 240V 3PH 12.5KW	NS	060	A	$2241.00
520399	HD3D-1250 480V 3PH 12.5KW	NS	060	A	$2241.00
520401	HD3D-1250 575V 3PH 12.5KW	NS	060	A	$2241.00
520410	HD3D-1500 480V 1PH 15.0KW	NS	060	A	$2512.00
520428	HD3D-1500 208V 3PH 15.0KW	NS	060	A	$2512.00
520436	HD3D-1500 240V 3PH 15.0KW	NS	060	A	$2512.00
520444	HD3D-1500 480V 3PH 15.0KW	ST	060	A	$2512.00
520452	HD3D-1500TSP 480V 3PH 15.0KW	ST	060	A	$2924.00
520460	HD3D-1500 575V 3PH 15.0KW	NS	060	A	$2512.00
520479	HD3D-2000 240V 3PH 19.5KW	NS	060	A	$2582.00
520487	HD3D-2000 480V 1PH 20.0KW	NS	060	A	$2582.00
520495	HD3D-2000 480V 3PH 20.0KW	ST	060	A	$2582.00
520508	HD3D-2000TSP 480V 3PH 20KW	ST	060	A	$2994.00
520516	HD3D-2000 575V 3PH 20.0KW	NS	060	A	$2582.00
520524	HD3D-2500 480V 3PH 25.0KW	ST	080	A	$3429.00
520532	HD3D-2500 575V 3PH 25.0KW	NS	080	A	$3429.00
520540	HD3D-3000 480V 3PH 30.0KW	ST	080	A	$3654.00
520559	HD3D-3000 575V 3PH 30.0KW	NS	080	A	$3654.00
520567	HD3D-3500 480V 3PH 35.0KW	NS	080	A	$3808.00
520575	HD3D-3500 575V 3PH 35.0KW	NS	080	A	$3808.00
520583	HD3D-4000 480V 3PH 39KW	ST	080	A	$3895.00
520591	HD3D-4000 575V 3PH 39KW	NS	080	A	$3977.00
HD3D ACCESSORIES					
520604	USB-1: UNIVERSAL BRACKET 2 - 7.5KW	ST	010	A	$196.00
520612	USB-2:UNIVERSAL BRACKET 10 - 20KW	ST	010	A	$200.00
520620	USB-3:UNIVERSAL BRACKET 25 - 40KW	ST	010	A	$203.00
520639	HD3DS-1:DRIP SHIELD 2 - 7.5KW	ST	005	A	$49.00
520647	HD3DS-2:DRIP SHIELD 10 - 20KW	ST	005	A	$54.00
520655	HD3DS-3:DRIP SHIELD 25 - 405KW	ST	005	A	$100.00
520663	DS-50HD:50 AMP DISCONNECT SWITCH	ST	015	A	$459.00

PCN	DESCRIPTION	SS	WT	D	PRICE
Factory Installed Features (Add to Base List Price)					
1. Thermostat -					$122
2. On Pilot Light -					$121
3. Selector Switch -					$165
4. Disconnect -					$464
5. Manual Reset Cutout -					$175
6. Epoxy Paint Case -					$436
7. 24 Volt Control -					$84
8. Heater On Pilot Light					$126
9. Monel Elements (Add to list base price)					20%
HVH HOR/VERT UNIT HTRS 231					
219109	HVH-02-21-00 208/240V 1PH 2/2.6KW	ST	032	A	$435.00
219117	HVH-02-71-00 277V 1PH 2.6KW	ST	032	A	$435.00
219096	HVH-02-81-00 208V 1PH 2.6KW	ST	032	A	$435.00
219141	HVH-04-21-00 208/240V 1PH 3/4KW	ST	032	A	$510.00
219150	HVH-04-23-34 208/240V 3PH 3/4KW	ST	032	A	$583.00
219176	HVH-04-43-30 480V 3PH 4.0KW	ST	032	A	$583.00
219168	HVH-04-71-00 277V 1PH 4.0KW	ST	032	A	$510.00
219125	HVH-04-81-00 208V 1PH 4.0KW	ST	032	A	$510.00
219133	HVH-04-83-34 208V 3PH 4.0KW	ST	032	A	$583.00
219205	HVH-05-21-00 208/240V 1PH 3.7/5KW	ST	032	A	$547.00
219213	HVH-05-23-34 208/240V 3PH 3.7/5KW	ST	032	A	$620.00
219230	HVH-05-43-30 480V 3PH 5.0KW	ST	032	A	$620.00
219221	HVH-05-71-00 277V 1PH 5.OKW	ST	032	A	$547.00
219184	HVH-05-81-00 208V 1PH 5.0KW	ST	032	A	$547.00
219192	HVH-05-83-34 208V 3PH 5.0KW	ST	032	A	$620.00
219264	HVH-07-21-34 208/240V 1PH 5.6/7KW	ST	050	A	$750.00
219272	HVH-07-23-34 208/240V 3PH 5.6/7KW	ST	050	A	$750.00
219299	HVH-07-43-30 480V 3PH 7.5KW	ST	050	A	$750.00
219280	HVH-07-71-30 277V 1PH 7.5KW	NS	050	A	$750.00
219248	HVH-07-81-34 208V 1PH 7.5KW	ST	050	A	$750.00
219256	HVH-07-83-34 208V 3PH 7.5KW	ST	050	A	$750.00
219328	HVH-10-21-34 208/240V 1PH 7.5/10KW	ST	050	A	$880.00
219336	HVH-10-23-34 208/240V 3PH 7.5/10KW	ST	050	A	$880.00
219344	HVH-10-43-30 480V 3PH 10KW	ST	050	A	$880.00
219301	HVH-10-81-34 208V 1PH 9.7KW	NS	050	A	$880.00
219310	HVH-10-83-34 208V 3PH 9.7KW	ST	050	A	$880.00
219360	HVH-12-23-34 208/240V 3PH 9.4/12.5KW	ST	050	A	$1010.00
219379	HVH-12-43-30 480V 3PH 12.5KW	ST	050	A	$1010.00
219352	HVH-12-83-34 208V 3PH 12.5KW	NS	050	A	$1010.00
219395	HVH-15-23-34 208/240V 3PH 11.24/15KW	ST	050	A	$1140.00
219408	HVH-15-43-30 480V 3PH 15KW	ST	050	A	$1140.00
219387	HVH-15-83-34 208V 3PH 15KW	NS	050	A	$1140.00
219563	HVH-20-23-30 208/240V 3PH 14.7/19.8KW	NS	050	A	$1322.00
219571	HVH-20-43-30 480V 3PH 19.8KW	ST	050	A	$1322.00
219580	HVH-20-63-30 600V 3PH 20.1KW	NS	050	A	$1542.00
219598	HVH-25-23-30 208/240V 3PH 18.7/24.9KW	NS	050	A	$1720.00
219600	HVH-25-43-30 480V 3PH 25.0KW	ST	050	A	$1720.00
219619	HVH-25-63-30 600V 3PH 25.0KW	NS	050	A	$1940.00
219627	HVH-30-23-30 208/240V 3PH 22.4/29.9KW	NS	075	A	$2058.00
219635	HVH-30-43-30 480V 3PH 30.0KW	NS	075	A	$2058.00
219643	HVH-30-63-30 600V 3PH 30.0KW	NS	075	A	$2278.00
219651	HVH-35-23-30 208/240V 3PH 25.6/34.0KW	NS	075	A	$2397.00
219660	HVH-35-43-30 480V 3PH 34.0KW	NS	075	A	$2397.00
219678	HVH-35-63-30 600V 3PH 34.2KW	NS	075	A	$2617.00
219686	HVH-40-23-30 208/240V 3PH 28.1/37.4KW	NS	075	A	$2734.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
219694	HVH-40-43-30 480V 3PH 37.4KW	ST	075	A	$2734.00
219707	HVH-40-63-30 600V 3PH 37.5KW	NS	075	A	$2954.00
219715	HVH-45-23-30 208/240V 3PH 33.7/44.8KW	NS	075	A	$3073.00
219723	HVH-45-43-30 480V 3PH 44.8KW	NS	075	A	$3073.00
219731	HVH-45-63-30 600V 3PH 45.2KW	NS	075	A	$3293.00
219740	HVH-50-23-30 208/240V 3PH 38.4/51.1KW	NS	075	A	$3411.00
219758	HVH-50-43-30 480V 3PH 51.1KW	NS	075	A	$3411.00
219766	HVH-50-63-30 600V 3PH 51.3KW	NS	075	A	$3631.00
HVH ACCESSORIES					
219459	HVS-1	ST	001	A	$69.00
219467	HVS-2	NS	001	A	$77.00
219774	HVS-3	NS	001	A	$94.00
219416	HVW-1	ST	010	A	$97.00
219424	HVW-2	ST	010	A	$118.00
219782	HVW-3	ST	010	A	$118.00
219820	HVW-4	NS	010	A	$135.00
219491	HDS-1	ST	010	A	$161.00
219790	HDS-2	ST	015	A	$261.00
219803	HDS-3	ST	015	A	$324.00
219432	HVC-1	ST	020	A	$41.00
219440	HVC-2	ST	020	A	$92.00
219811	HVC-3	ST	020	A	$92.00
219838	HVC-4	NS	020		$159.00
219504	HVF-01 FAN SWITCH (NO RELAY)	ST	000	A	$108.00
219512	HVF-02 FAN SWITCH (24V RELAY)	NS	000	A	$108.00
219520	HVF-03 FAN SWITCH (120V RELAY)	NS	000	A	$108.00
219475	HVH TK-5	ST	000	A	$81.00

Factory Installed Features (Add to Base List Price)

Except for brackets all accessories can be factory installed. Add kit price to base for factory installation.

LUH UNIT HEATERS 274

303001	LUH-D-02-81-34-00 208V1P 2.6KW	ST	032	A	$675.00
303010	LUH-D-02-21-34-00 240V1P 2.6KW	ST	032	A	$675.00
303028	LUH-D-02-71-35-00 277V1P 2.6KW	ST	032	A	$675.00
303036	LUH-D-04-81-34-00 208V 1P 4KW	ST	032	A	$711.00
303044	LUH-D-04-83-34-00 208V 3P 4KW	ST	032	A	$711.00
303052	LUH-D-04-21-34-00 240V 1P 4KW	ST	032	A	$796.00
303060	LUH-D-04-23-34-00 240V 3P 4KW	ST	032	A	$711.00
303079	LUH-D-04-71-35-00 277V 1P 4KW	ST	032	A	$711.00
303087	LUH-D-04-43-32-00 480V 3P 4KW	ST	032	A	$763.00
303095	LUH-D-05-81-34-00 208V 1P 5KW	ST	032	A	$927.00
303108	LUH-D-05-83-34-00 208V 3P 5KW	ST	032	A	$927.00
303116	LUH-D-05-21-34-00 240V 1P 5KW	ST	032	A	$927.00
303124	LUH-D-05-23-34-00 240V 3P 5KW	NS	032	A	$927.00
303132	LUH-D-05-71-35-00 277V 1P 5KW	NS	032	A	$927.00
303140	LUH-D-05-43-32-00 480V 3P 5KW	ST	032	A	$979.00
303159	LUH-D-07-81-34-00 208V1P 7.5KW	NS	050	A	$1093.00
303167	LUH-D-07-83-34-00 208V3P 7.5KW	ST	050	A	$1093.00
303175	LUH-D-07-21-34-00 240V1P 7.5KW	ST	050	A	$1093.00
303183	LUH-D-07-23-34-00 240V3P 7.5KW	NS	050	A	$1093.00
303191	LUH-D-07-71-35-00 277V1P 7.5KW	NS	050	A	$1093.00
303204	LUH-D-07-43-32-00 480V3P 7.5KW	ST	050	A	$1145.00
303212	LUH-D-10-81-34-00 208V 1P 10KW	NS	050	A	$1144.00
303220	LUH-D-10-83-34-00 208V 3P 10KW	ST	050	A	$1144.00
303239	LUH-D-10-21-34-00 240V 1P 10KW	ST	050	A	$1144.00
303247	LUH-D-10-23-34-00 240V 3P 10KW	NS	050	A	$1144.00
303255	LUH-D-10-43-32-00 480V 3P 10KW	ST	050	A	$1196.00
303263	LUH-D-12-83-34-00 208V 3P 12.5	NS	050	A	$1413.00
303271	LUH-D-12-23-34-00 240V3P12.5KW	NS	050	A	$1413.00
303280	LUH-D-12-43-32-00 480V3P12.5KW	ST	050	A	$1465.00
303298	LUH-D-15-83-34-00 208V 3P 15KW	NS	050	A	$1892.00
303300	LUH-D-15-23-34-00 240V 3P 15KW	NS	050	A	$1892.00
303319	LUH-D-15-43-32-00 480V 3P 15KW	ST	050	A	$1944.00
303327	LUH-D-20-23-34-00 240V 3P 20KW	NS	073	A	$2394.00
303335	LUH-D-20-43-32-00 480V 3P 20KW	ST	073	A	$2446.00
303343	LUH-D-25-43-32-00 480V 3P 25KW	ST	073	A	$2805.00
303351	LUH-D-30-83-34-00 208V 3P 30KW	NS	106	A	$3056.00
303360	LUH-D-30-23-34-00 240V 3P 30KW	NS	106	A	$3056.00
303378	LUH-D-30-43-32-00 480V 3P 30KW	ST	106	A	$3108.00
303386	LUH-D-35-23-34-00 240V 3P 35KW	NS	106	A	$3582.00
303394	LUH-D-35-43-32-00 480V 3P 35KW	ST	106	A	$3634.00
303415	LUH-D-40-43-32-00 480V 3P 40KW	ST	106	A	$4378.00
303423	LUH-D-45-43-32-00 480V 3P 45KW	ST	106	A	$4799.00
LUH ACCESSORIES					
303474	WUH-01A WALL BRKT 2- 5KW	ST	000	A	$78.00
300484	WUH-02 WALL BRKT 7-25KW	ST	000	A	$103.00
300492	WUH-03 WALL BRKT 30-45KW	ST	000	A	$172.00
301129	LUH-TK-1 SPST THERMO KIT	ST	002	A	$85.00
303466	WUH-04A CEIL BRKT 2- 5KW	ST	000	A	$58.00
300513	WUH-05 CEIL BRKT 7-25KW	ST	002	A	$61.00
300521	WUH-06 CEIL BRKT 30-45KW	ST	002	A	$99.00
303431	EDS-1 LUH DISC SW KIT 40AMP	ST	000	A	$195.00
303440	EDS-2 LUH DISC SW KIT 80AMP	ST	000	A	$329.00
303458	EDS-3 LUH DISC SW KIT 100AMP	NS	000	A	$374.00
305007	ISFS-02 INTERNAL FAN SW KIT	NS	001	A	$90.00
305015	ESFS-40 L/KFAN/RELAYKIT24V2POL	NS	000	A	$140.00
305058	ESFS-40A EXTERNAL F & R KIT	NS	001	A	$142.00
305031	ESFS-42 EXTERNAL F & RR KIT	NS	001	A	$142.00
305074	ESFS-42A EXTERNAL F & R KIT	NS	001	A	$142.00
305040	ESFS-47 L/KFAN/RELAYKIT277V2PO	NS		A	$140.00

Factory Installed Features (Add to Base List Price)

Except for brackets all accessories can be factory installed. Add kit price to base for factory installation.

CCH Cabinet Console Heaters

	CCH 3D 02 (2/1kW, 32 Inch)	NS	105	A	$3870.00
	CCH 3D 03 (3/2kW, 32 Inch)	NS	105	A	$3886.00
	CCH 3D 04 (4/2kW, 32 Inch)	NS	105	A	$3901.00
	CCH 3D 05 (5/3kW, 32 Inch)	NS	105	A	$3917.00
	CCH 3D 06 (6/3kW, 32 Inch)	NS	105	A	$3932.00
	CCH 4D 04 (4/2kW, 45 Inch)	NS	145	A	$4250.00
	CCH 4D 06 (6/4kW, 45 Inch)	NS	145	A	$4272.00
	CCH 4D 08 (8/4kW, 45 Inch)	NS	145	A	$4294.00
	CCH 4D 10 (10/6kW, 45 Inch)	NS	145	A	$4316.00
	CCH 4D 12 (12/6kW, 45 Inch)	NS	145	A	$4338.00
	CCH 6D 15 (15/9kW, 45 Inch)	NS	240	A	$6311.00
	CCH 6D 18 (18/9kW, 45 Inch)	NS	240	A	$6771.00

CCH - Accessories

TF32-32 Inch - Trim Frame - Recess Mount, Contact Factory

TF45-45 Inch - Trim Frame - Recess Mount, Contact Factory

TF65-65 Inch - Trim Frame - Recess Mount, Contact Factory

PWF32-32 Inch - Permanent Washable Filter, Contact Factory

PWF45-45 Inch - Permanent Washable Filter, Contact Factory

PWF65-65 Inch - Permanent Washable Filter, Contact Factory

CCH - Control Options

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PCN	DESCRIPTION	SS	WT	D	PRICE
	3 - Built-in single pole thermostat control (High/low control switch for heat/fan, on/off control switch)				$312
	T - Built-in low voltage relay kit for remote 24V thermostat (not included, High/low control switch for heat/fan)				$151
	R - Provision for remote wire control (not included,High/low control switch for heat/fan), Contact Factory				
	C - Duct transition collar for connection to ducting				$261
	S - Disconnect switch for positive power interruption				$274
	X - High speed motor for ceiling mount, Contact Factory				
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CAF-6 CONVECTION HEATERS				
	CAF-6F205 (24.3 Inch-120V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F205 (24.3 Inch-208V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F205 (24.3 Inch-240V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F307 (36.3 Inch-120V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-208V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-240V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-277V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F410 (48.3 Inch-120V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-208V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-244V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-277V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F512 (60.3 Inch-120V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-208V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-240V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-277V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F615 (72.3 Inch-120V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-208V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-240V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-277V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F717 (84.3 Inch-208V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F717 (84.3 Inch-240V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F717 (84.3 Inch-277V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F820 (96.3 Inch-208V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F820 (96.3 Inch-240V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F820 (96.3 Inch-277V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F922 (108.3 Inch-208V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F922 (108.3 Inch-240V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F922 (108.3 Inch-277V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F025 (120.3 Inch-208V,1PH,2500W)	NS	88.4	A	$897.00
	CAF-6F025 (120.3 Inch-240V,1PH,2500W)	NS	88.4	A	$897.00
	CAF-6F025 (120.3 Inch-277V,1PH,2500W)	NS	88.4	A	$897.00
	CAF-6 Accessories				
	ALPKS2-Pedestal kit for units up to 4' length (2 included)				$146
	ALPKS3-Pedestal kits for units above 4' length (3 included)				$236
	ALF6IC90-Inside 90 degree corner, Contact Factory				
	AFL60C90-Outside 90 degree corner, Contact Factory				
	CAF-6 Control Options				
	A1-Built-in SP tamperproof thermostat 120-277V				$75
	A2-Built-in DP tamperproof thermostat 120-277V				$75
	F1-Built-in SP adjustable thermostat 120-277V				$75
	F2-Built-in DP adjustable thermostat 120-277V				$75
	A4-Built-in 24V low voltage relay 120-277V				$168
	A5-Built-in 24V low voltage relay and transformer 120-277V				$239
	A8-Built-in disconnect switch, rated 277V/20A				$110
	B1-Built-in SP tamperproof thermostat and disconnect				$129
	B2-Built-in DP tamperproof thermostat and disconnect				$133

PCN	DESCRIPTION	SS	WT	D	PRICE
	F3-Built-in SP adjustable thermostat and disconnect				$132
	F4-Built-in DP adjustable thermostat and disconnect				$135
	D1-Built-in low voltage relay and disconnect				$277
	D2-Built-in low voltage relay/transformer and disconnect				$349
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CCAS-8 CABINET HEATERS				
	CCAS-8F205 (24.3 Inch-120V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F205 (24.3 Inch-208V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F205 (24.3 Inch-240V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F307 (36.3 Inch-120V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-208V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-240V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-277V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F410 (48.3 Inch-120V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-208V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-240V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-277V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F512 (60.3 Inch-120V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-208V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-240V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-277V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F615 (72.3 Inch-120V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-208V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-240V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-277V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F717 (84.3 Inch-208V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F717 (84.3 Inch-240V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F717 (84.3 Inch-277V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F820 (96.3 Inch-208V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F820 (96.3 Inch-240V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F820 (96.3 Inch-277V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F922 (108.3 Inch-208V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F922 (108.3 Inch-240V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F922 (108.3 Inch-277V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F025 (120.3 Inch-208V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8F025 (120.3 Inch-240V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8F025 (120.3 Inch-277V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8 Accessories				
	ALPKS2-Pedestal kit for units up to 4' length				
	ALPKS3-Pedestal kits for units above 4' length				
	ALS8IC90-Inside 90 degree corner				
	AFS80C90-Outside 90 degree corner				
	CCAS-8 Control Options				
	A1-Built-in SP tamperproof thermostat 120-277V				$71
	A2-Built-in DP tamperproof thermostat 120-277V				$76
	F1-Built-in SP adjustable thermostat 120-277V				$71
	F2-Built-in DP adjustable thermostat 120-277V				$76
	A4-Built-in 24V low voltage relay 120-277V				$168
	A5-Built-in 24V low voltage relay and transformer 120-277V				$239
	A8-Built-in disconnect switch, rated 277V@20A				$110
	B1-Built-in SP tamperproof thermostat and disconnect				$129
	B2-Built-in DP tamperproof thermostat and disconnect				$133
	F3-Built-in SP adjustable thermostat and disconnect				$132
	F4-Built-in DP adjustable thermostat and disconnect				$135
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CCAS-12 CABINET HEATERS				

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PCN	DESCRIPTION	SS	WT	D	PRICE
	CCAS-12F211 (24.3 Inchs-208V,1PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F211 (24.3 Inchs-208V,3PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F211 (24.3 Inchs-240V,1PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-208V,1PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-208V,3PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-240V,1PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F316 (36.3 Inchs-208V,1PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-208V,3PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-277V,1PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-480V,3PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F422 (48.3 Inchs-208V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-208V,3PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-240V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-277V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-480V,3PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-208V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-208V,3PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-240V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-277V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-480V,3PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F633 (72.3 Inchs-208V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-208V,3PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-240V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-277V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-480V,3PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-208V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-208V,3PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-240V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-277V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-480V,3PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F845 (96.3 Inchs-208V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-208V,3PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-240V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-277V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-480V,3PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-208V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-208V,3PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-240V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-277V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-480V,3PH,6000W)	NS	131.3	A	$1357.00

CCAS-12 Accessories

ALPKM2-Pedestal kit for units up to 4' length

ALPKM3-Pedestal kits for units above 4' length

ALS12IC90-Inside 90 degree corner, Contact Factory

AFS120C90-Outside 90 degree corner, Contact Factory

CCAS-12 Control Options

A9-Built-in DP tamperproof hydraulic thermostat 208-277V	$162
A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-480V	$209
A4-Built-in 24V low voltage relay for 1P voltages 208-277V	$139
A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-277V	$170
A6-Built-in 24V contactor less transformer for 3P voltages 208-480V	$369
A7-Built-in 24V contactor and transformer for 3P voltages 208-480V	$416
A8-Built-in disconnect switch, rated 277V@20A	$332
B9-Built-in DP tamperproof thermostat and disconnect	$469
B3-Built-in 3P tamperproof thermostat and disconnect	$516

Add 10% to Base List Price for Clear and Bronze Paint Finish

PCN	DESCRIPTION	SS	WT	D	PRICE
	CAF-12 CABINET HEATERS				
	CAF-12F211,208V,1PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,208V,3PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,240V,1PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,240V,3PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,208V,1PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,208V,3PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,240V,1PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,240V,3PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F316,208V,1PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,208V,3PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,277V,1PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,480V,3PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F422,208V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,208V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,240V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,240V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,277V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,480V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,208V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,208V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,240V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,240V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,277V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,480V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F633,208V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,208V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,240V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,240V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,277V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,480V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,208V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,208V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,240V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,240V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,277V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,480V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F845,208V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,208V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,240V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,240V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,277V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,480V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,208V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,208V,3PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,240V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,240V,3PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,277V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,480V,3PH,6000W,96.3"	NS	131.3	A	$1314.00

CAF-12 Accessories

ALPKM2-Pedestal kit for units up to 4' length	$139
ALPKM3-Pedestal kits for units above 4' length	$223

ALF12IC90-Inside 90 degree corner, Contact Factory

ALF120C90-Outside 90 degree corner, Contact Factory

CAF-12 Control Options

A9-Built-in DP tamperproof hydraulic thermostat 208-277V	$162

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PCN	DESCRIPTION	SS	WT	D	PRICE
	A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-480V				$209
	A4-Built-in 24V low voltage relay for 1P voltages 208-277V				$139
	A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-277V				$170
	A6-Built-in 24V contactor less transformer for 3P voltages 208/480V				$369
	A7-Built-in 24V contactor and transformer for 3P voltages 208-480V				$416
	A8-Built-in disconnect switch, rated 277V@20A				$332
	B9-Built-in DP tamperproof thermostat and disconnect				$469
	B3-Built-in 3P tamperproof thermostat and disconnect				$516
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CAF-20 CABINET HEATERS				
	CAF-20215 (24.3 Inch-208V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-208V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-240V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-240V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-277V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-480V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-480V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-208V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-208V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-240V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-240V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-277V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-480V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-480V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20330 (36.3 Inch-208V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-208V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-240V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-240V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-277V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-480V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-480V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20430 (48.3 Inch-208V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-208V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-240V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-240V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-277V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-480V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-480V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-208V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-208V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-240V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-240V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-277V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-480V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-480V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20645 (72.3 Inch-208V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-208V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-240V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-240V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-277V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-480V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-480V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20550 (60.3 Inch-208V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-208V,3PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-240V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-240V,3PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-277V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-480V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-480V,3PH,5000W)	NS	170.1	A	$1534.00
	CAF-20660 (72.3 Inch-208V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-208V,3PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-240V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-240V,3PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-277V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-480V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-480V,3PH,6000W)	NS	198.2	A	$1644.00
	CAF-20 Optional Trim Bar				
	ALTB2-24.3", Contact Factory				
	ALTB3-36.3", Contact Factory				
	ALTB4-48.3", Contact Factory				
	ALTB5-60.3", Contact Factory				
	ALTB6-72.3", Contact Factory				
	CAF-20 Control Options				
	A9-Built-in DP tamperproof hydraulic thermostat 208-600V				$162
	A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-600V				$209
	A4-Built-in 24V low voltage relay for 1P voltages 208-600V				$139
	A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-600V				$171
	A6-Built-in 24V contactor less transformer for 3P voltages 208-600V				$369
	A7-Built-in 24V contactor and transformer for 3P voltages 208-600V				$416
	A8-Built-in disconnect switch, rated 600V@30A				$332
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CPHH PUMPHOUSE HEATERS 295				
350190	CPHH-50011 120V 500W	ST	005	A	$231.00
350203	CPHH-50031 240V 500W	NS	005	A	$231.00
	HB BAND HEATERS 321				
273631	HB-5075 240V 750W	NS	001	A	$383.00
273287	HB-5080 240V 800W	NS	002	A	$383.00
272760	HB-5460 240V 600W	NS	002	A	$388.00
273463	HB-5415 240V 1500W	NS	002	A	$388.00
269149	HB-6040 240V 400W	NS	002	A	$391.00
268998	HB-6075 240V 750W	NS	002	A	$391.00
269464	HB-6410 240V 1000W	NS	002	A	$393.00
273623	HB-7010 240V 1000W	NS	002	A	$402.00
269157	HB-7490 240V 900W	NS	002	A	$405.00
273578	HB-7412 240V 1250W	NS	002	A	$405.00
273586	HB-7715 240V 1500W	NS	003	A	$407.00
269000	HB-8013 240V 900W	NS	002	A	$411.00
273599	HB-8014 240V 1400W	NS	002	A	$411.00
269886	HB-8415 240V 1565W	NS	003	A	$421.00
269018	HB-9015 240V 1100W	NS	003	A	$442.00
272073	HB-9217 240V 1710W	NS	003	A	$436.00
269165	HB-9413 240V 1300W	NS	003	A	$447.00
273640	HB-9416 240V 1600W	NS	003	A	$447.00
269878	HB-1018 240V 1800W	NS	003	A	$452.00
273615	HB-10226 240V 2600W	NS	003	A	$448.00
269026	HB-10415 240V 1200W	ST	003	A	$463.00
272305	HB-1120 240V 2025W	NS	003	A	$472.00
269034	HB-11412 240V 1200W	NS	003	A	$482.00
273711	HB-11417 240V 1700W	NS	003	A	$482.00
269042	HB-12416 240V 1500W	NS	004	A	$494.00
269050	HB-13418 240V 1800W	NS	004	A	$513.00
269130	HB-1412 240V 1200W	NS	004	A	$545.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
269069	HB-1425 240V 2500W	NS	004	A	$545.00
269077	HB-15425 240V 2500W	NS	004	A	$563.00
263986	HB-1725 240V 2500W	NS	004	A	$638.00
263994	HB-17425 240V 2500W	NS	004	A	$649.00
264006	HB-2030 240V 3000W	ST	005	A	$690.00

Additional features for HB

1. Terminal cover (must be made to order.)	$35
2. Ceramic post terminal insulator, see strip heaters.	
3. New Item Engineering Charge prorated over the quantity of each item. No charge if total list value of item exceeds	$100
Minimum order line value for no charge	$500

MB BAND HEATERS 1 PIECE CONSTRUCTION 331

PCN	DESCRIPTION	SS	WT	D	PRICE
150009	MB-0R2A1A1 240V 175W	NS	001	A	$98.00
156726	MB-10A1J1P1 240V 1400W	NS	000	A	$50.00
156742	MB-10A3A1P1 240V 2400W	NS	000	A	$69.50
150017	MB-1A1A1A1 120V 100W	ST	001	A	$94.00
150025	MB-1A1A1A2 240V 100W	NS	001	A	$94.00
150447	MB-1A1A1A3 120V 150W	NS	001	A	$94.00
150455	MB-1A1A1A4 240V 150W	NS	001	A	$94.00
154034	MB-1A1A1A5 120V 125W	NS	000	A	$35.75
154042	MB-1A1A1A6 240V 155W	NS	000	A	$35.75
154018	MB-1A1A1L1 120V 100W	NS	000	A	$35.75
154050	MB-1A1A1L3 120V 125W	NS	000	A	$35.75
150033	MB-1A1J1A1 120V 150W	NS	001	A	$94.00
150041	MB-1A1J1A2 240V 150W	NS	001	A	$94.00
150463	MB-1A1J1A3 120V 200W	NS	001	A	$94.00
150471	MB-1A1J1A4 240V 200W	NS	001	A	$94.00
154157	MB-1A3A1A1 250V 175W	NS	000	A	$35.75
154181	MB-1A3A1L2 240V 250W	NS	000	A	$40.00
150050	MB-1E0L1A1 120V 100W	NS	001	A	$94.00
154261	MB-1E1A1L4 240V 175W	NS	000	A	$35.75
150068	MB-1E1E1A1 120V 150W	NS	001	A	$94.00
150076	MB-1E1E1A2 240V 150W	NS	001	A	$94.00
150480	MB-1E1J1A1 240V 200W	NS	001	A	$94.00
150498	MB-1E2A1A1 240V 150W	NS	001	A	$104.00
150084	MB-1G1A1A1 240V 150W	NS	001	A	$94.00
154376	MB-1G1A1A2 120V 150W	NS	000	A	$35.75
150501	MB-1G1J1A1 240V 275W	NS	001	A	$94.00
150519	MB-1G2A1A1 240V 300W	NS	001	A	$104.00
150092	MB-1J1A1A1 120V 150W	ST	001	A	$94.00
150105	MB-1J1A1A2 240V 150W	NS	001	A	$94.00
150527	MB-1J1A1A3 120V 200W	NS	001	A	$94.00
150535	MB-1J1A1A4 240V 200W	NS	001	A	$94.00
154499	MB-1J1A1A5 120V 100W	NS	000	A	$35.75
154501	MB-1J1A1A6 240V 100W	NS	000	A	$35.75
154560	MB-1J1A1L6 240V 200W	NS	000	A	$35.75
150543	MB-1J1E1A1 240V 225W	NS	001	A	$94.00
150113	MB-1J1J1A1 120V 200W	NS	001	A	$94.00
150121	MB-1J1J1A2 240V 200W	NS	001	A	$94.00
150130	MB-1J1J1A3 120V 250W	NS	001	A	$94.00
150148	MB-1J1J1A4 240V 250W	NS	001	A	$94.00
150560	MB-1J1J1A6 240V 275W	NS	001	A	$94.00
154624	MB-1J1J1A7 120V 300W	NS	000	A	$35.75
154632	MB-1J1J1A8 240V 300W	NS	000	A	$35.75
154659	MB-1J1J1L6 240V 300W	NS	000	A	$35.75
150578	MB-1J1J1P1 120V 275W	NS	001	A	$69.50
150586	MB-1J1J1P2 240V 275W	NS	001	A	$69.50
154667	MB-1J2A1A2 120V 300W	NS	000	A	$36.75
154683	MB-1J2A1L2 240V 300W	NS	000	A	$36.75
150594	MB-1J2A1P1 240V 300W	NS	001	A	$98.00
154739	MB-1J3A1A1 240V 350W	NS	000	A	$40.00
154747	MB-1J3A1A2 120V 450W	NS	000	A	$40.00
154755	MB-1J3A1A3 240V 450W	NS	000	A	$40.00
150156	MB-1L1E1A1 240V 200W	NS	001	A	$94.00
150607	MB-1N1A1A1 240V 200W	NS	001	A	$94.00
150164	MB-1N1J1A1 120V 200W	NS	001	A	$94.00
150172	MB-1N1J1A2 240V 200W	NS	001	A	$94.00
150181	MB-1N1J1A3 120V 250W	NS	001	A	$94.00
150199	MB-1N1J1A4 240V 250W	NS	001	A	$94.00
150623	MB-1N1J1A5 240V 275W	NS	001	A	$94.00
150631	MB-1N1J1A6 120V 300W	NS	001	A	$94.00
150640	MB-1N1J1A7 240V 300W	NS	001	A	$94.00
150615	MB-1N1J1P1 240V 250W	NS	001	A	$94.00
150658	MB-1N1J1P2 240V 300W	NS	001	A	$71.50
154907	MB-1N3A1L2 240V 500W	NS	000	A	$39.00
150201	MB-1Q1A1A1 240V 200W	NS	001	A	$94.00
150666	MB-2A1A1A1 120V 200W	NS	001	A	$94.00
150674	MB-2A1A1A2 240V 200W	NS	001	A	$94.00
154966	MB-2A1A1L4 240V 200W	NS	000	A	$35.75
150210	MB-2A1J1P1 240V 250W	NS	001	A	$72.50
150682	MB-2A1J1P2 240V 300W	NS	001	A	$72.50
154990	MB-2A1J1P3 120V 300W	NS	000	A	$28.75
150691	MB-2A2J1P1 240V 450W	NS	001	A	$75.50
155053	MB-2A3A1L2 240V 600W	NS	000	A	$40.00
150228	MB-2C1A1A1 120V 200W	ST	001	A	$94.00
150703	MB-2C1A1A2 240V 275W	NS	001	A	$94.00
150711	MB-2C1J1P1 240V 350W	NS	001	A	$72.50
150720	MB-2E1A1P1 120V 250W	ST	001	A	$69.50
150738	MB-2E1A1P2 240V 250W	NS	001	A	$69.50
155133	MB-2E1J1L2 240V 300W	NS	000	A	$35.75
150236	MB-2E1J1P1 240V 200W	NS	001	A	$74.50
150746	MB-2E1J1P2 240V 375W	NS	001	A	$74.50
150754	MB-2E2A1P1 240V 525W	NS	001	A	$79.00
150244	MB-2G1A1P1 240V 200W	NS	001	A	$71.50
155176	MB-2J1A1L1 120V 300W	NS	000	A	$35.75
150762	MB-2J1A1P1 240V 275W	NS	001	A	$72.50
155192	MB-2J1A1P2 240V 300W	NS	000	A	$28.75
150252	MB-2J1J1P1 240V 300W	NS	001	A	$75.50
150771	MB-2J1J1P2 120V 350W	NS	001	A	$75.50
150789	MB-2J1J1P3 240V 350W	NS	001	A	$75.50
150797	MB-2J2A1P1 240V 450W	NS	001	A	$80.00
150800	MB-2N1J1P1 240V 400W	NS	001	A	$75.50
155395	MB-2N3A1L2 240V 600W	NS	000	A	$40.00
155408	MB-3A1A1A1 120V 200W	NS	000	A	$36.75
155416	MB-3A1A1A2 240V 200W	NS	000	A	$36.75
150261	MB-3A1A1P1 240V 300W	NS	001	A	$72.50
150818	MB-3A1A1P2 240V 400W	NS	001	A	$72.50
155459	MB-3A1A1P4 240V 200W	NS	000	A	$28.75
155563	MB-3A1J1A1 240V 400W	NS	000	A	$36.75
155619	MB-3A1J1L3 240V 500W	NS	000	A	$35.75
150279	MB-3A1J1P1 240V 400W	NS	001	A	$79.00
150826	MB-3A1J1P2 240V 500W	NS	001	A	$79.00
155651	MB-3A2A1P1 240V 500W	NS	000	A	$31.75
155694	MB-3A3A1P1 120V 700W	NS	000	A	$34.75

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PCN	DESCRIPTION	SS	WT	D	PRICE
155707	MB-3A3A1P2 240V 700W	NS	000	A	$34.75
150287	MB-3C1A1P1 240V 300W	NS	001	A	$74.50
150842	MB-3E1J1P1 240V 400W	NS	001	A	$80.00
155740	MB-3E1J1P1 240V 400W	NS	000	A	$30.75
155758	MB-3E2A1A1 240V 500W	NS	000	A	$42.00
155790	MB-3J1A1L2 240V 300W	NS	000	A	$36.75
155811	MB-3J1J1A2 240V 400W	NS	000	A	$39.00
155838	MB-3J1J1L2 240V 400W	NS	000	A	$36.75
150295	MB-3J1J1P1 240V 500W	ST	001	A	$80.00
155846	MB-3J1J1P2 240V 400W	NS	000	A	$31.75
155854	MB-3J1J1P3 120V 500W	NS	000	A	$31.75
155862	MB-3J2A1P1 240V 600W	NS	000	A	$32.75
150869	MB-3J2A1P1 240V 600W	NS	001	A	$86.00
150877	MB-3N1J1P1 240V 700W	NS	001	A	$82.00
155870	MB-4A1A1P1 240V 400W	NS	000	A	$32.75
150308	MB-4A1J1P1 240V 500W	NS	001	A	$83.00
155889	MB-4A1J1P2 240V 650W	NS	000	A	$32.75
155897	MB-4A2A1P1 240V 550W	ST	000	A	$35.75
155900	MB-4A2A1P2 240V 800W	NS	000	A	$35.75
155918	MB-4A2J1P1 120V 500W	NS	000	A	$36.75
155934	MB-4A2J1P3 240V 1000W	NS	000	A	$36.75
155969	MB-4J1A1P1 240V 350W	NS	000	A	$34.75
150316	MB-4J1J1P1 240V 650W	NS	001	A	$86.00
155993	MB-4J2J1P1 240V 1000W	NS	000	A	$39.00
156048	MB-5A1J1P1 240V 700W	NS	000	A	$35.75
156064	MB-5A2A1P1 240V 800W	NS	000	A	$39.00
150949	MB-5E1J1P1 240V 600W	NS	001	A	$90.00
156080	MB-5E1J1P2 240V 1000W	NS	000	A	$36.75
150965	MB-5J1J1C1 240V 900W	NS	001	A	$90.00
156136	MB-6A1A1A2 240V 300W	NS	000	A	$46.00
156160	MB-6A1J1P1 240V 600W	NS	000	A	$39.00
156179	MB-6A1J1P2 240V 850W	NS	000	A	$39.00
156187	MB-6A2J1P1 240V 1450W	NS	000	A	$46.00
156208	MB-6A3A1P2 240V 1500W	NS	000	A	$50.00
150981	MB-6C1J1P1 240V 1000W	NS	001	A	$92.00
156232	MB-6J2A1P1 120V 1000W	NS	000	A	$46.00
156371	MB-8A1A1P1 240V 500W	NS	000	A	$44.00
156380	MB-8A1J1P1 240V 950W	NS	000	A	$44.00
156419	MB-8A2A1P1 240V 1000W	NS	000	A	$50.00
156435	MB-8J1J1P1 240V 1200W	NS	000	A	$46.00
156460	MB-9A1J1P1 240V 1300W	NS	000	A	$47.00

MB BAND HEATERS TWO PIECE CONSTRUCTION 332

151141	MB-10A1J2P1 240/480V 1000W	NS	002	A	$142.00
150439	MB-10A1J2P2 240/480V 1400W	NS	002	A	$142.00
151159	MB-10J1J2P1 240/480V 2000W	NS	002	A	$145.00
156700	MB-12A2A2P1 240/480V 2300W	NS	000	A	$80.00
150851	MB-3J1J2P1 240/480V 500W	NS	001	A	$113.00
150885	MB-4A1J2P1 240/480V 700W	NS	001	A	$114.00
150893	MB-4A2A2P1 240/480V 800W	NS	001	A	$120.00
150906	MB-4J1J2P1 240/480V 750W	NS	001	A	$118.00
156515	MB-4J2A2P1 240/480V 700W	NS	000	A	$46.00
150914	MB-4N1J2P1 240/480V 600W	NS	001	A	$119.00
150922	MB-4Q1J2P1 240/480V, 900W	NS	001	A	$119.00
150324	MB-5A1J2P1 240/480V 700W	NS	001	A	$120.00
150931	MB-5A1J2P2 240/480V 900W	NS	001	A	$120.00
150957	MB-5E1J2P1 240/480V 900W	NS	001	A	$124.00
150332	MB-5J1J2P1 240/480V 800W	NS	001	A	$124.00
150341	MB-6A1J2P1 240/480V 850W	NS	001	A	$125.00
150973	MB-6A1J2P2 240/480V 1000W	NS	001	A	$125.00
156558	MB-6A3A2P1 240/480V 1400W	NS	000	A	$60.50
150990	MB-6E1J2P1 240/480V 750W	NS	001	A	$126.00
150359	MB-6J1J2P1 240/480V 950W	NS	001	A	$127.00
151001	MB-6J1J2P2 240/480V 1200W	NS	001	A	$127.00
151010	MB-6J2A2P1 240/480V 1000W	NS	001	A	$134.00
150367	MB-6N1J2P1 240/480V 1000W	NS	001	A	$127.00
156574	MB-6N2A2P1 240/480V 1250W	NS	000	A	$51.00
150375	MB-7A1J2P1 240/480V 1000W	ST	001	A	$128.00
156582	MB-7A2A2P1 240/480V 1250W	NS	000	A	$56.50
156590	MB-7A3A2P1 240/480V 1600W	NS	000	A	$64.50
151028	MB-7E1J2P1 240/480V 1000W	NS	001	A	$131.00
151036	MB-7E2A2P1 240/480V 900W	NS	001	A	$137.00
151044	MB-7G1J2P1 240/480V 1200W	NS	001	A	$132.00
150383	MB-7J1J2P1 240/480V 1000W	NS	001	A	$132.00
151052	MB-7J1J2P2 240/480V 1200W	NS	001	A	$132.00
151061	MB-7N1J2P1 240/480V 1000W	NS	001	A	$132.00
150391	MB-7Q1J2P1 240/480V 1000W	NS	001	A	$132.00
151079	MB-8A1E2P1 240/480V 1100W	NS	001	A	$132.00
150404	MB-8A1J2P1 240/480V 1000W	NS	001	A	$132.00
151087	MB-8A1J2P2 240/480V 1300W	NS	001	A	$132.00
156638	MB-8E4A2P1 240/480V 3000W	NS	000	A	$90.00
150412	MB-8J1J2P1 240/480V 1200W	NS	001	A	$134.00
151095	MB-8J1J2P2 240/480V 1400W	NS	001	A	$134.00
151108	MB-8J2A2P1 240/480V 1600W	NS	002	A	$145.00
150421	MB-9A1J2P1 240/480V 1300W	NS	001	A	$137.00
151116	MB-9A1J2P2 240/480V 1500W	NS	001	A	$137.00
151124	MB-9J2A2P1 240/480V 1800W	NS	002	A	$151.00
151132	MB-9N2A2P1 240/480V 2000W	NS	002	A	$160.00

Additional features for Mica band heaters

1. Non-stock and special rated heaters and all mica bands with special features listed below: pro-rated over the quantity of each item ordered.	$100
Minimum order line value for no charge	$500
2. Special diameters-use next standard diameter and add New Item Engineering Charge. For larger diameters and special widths-check factory.	
3. Type B terminal	$7
'- one piece construction	
'- Two piece construction no extra charge.	
4. Type Q terminal	
'- one piece construction add $14.00 list.	$14
'- Two piece construction add $28.00 list.	$28
5. Type K terminal	$12
- one piece construction, for first 24 in. leadwire and 18 in. braid	$12
- For each additional foot or fraction	$4
- Two piece construction for first 24 in. leadwire and 18 in. braid	$24
- For each additional foot or fraction	$4
6. Type G terminal one piece construction	
- one piece construction, for first 24 in. leadwire and 18 in. braid	$14
- For each additional foot or fraction	$4
- Two piece construction for first 24 in. leadwire and 18 in. braid	$27
- For each additional foot or fraction	$4
7. Type M terminal one piece construction	
- one piece construction, for first 24 in. leadwire and 18 in. braid	$16
- For each additional foot or fraction	$4
- Two piece construction for first 24 in. leadwire and 18 in. braid	$32
- For each additional foot or fraction	$4

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PCN	DESCRIPTION	SS	WT	D	PRICE
	8. Type A lead, per foot or fraction.				$3
	9. Lock-up tabs in lieu of stainless steel clamping band for standard heaters. (deduct from list)				5%
	10. Ceramic post terminal insulators				
	- One piece construction, use part no 6-41059 PCN 259805.				
	- Two piece construction order two of above. See strip heater section.				
	Note: All one-inch wide heaters with post ter. 6-32 thread. For insulators-check factory.ve				
	11. Plugs				
	12. Clearance holes, up to one-half inch diameter (per hole)				$5
	1. plug no. 5264				$12
	2. plug no. 4726				$13
	3. Plug no. 4576				$17
	Note: For description of plugs see cartridge heater bulletin PC104.				
	DB BAND HEATERS 342				
238000	DB-050772 240/480V 770W	ST	002	A	$87.00
238019	DB-054102 240/480V 1000W	NS	002	A	$90.00
238027	DB-060752 240/480V 750W	NS	002	A	$94.00
238035	DB-064102 240/480V 1000W	ST	002	A	$97.00
238043	DB-070102 240/480V 1000W	NS	002	A	$101.00
238297	DB-074122 240/480V 1250W	ST	002	A	$105.00
238051	DB-080122 240/480V 1200W	NS	002	A	$109.00
238060	DB-084162 240/480V 1600W	ST	003	A	$114.00
238078	DB-090152 240/480V 1500W	ST	003	A	$119.00
238300	DB-094172 240/480V 1700W	NS	003	A	$124.00
238318	DB-100182 240/480V 1800W	ST	003	A	$127.00
238086	DB-104122 240/480V 1200W	ST	003	A	$133.00
238326	DB-110202 240/480V 2000W	NS	003	A	$139.00
238334	DB-114212 240/480V 2100W	NS	003	A	$148.00
238342	DB-120232 240/480V 2300W	NS	003	A	$156.00
238094	DB-124152 240/480V 1500W	NS	003	A	$161.00
238350	DB-130242 240/480V 2400W	NS	004	A	$169.00
238369	DB-134272 240/480V 2700W	NS	004	A	$175.00
238377	DB-140262 240/480V 2600W	NS	004	A	$183.00
238385	DB-160272 240/480V 2700W	NS	005	A	$202.00
238393	DB-180282 240/480V 2800W	NS	005	A	$231.00
238406	DB-200302 240/480V 3000W	NS	006	A	$259.00
238414	DB-240362 240/480V 3600W	NS	006	A	$292.00
238422	DB-290402 240/480V 4000W	NS	009	A	$364.00
	DBW BAND HEATERS 343				
238107	DBW-050122 240/480V 1200W	NS	004	A	$114.00
238115	DBW-054132 240/480V 1325W	NS	004	A	$122.00
238123	DBW-060142 240/480V 1450W	NS	004	A	$128.00
238131	DBW-064152 240/480V 1525W	NS	004	A	$134.00
238140	DBW-070162 240/480V 1600W	NS	004	A	$142.00
238158	DBW-074182 240/480V 1800W	NS	004	A	$151.00
238166	DBW-080202 240/480V 2000W	ST	004	A	$158.00
238174	DBW-084222 240/480V 2250W	NS	004	A	$165.00
238182	DBW-090252 240/480V 2500W	NS	004	A	$172.00
238190	DBW-094262 240/480V 2650W	NS	004	A	$177.00
238203	DBW-100282 240/480V 2800W	NS	004	A	$184.00
238211	DBW-104292 240/480V 2950W	ST	004	A	$192.00
238220	DBW-110312 240/480V 3100W	NS	004	A	$198.00
238238	DBW-114322 240/480V 3250W	NS	004	A	$204.00
238246	DBW-120342 240/480V 3400W	NS	004	A	$211.00
238254	DBW-130362 240/480V 3600W	NS	005	A	$231.00
238262	DBW-140382 240/480V 3850W	NS	005	A	$239.00
238270	DBW-150402 240/480V 4000W	NS	005	A	$253.00
238289	DBW-160432 240/480V 4300W	NS	006	A	$269.00
	IMMERSION HEATER BOTTOM CLAMPED 421				
272321	TTUH-10A 120V1P 1.0KW	NS	003	A	$257.00
272330	TTUH-15A 120V1P 1.5KW	ST	003	A	$266.00
272348	TTUH-15A 208V1P 1.5KW	NS	003	A	$266.00
272356	TTUH-15A 240V1P 1.5KW	NS	003	A	$266.00
272364	TTUH-20A 120V1P 2.0KW	ST	003	A	$291.00
272372	TTUH-20A 208V1P 2.0KW	ST	003	A	$291.00
272380	TTUH-20A 240V1P 2.0KW	ST	003	A	$291.00
272399	TTUH-25A 120V1P 2.5KW	ST	003	A	$320.00
272401	TTUH-25A 208V1P 2.5KW	ST	003	A	$320.00
272410	TTUH-25A 240V1P 2.5KW	ST	003	A	$320.00
272428	TTUH-30A 120V1P 3.0KW	NS	003	A	$345.00
272436	TTUH-30A 208V1P 3.0KW	ST	003	A	$345.00
272444	TTUH-30A 240V1P 3.0KW	ST	003	A	$345.00
272452	TTUH-40A 120V1P 4.0KW	NS	003	A	$399.00
272460	TTUH-40A 208V1P 4.0KW	ST	003	A	$399.00
272479	TTUH-40A 240V1P 4.0KW	ST	000	A	$399.00
192583	TTUH-50 208V1P 5.0KW	ST	005	A	$457.00
192591	TTUH-50 240V1P 5.0KW	ST	005	A	$457.00
192604	TTUH-60 208V1P 6.0KW	ST	006	A	$492.00
192612	TTUH-60 240V1P 6.0KW	ST	006	A	$492.00
192620	TTUH-70 208V1P 7.0KW	NS	006	A	$528.00
192639	TTUH-70 240V1P 7.0KW	ST	006	A	$528.00
255943	TTUH-303 208V3P 3.0KW	ST	003	A	$488.00
255951	TTUH-303 240V3P 3.0KW	NS	003	A	$488.00
255960	TTUH-403 208V3P 4.0KW	ST	003	A	$504.00
255978	TTUH-403 240V3P 4.0KW	NS	003	A	$504.00
258511	TTUH-403 480V3P 4.0KW	NS	003	A	$504.00
255986	TTUH-503 208V3P 5.0KW	ST	005	A	$560.00
255994	TTUH-503 240V3P 5.0KW	ST	005	A	$560.00
256006	TTUH-603 208V3P 6.0KW	NS	006	A	$619.00
256014	TTUH-603 240V3P 6.0KW	ST	006	A	$619.00
258520	TTUH-603 480V3P 6.0KW	NS	007	A	$619.00
256022	TTUH-703 208V3P 7.0KW	ST	006	A	$639.00
256030	TTUH-703 240V3P 7.0KW	NS	006	A	$639.00
258423	TTUH-803 208V3P 8.0KW	NS	006	A	$683.00
258431	TTUH-803 240V3P 8.0KW	NS	006	A	$683.00
186052	TTUH-1203 240V3P 12.0KW	NS	006	A	$861.00
	TTUH IMMERSION HEATERS BOTTOM CLAMPED W/ CUTOUT 421				
186060	TTUH-CO-10 120V1P 1.0KW	NS	003	A	$472.00
186079	TTUH-CO-15 120V1P 1.5 KW	ST	003	A	$503.00
256049	TTUH-CO-15 208V1P 1.5KW	NS	003	A	$503.00
256057	TTUH-CO-15 240V1P 1.5KW	NS	003	A	$503.00
256065	TTUH-CO-20 208V1P 2.0KW	ST	003	A	$521.00
256073	TTUH-CO-20 240V1P 2.0KW	NS	003	A	$521.00
256081	TTUH-CO-25 208V1P 2.5KW	ST	003	A	$542.00
256090	TTUH-CO-25 240V1P 2.5KW	ST	003	A	$542.00
256102	TTUH-CO-30 208V1P 3.0KW	ST	003	A	$571.00
256110	TTUH-CO-30 240V1P 3.0KW	ST	003	A	$571.00
256129	TTUH-CO-40 208V1P 4.0KW	ST	004	A	$614.00
256137	TTUH-CO-40 240V1P 4.0KW	ST	004	A	$614.00
256145	TTUH-CO-50 208V1P 5.0KW	ST	005	A	$650.00
256153	TTUH-CO-50 240V1P 5.0KW	ST	005	A	$650.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
256161	TTUH-CO-60 208V1P 6.0KW	ST	006	A	$691.00
256170	TTUH-CO-60 240V1P 6.0KW	ST	006	A	$691.00
256188	TTUH-CO-70 240V1P 7.0KW	ST	006	A	$738.00
256444	TTUH-CO-303 208V3P 3.0KW	ST	004	A	$689.00
256452	TTUH-CO-303 240V3P 3.0KW	NS	004	A	$689.00
256479	TTUH-CO-403 208V3P 4.0KW	ST	004	A	$699.00
256487	TTUH-CO-403 240V3P 4.0KW	ST	004	A	$699.00
256508	TTUH-CO-503 208V3P 5.0KW	ST	005	A	$771.00
204150	TTUH-CO-503 480V3P 5.0KW	ST	005	A	$771.00
256516	TTUH-CO-503 240V3P 5.0KW	ST	005	A	$771.00
256532	TTUH-CO-603 208V3P 6.0KW	ST	005	A	$825.00
256540	TTUH-CO-603 240V3P 6.0KW	ST	005	A	$825.00
256559	TTUH-CO-703 208V3P 7.0KW	ST	000	A	$841.00
256567	TTUH-CO-703 240V3P 7.0KW	NS	005	A	$841.00
256575	TTUH-CO-703 480V3P 7.0KW	ST	005	A	$841.00
256583	TTUH-CO-803 208V3P 8.0KW	ST	006	A	$891.00
256591	TTUH-CO-803 240V3P 8.0KW	ST	006	A	$891.00
256604	TTUH-CO-803 480V3P 8.0KW	NS	006	A	$891.00
256612	TTUH-CO-903 208V3P 9.0KW	ST	006	A	$929.00
256620	TTUH-CO-903 240V3P 9.0KW	NS	006	A	$929.00
256639	TTUH-CO-903 480V3P 9.0KW	NS	006	A	$929.00
256647	TTUH-CO-1003 208V3P 10.0KW	ST	007	A	$938.00
256655	TTUH-CO-1003 240V3P 10.0KW	NS	007	A	$938.00
256663	TTUH-CO-1003 480V3P 10.0KW	NS	007	A	$938.00
256680	TTUH-CO-1203 240V3P 12.0KW	NS	007	A	$1078.00
256698	TTUH-CO-1203 480V3P 12.0KW	NS	007	A	$1078.00

TMO IMMERSION HEATERS STEEL ELEMENTS 23 WATTS/SQ.IN. 424

3 INCH 150 LB. STEEL FLANGE

196269	TMO-03-003P-E1 240V 1-1P 3kW	NS	016	A	$1630.00
180291	TMO-03-003P-E2 240V 1-1P 3kW	NS	016	A	$1850.00
196277	TMO-03-003P-E1 240V 1-3P 3kW	NS	016	A	$1630.00
180304	TMO-03-003P-E2 240V 1-3P 3kW	NS	016	A	$1850.00
196285	TMO-03-003P-E1 480V 1-1P 3kW	NS	016	A	$1630.00
180312	TMO-03-003P-E2 480V 1-1P 3kW	NS	016	A	$1850.00
196293	TMO-03-003P-E1 480V 1-3P 3kW	NS	016	A	$1630.00
180320	TMO-03-003P-E2 480V 1-3P 3kW	NS	016	A	$1850.00
196306	TMO-03-004P5-E1 240V 1-1P 4kW	NS	016	A	$1717.00
180339	TMO-03-004P5-E2 240V 1-1P 4kW	NS	016	A	$1937.00
196314	TMO-03-004P5-E1 240V 1-3P 4kW	NS	016	A	$1717.00
180347	TMO-03-004P5-E2 240V 1-3P 4kW	NS	016	A	$1937.00
196322	TMO-03-004P5-E1 480V 1-1P 4kW	NS	016	A	$1717.00
180355	TMO-03-004P5-E2 480V 1-1P 4kW	NS	016	A	$1937.00
196330	TMO-03-004P5-E1 480V 1-3P 4kW	NS	016	A	$1717.00
180363	TMO-03-004P5-E2 480V 1-3P 4kW	NS	016	A	$1937.00
196349	TMO-03-006P-E1 240V 1-1P 6kW	NS	018	A	$1812.00
180371	TMO-03-006P-E2 240V 1-1P 6kW	NS	018	A	$2032.00
196357	TMO-03-006P-E1 240V 1-3P 6kW	NS	018	A	$1812.00
180380	TMO-03-006P-E2 240V 1-3P 6kW	NS	018	A	$2032.00
196365	TMO-03-006P-E1 480V 1-1P 6kW	NS	018	A	$1812.00
180398	TMO-03-006P-E2 480V 1-1P 6kW	NS	018	A	$2032.00
196373	TMO-03-006P-E1 480V 1-3P 6kW	NS	018	A	$1812.00
180400	TMO-03-006P-E2 480V 1-3P 6kW	NS	018	A	$2032.00
196402	TMO-03-007P5-E1 480V 1-1P 7kW	NS	019	A	$1903.00
180435	TMO-03-007P5-E2 480V 1-1P 7kW	NS	019	A	$2123.00
196410	TMO-03-007P5-E1 480V 1-3P 7kW	NS	019	A	$1903.00
180443	TMO-03-007P5-E2 480V 1-3P 7kW	NS	019	A	$2123.00

PCN	DESCRIPTION	SS	WT	D	PRICE
196429	TMO-03-009P-E1 240V 1-1P 9kW	NS	020	A	$1994.00
180451	TMO-03-009P-E2 240V 1-1P 9kW	NS	020	A	$2214.00
196437	TMO-03-009P-E1 240V 1-3P 9kW	NS	019	A	$1994.00
180460	TMO-03-009P-E2 240V 1-3P 9kW	NS	020	A	$2214.00
196445	TMO-03-009P-E1 480V 1-1P 9kW	NS	020	A	$1994.00
180478	TMO-03-009P-E2 480V 1-1P 9kW	NS	020	A	$2214.00
196453	TMO-03-009P-E1 480V 1-3P 9kW	NS	019	A	$1994.00
180486	TMO-03-009P-E2 480V 1-3P 9kW	NS	020	A	$2214.00

5 INCH 150 LB. STEEL FLANGE

196710	TMO-06-006P-E1 240V 1-3P 6kW	NS	027	A	$2534.00
196736	TMO-06-006P-E1 480V 1-3P 6kW	NS	027	A	$2534.00
177607	TMO-06-006P-E2 240V 1-3P 6kW	NS	030	A	$3023.00
177623	TMO-06-006P-E2 480V 1-3P 6kW	NS	030	A	$3023.00
177631	TMO-06-006P-E4 240V 1-3P 6kW	NS	030	A	$3023.00
177615	TMO-06-006P-E4 480V 1-3P 6kW	NS	030	A	$3023.00
196752	TMO-06-007P5-E1 240V 1-3P 7kW	NS	030	A	$2566.00
196779	TMO-06-007P5-E1 480V 1-3P 7kW	NS	030	A	$2566.00
177640	TMO-06-007P5-E2 240V 1-3P 7kW	NS	033	A	$3055.00
177666	TMO-06-007P5-E2 480V 1-3P 7kW	NS	033	A	$3055.00
177658	TMO-06-007P5-E4 240V 1-3P 7kW	NS	033	A	$3055.00
177674	TMO-06-007P5-E4 480V 1-3P 7kW	NS	033	A	$3055.00
181614	TMO-06-009P-E2 240V 1-3P 9kW	NS	032	A	$3197.00
181622	TMO-06-009P-E4 240V 1-3P 9kW	NS	032	A	$3197.00
181630	TMO-06-009P-E2 480V 1-3P 9kW	NS	032	A	$3197.00
181649	TMO-06-009P-E4 480V 1-3P 9kW	NS	032	A	$3197.00
196816	TMO-06-009P-E1 480V 1-3P 9kW	NS	032	A	$2708.00
196795	TMO-06-009P-E1 240V 1-3P 9kW	NS	032	A	$2708.00
196832	TMO-06-012P-E1 240V 1-3P 12kW	NS	033	A	$2898.00
181657	TMO-06-012P-E2 240V 1-3P 12kW	NS	033	A	$3387.00
181665	TMO-06-012P-E4 240V 1-3P 12kW	NS	033	A	$3387.00
196859	TMO-06-012P-E1 480V 1-3P 12kW	NS	033	A	$2898.00
181673	TMO-06-012P-E2 480V 1-3P 12kW	NS	033	A	$3387.00
181681	TMO-06-012P-E4 480V 1-3P 12kW	NS	033	A	$3387.00
196875	TMO-06-015P-E1 240V 1-3P 15kW	NS	035	A	$3081.00
181690	TMO-06-015P-E2 240V 1-3P 15kW	NS	035	A	$3570.00
181702	TMO-06-015P-E4 240V 1-3P 15kW	NS	035	A	$3570.00
196891	TMO-06-015P-E1 480V 1-3P 15kW	NS	035	A	$3081.00
181729	TMO-06-015P-E4 480V 1-3P 15kW	NS	035	A	$3570.00
181710	TMO-06-015P-E2 480V 1-3P 15kW	NS	035	A	$3570.00
196912	TMO-06-020P-E1 240V 2-3P 20kW	NS	038	A	$3362.00
181737	TMO-06-020P-E2 240V 2-3P 20kW	NS	038	A	$3851.00
181745	TMO-06-020P-E4 240V 2-3P 20kW	NS	038	A	$3851.00
196939	TMO-06-020P-E1 480V 1-3P 20kW	ST	038	A	$3362.00
181753	TMO-06-020P-E2 480V 1-3P 20kW	NS	038	A	$3851.00
181761	TMO-06-020P-E4 480V 1-3P 20kW	NS	038	A	$3851.00
181770	TMO-06-025P-E1 240V 2-3P 25kW	NS	042	A	$3677.00
181788	TMO-06-025P-E2 240V 2-3P 25kW	NS	042	A	$4166.00
181796	TMO-06-025P-E4 240V 2-3P 25kW	NS	042	A	$4166.00
181809	TMO-06-025P-E1 480V 1-3P 25kW	NS	042	A	$3677.00
181817	TMO-06-025P-E2 480V 1-3P 25kW	NS	042	A	$4166.00
181825	TMO-06-025P-E4 480V 1-3P 25kW	NS	042	A	$4166.00
181833	TMO-06-030P-E1 240V 2-3P 30kW	NS	046	A	$3992.00
181841	TMO-06-030P-E2 240V 2-3P 30kW	NS	046	A	$4481.00
181850	TMO-06-030P-E4 240V 2-3P 30kW	NS	046	A	$4481.00
181868	TMO-06-030P-E1 480V 1-3P 30kW	NS	046	A	$3992.00
181876	TMO-06-030P-E2 480V 1-3P 30kW	NS	046	A	$4481.00
181884	TMO-06-030P-E4 480V 1-3P 30kW	NS	046	A	$4481.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
TMO IMMERSION HEATERS STEEL ELEMENTS 23 WATTS/SQ.IN. 428						
6 INCH 150 LB. STEEL FLANGE						
196947	TMO-12-018P-E1	240V 1-3P 18kW	NS	067	A	$4187.00
290650	TMO-12-018P-E2	240V 1-3P 18kW	NS	067	A	$5128.00
290669	TMO-12-018P-E4	240V 1-3P 18kW	NS	067	A	$4913.00
196963	TMO-12-018P-E1	480V 1-3P 18kW	NS	067	A	$4187.00
290677	TMO-12-018P-E2	480V 1-3P 18kW	NS	067	A	$5128.00
290685	TMO-12-018P-E4	480V 1-3P 18kW	NS	067	A	$4913.00
196998	TMO-12-024P-E1	240V 2-3P 24kW	NS	076	A	$4568.00
290693	TMO-12-024P-E2	240V 2-3P 24kW	NS	076	A	$5509.00
290706	TMO-12-024P-E4	240V 2-3P 24kW	NS	076	A	$5294.00
196971	TMO-12-024P-E1	480V 1-3P 24kW	NS	076	A	$4568.00
290714	TMO-12-024P-E2	480V 1-3P 24kW	NS	076	A	$5509.00
290722	TMO-12-024P-E4	480V 1-3P 24kW	NS	076	A	$5294.00
197000	TMO-12-030P-E1	240V 2-3P 30kW	NS	084	A	$4933.00
290730	TMO-12-030P-E2	240V 2-3P 30kW	NS	084	A	$5873.00
290749	TMO-12-030P-E4	240V 2-3P 30kW	NS	084	A	$5659.00
197018	TMO-12-030P-E1	480V 1-3P 30kW	NS	084	A	$4933.00
290757	TMO-12-030P-E2	480V 1-3P 30kW	NS	084	A	$5873.00
290765	TMO-12-030P-E4	480V 1-3P 30kW	NS	084	A	$5659.00
197034	TMO-12-036P-E1	240V 2-3P 36kW	NS	111	A	$5297.00
290773	TMO-12-036P-E2	240V 2-3P 36kW	NS	111	A	$6238.00
290781	TMO-12-036P-E4	240V 2-3P 36kW	NS	111	A	$6023.00
197050	TMO-12-036P-E1	480V 1-3P 36kW	NS	111	A	$5297.00
290790	TMO-12-036P-E2	480V 1-3P 36kW	NS	111	A	$6238.00
290802	TMO-12-036P-E4	480V 1-3P 36kW	NS	111	A	$6023.00
8 INCH 150 LB STEEL FLANGE						
197181	TMO-18-030P-E1	240V 3-3P 30kW	NS	112	A	$6392.00
291178	TMO-18-030P-E2	240V 3-3P 30kW	NS	112	A	$7546.00
291186	TMO-18-030P-E4	240V 3-3P 30kW	NS	112	A	$7283.00
197202	TMO-18-030P-E1	480V 3-3P 30kW	NS	112	A	$6392.00
291194	TMO-18-030P-E2	480V 3-3P 30kW	NS	112	A	$7546.00
291207	TMO-18-030P-E4	480V 3-3P 30kW	NS	112	A	$7283.00
197210	TMO-18-040P-E1	240V 3-3P 40kW	NS	125	A	$7167.00
291215	TMO-18-040P-E2	240V 3-3P 40kW	NS	125	A	$8321.00
291223	TMO-18-040P-E4	240V 3-3P 40kW	NS	125	A	$8058.00
197237	TMO-18-040P-E1	480V 3-3P 40kW	NS	125	A	$7167.00
291231	TMO-18-040P-E2	480V 3-3P 40kW	NS	125	A	$8321.00
291240	TMO-18-040P-E4	480V 3-3P 40kW	NS	125	A	$8058.00
197245	TMO-18-050P-E1	240V 3-3P 50kW	NS	130	A	$7765.00
291258	TMO-18-050P-E2	240V 3-3P 50kW	NS	130	A	$8919.00
291266	TMO-18-050P-E4	240V 3-3P 50kW	NS	130	A	$8656.00
197261	TMO-18-050P-E1	480V 3-3P 50kW	NS	130	A	$7765.00
291274	TMO-18-050P-E2	480V 3-3P 50kW	NS	130	A	$8919.00
291282	TMO-18-050P-E4	480V 3-3P 50kW	NS	130	A	$8656.00
291290	TMO-18-060P-E1	240V 3-3P 60kW	NS	136	A	$8451.00
291303	TMO-18-060P-E2	240V 3-3P 60kW	NS	136	A	$9605.00
291311	TMO-18-060P-E4	240V 3-3P 60kW	NS	136	A	$9342.00
291320	TMO-18-060P-E1	480V 3-3P 60kW	NS	136	A	$8451.00
291338	TMO-18-060P-E2	480V 3-3P 60kW	NS	136	A	$9605.00
291346	TMO-18-060P-E4	480V 3-3P 60kW	NS	136	A	$9342.00
291354	TMO-18-070P-E1	240V 3-3P 70kW	NS	142	A	$9070.00
291362	TMO-18-070P-E2	240V 3-3P 70kW	NS	142	A	$10224.00
291370	TMO-18-070P-E4	240V 3-3P 70kW	NS	142	A	$9961.00
291389	TMO-18-070P-E1	480V 3-3P 70kW	NS	142	A	$9070.00
291397	TMO-18-070P-E2	480V 3-3P 70kW	NS	142	A	$10224.00
291400	TMO-18-070P-E4	480V 3-3P 70kW	NS	142	A	$9961.00
291418	TMO-18-080P-E1	240V 3-3P 80kW	NS	147	A	$9722.00
291426	TMO-18-080P-E2	240V 3-3P 80kW	NS	147	A	$10876.00
291434	TMO-18-080P-E4	240V 3-3P 80kW	NS	147	A	$10613.00
291442	TMO-18-080P-E1	480V 3-3P 80kW	NS	147	A	$9722.00
291450	TMO-18-080P-E2	480V 3-3P 80kW	NS	147	A	$10876.00
291469	TMO-18-080P-E4	480V 3-3P 80kW	NS	147	A	$10613.00
TMO IMMERSION HEATERS STEEL ELEMENTS 20 WATTS/SQ.IN. 432						
10 INCH 150 LB. STEEL FLANGE						
197368	TMO-27-045P-E1	240V 3-3P 45kW	NS	135	A	$9000.00
291477	TMO-27-045P-E2	240V 3-3P 45kW	NS	135	A	$10368.00
291485	TMO-27-045P-E4	240V 3-3P 45kW	NS	135	A	$10056.00
197376	TMO-27-045P-E1	480V 3-3P 45kW	NS	135	A	$9000.00
291493	TMO-27-045P-E2	480V 3-3P 45kW	NS	135	A	$10368.00
291506	TMO-27-045P-E4	480V 3-3P 45kW	NS	135	A	$10056.00
197384	TMO-27-060P-E1	240V 3-3P 60kW	NS	165	A	$10163.00
291514	TMO-27-060P-E2	240V 3-3P 60kW	NS	165	A	$11531.00
291522	TMO-27-060P-E4	240V 3-3P 60kW	NS	165	A	$11219.00
197392	TMO-27-060P-E1	480V 3-3P 60kW	NS	165	A	$10163.00
291530	TMO-27-060P-E2	480V 3-3P 60kW	NS	165	A	$11531.00
291549	TMO-27-060P-E4	480V 3-3P 60kW	NS	165	A	$11219.00
197405	TMO-27-075P-E1	240V 3-3P 75kW	NS	200	A	$11059.00
291557	TMO-27-075P-E2	240V 3-3P 75kW	NS	200	A	$12427.00
291565	TMO-27-075P-E4	240V 3-3P 75kW	NS	200	A	$12115.00
197413	TMO-27-075P-E1	480V 3-3P 75kW	NS	200	A	$11059.00
291573	TMO-27-075P-E2	480V 3-3P 75kW	NS	200	A	$12427.00
291581	TMO-27-075P-E4	480V 3-3P 75kW	NS	200	A	$12115.00
12 INCH 150LB. STEEL FLANGE						
197421	TMO-36-060P-E1	240V 3-3P 60kW	NS	175	A	$11667.00
291590	TMO-36-060P-E2	240V 3-3P 60kW	NS	175	A	$13291.00
291602	TMO-36-060P-E4	240V 3-3P 60kW	NS	175	A	$12921.00
197430	TMO-36-060P-E1	480V 3-3P 60kW	NS	175	A	$11667.00
291610	TMO-36-060P-E2	480V 3-3P 60kW	NS	175	A	$13291.00
291629	TMO-36-060P-E4	480V 3-3P 60kW	NS	175	A	$12921.00
197448	TMO-36-080P-E1	240V 3-3P 80kW	NS	210	A	$13216.00
291637	TMO-36-080P-E2	240V 3-3P 80kW	NS	210	A	$14841.00
291645	TMO-36-080P-E4	240V 3-3P 80kW	NS	210	A	$14470.00
197456	TMO-36-080P-E1	480V 3-3P 80kW	NS	210	A	$13216.00
291653	TMO-36-080P-E2	480V 3-3P 80kW	NS	210	A	$14841.00
291661	TMO-36-080P-E4	480V 3-3P 80kW	NS	210	A	$14470.00
197464	TMO-36-100P-E1	240V 3-3P 100kW	NS	250	A	$14412.00
291670	TMO-36-100P-E2	240V 3-3P 100kW	NS	250	A	$16036.00
291688	TMO-36-100P-E4	240V 3-3P 100kW	NS	250	A	$15666.00
197472	TMO-36-100P-E1	480V 3-3P 100kW	NS	250	A	$14412.00
291696	TMO-36-100P-E2	480V 3-3P 100kW	NS	250	A	$16036.00
291709	TMO-36-100P-E4	480V 3-3P 100kW	NS	250	A	$15666.00
14 INCH 150LB. STEEL FLANGE						
197480	TMO-45-075P-E1	240V 3-3P 75kW	NS	195	A	$14193.00
093930	TMO-45-075P-E2	240V 3-3P 75kW	NS	205	A	$15989.00
093999	TMO-45-075P-E4	240V 3-3P 75kW	NS	205	A	$15579.00
197499	TMO-45-075P-E1	480V 3-3P 75kW	NS	195	A	$14193.00
093948	TMO-45-075P-E2	480V 3-3P 75kW	NS	205	A	$15989.00
094000	TMO-45-075P-E4	480V 3-3P 75kW	NS	205	A	$15579.00
197501	TMO-45-100P-E1	240V 3-3P 100kW	NS	225	A	$16131.00
093956	TMO-45-100P-E2	240V 3-3P 100kW	NS	235	A	$17926.00
096129	TMO-45-100P-E4	240V 3-3P 100kW	NS	235	A	$17517.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
197510	TMO-45-100P-E1	480V 3-3P 100kW	NS	225	A	$16131.00
093964	TMO-45-100P-E2	480V 3-3P 100kW	NS	235	A	$17926.00
096137	TMO-45-100P-E4	480V 3-3P 100kW	NS	235	A	$17517.00
197528	TMO-45-125P-E1	240V 3-3P 125kW	NS	270	A	$17625.00
093972	TMO-45-125P-E2	240V 3-3P 125kW	NS	280	A	$19420.00
096145	TMO-45-125P-E4	240V 3-3P 125kW	NS	280	A	$19011.00
197536	TMO-45-125P-E1	480V 3-3P 125kW	NS	270	A	$17625.00
093980	TMO-45-125P-E2	480V 3-3P 125kW	NS	280	A	$19420.00
096153	TMO-45-125P-E4	480V 3-3P 125kW	NS	280	A	$19011.00

FLANGE IMMERSION STEEL ELEMENTS 15 WATTS/SQ.IN. 424

3 INCH 150 LB. STEEL FLANGE

180558	TMO-03-003P-E1	240V 1-1P 3kW	NS	016	A	$1710.00
180566	TMO-03-003P-E2	240V 1-1P 3kW	NS	016	A	$1930.00
180574	TMO-03-003P-E1	240V 1-3P 3kW	NS	016	A	$1710.00
180582	TMO-03-003P-E2	240V 1-3P 3kW	NS	016	A	$1930.00
180590	TMO-03-003P-E1	480V 1-1P 3kW	NS	016	A	$1710.00
180603	TMO-03-003P-E2	480V 1-1P 3kW	NS	016	A	$1930.00
180611	TMO-03-003P-E1	480V 1-3P 3kW	NS	016	A	$1710.00
180620	TMO-03-003P-E2	480V 1-3P 3kW	NS	016	A	$1930.00
180638	TMO-03-004P-E1	240V 1-1P 4kW	NS	018	A	$1803.00
180646	TMO-03-004P-E2	240V 1-1P 4kW	NS	018	A	$2023.00
180654	TMO-03-004P-E1	240V 1-3P 4kW	NS	018	A	$1803.00
180662	TMO-03-004P-E2	240V 1-3P 4kW	NS	018	A	$2023.00
180670	TMO-03-004P-E1	480V 1-1P 4kW	NS	018	A	$1803.00
180689	TMO-03-004P-E2	480V 1-1P 4kW	NS	018	A	$2023.00
180697	TMO-03-004P-E1	480V 1-3P 4kW	NS	018	A	$1803.00
180700	TMO-03-004P-E2	480V 1-3P 4kW	NS	018	A	$2023.00
180718	TMO-03-006P-E1	240V 1-1P 6kW	NS	019	A	$1981.00
180726	TMO-03-006P-E2	240V 1-1P 6kW	NS	019	A	$2201.00
180734	TMO-03-006P-E1	240V 1-3P 6kW	NS	019	A	$1981.00
180742	TMO-03-006P-E2	240V 1-3P 6kW	NS	019	A	$2201.00
180750	TMO-03-006P-E1	480V 1-1P 6kW	NS	019	A	$1981.00
180769	TMO-03-006P-E2	480V 1-1P 6kW	NS	019	A	$2201.00
180777	TMO-03-006P-E1	480V 1-3P 6kW	NS	019	A	$1981.00
180785	TMO-03-006P-E2	480V 1-3P 6kW	NS	019	A	$2201.00
180785	TMO-03-006P-E2	480V 1-3P 6kW	NS	019	A	$2201.00

5 INCH 150 LB. STEEL FLANGE

181956	TMO-06-008P-E1	240V 1-3P 8kW	NS	033	A	$2880.00
181964	TMO-06-008P-E2	240V 1-3P 8kW	NS	033	A	$3369.00
181972	TMO-06-008P-E4	240V 1-3P 8kW	NS	033	A	$3369.00
181980	TMO-06-008P-E1	480V 1-3P 8kW	NS	033	A	$2880.00
181999	TMO-06-008P-E2	480V 1-3P 8kW	NS	033	A	$3369.00
182000	TMO-06-008P-E4	480V 1-3P 8kW	NS	033	A	$3369.00
182019	TMO-06-010P-E1	240V 1-3P 10kW	NS	034	A	$3058.00
182043	TMO-06-010P-E1	480V 1-3P 10kW	NS	034	A	$3058.00
182027	TMO-06-010P-E2	240V 1-3P 10kW	NS	034	A	$3547.00
182035	TMO-06-010P-E4	240V 1-3P 10kW	NS	034	A	$3547.00
182051	TMO-06-010P-E2	480V 1-3P 10kW	NS	034	A	$3547.00
182060	TMO-06-010P-E4	480V 1-3P 10kW	NS	034	A	$3547.00
182078	TMO-06-012P-E1	240V 1-3P 12kW	NS	037	A	$3236.00
182086	TMO-06-012P-E2	240V 1-3P 12kW	NS	037	A	$3725.00
182094	TMO-06-012P-E4	240V 1-3P 12kW	NS	037	A	$3725.00
182107	TMO-06-012P-E1	480V 1-3P 12kW	NS	037	A	$3236.00
182115	TMO-06-012P-E2	480V 1-3P 12kW	NS	037	A	$3725.00
182123	TMO-06-012P-E4	480V 1-3P 12kW	NS	037	A	$3725.00
182131	TMO-06-015P-E1	240V 1-3P 15kW	NS	040	A	$3452.00
182140	TMO-06-015P-E2	240V 1-3P 15kW	NS	040	A	$3941.00
182158	TMO-06-015P-E4	240V 1-3P 15kW	NS	040	A	$3941.00
182166	TMO-06-015P-E1	480V 1-3P 15kW	NS	040	A	$3452.00
182174	TMO-06-015P-E2	480V 1-3P 15kW	NS	040	A	$3941.00
182182	TMO-06-015P-E4	480V 1-3P 15kW	NS	040	A	$3941.00
182190	TMO-06-018P-E1	240V 1-3P 18kW	NS	043	A	$3713.00
182203	TMO-06-018P-E2	240V 1-3P 18kW	NS	043	A	$4202.00
182211	TMO-06-018P-E4	240V 1-3P 18kW	NS	043	A	$4202.00
182220	TMO-06-018P-E1	480V 1-3P 18kW	NS	043	A	$3713.00
182238	TMO-06-018P-E2	480V 1-3P 18kW	NS	043	A	$4202.00
182246	TMO-06-018P-E4	480V 1-3P 18kW	NS	043	A	$4202.00

TMO IMMERSION HEATERS 428

6 INCH 150 LB. STEEL FLANGE

234405	TMO-12-012P-E1	240V 1-3P 12kW	NS	067	A	$4160.00
234413	TMO-12-012P-E1	480V 1-3P 12kW	NS	067	A	$4160.00
234510	TMO-12-012P-E2	240V 1-3P 12kW	NS	073	A	$5101.00
234528	TMO-12-012P-E2	480V 1-3P 12kW	NS	073	A	$5101.00
234560	TMO-12-012P-E4	240V 1-3P 12kW	NS	074	A	$4886.00
234579	TMO-12-012P-E4	480V 1-3P 12kW	NS	074	A	$4886.00
234421	TMO-12-016P-E1	240V 1-3P 16kW	NS	076	A	$4532.00
234430	TMO-12-016P-E1	480V 1-3P 16kW	NS	076	A	$4532.00
234480	TMO-12-016P-E2	480V 1-3P 16kW	NS	080	A	$5473.00
234536	TMO-12-016P-E2	240V 1-3P 16kW	NS	080	A	$5473.00
234587	TMO-12-016P-E4	240V 1-3P 16kW	NS	081	A	$5258.00
234595	TMO-12-016P-E4	480V 1-3P 16kW	NS	081	A	$5258.00
234448	TMO-12-020P-E1	240V 2-3P 20kW	NS	084	A	$4888.00
234456	TMO-12-020P-E1	480V 1-3P 20kW	NS	084	A	$4888.00
234499	TMO-12-020P-E2	240V 2-3P 20kW	NS	090	A	$5828.00
234501	TMO-12-020P-E2	480V 1-3P 20kW	NS	090	A	$5828.00
234608	TMO-12-020P-E4	240V 2-3P 20kW	NS	091	A	$5614.00
234616	TMO-12-020P-E4	480V 1-3P 20kW	NS	091	A	$5614.00
234464	TMO-12-024P-E1	240V 2-3P 24kW	NS	111	A	$5243.00
234472	TMO-12-024P-E1	480V 1-3P 24kW	NS	111	A	$5243.00
234544	TMO-12-024P-E2	240V 2-3P 24kW	NS	117	A	$6184.00
234552	TMO-12-024P-E2	480V 1-3P 24kW	NS	117	A	$6184.00
234624	TMO-12-024P-E4	240V 2-3P 24kW	NS	118	A	$5969.00
234632	TMO-12-024P-E4	480V 1-3P 24kW	NS	118	A	$5969.00

8 INCH 150 LB. STEEL FLANGE

290810	TMO-18-020P-E1	240V 3-3P 20kW	NS	112	A	$6347.00
290829	TMO-18-020P-E2	240V 3-3P 20kW	NS	112	A	$7501.00
290837	TMO-18-020P-E4	240V 3-3P 20kW	NS	112	A	$7238.00
290845	TMO-18-020P-E1	480V 3-3P 20kW	NS	112	A	$6347.00
290853	TMO-18-020P-E2	480V 3-3P 20kW	NS	112	A	$7501.00
290861	TMO-18-020P-E4	480V 3-3P 20kW	NS	112	A	$7238.00
290870	TMO-18-025P-E1	240V 3-3P 25kW	NS	125	A	$7099.00
290888	TMO-18-025P-E2	240V 3-3P 25kW	NS	125	A	$8254.00
290896	TMO-18-025P-E4	240V 3-3P 25kW	NS	125	A	$7990.00
290909	TMO-18-025P-E1	480V 3-3P 25kW	NS	125	A	$7099.00
290917	TMO-18-025P-E2	480V 3-3P 25kW	NS	125	A	$8254.00
290925	TMO-18-025P-E4	480V 3-3P 25kW	NS	125	A	$7990.00
290933	TMO-18-030P-E1	240V 3-3P 30kW	NS	130	A	$7675.00
290941	TMO-18-030P-E2	240V 3-3P 30kW	NS	130	A	$8829.00
290950	TMO-18-030P-E4	240V 3-3P 30kW	NS	130	A	$8566.00
290968	TMO-18-030P-E1	480V 3-3P 30kW	NS	130	A	$7675.00
290976	TMO-18-030P-E2	480V 3-3P 30kW	NS	130	A	$8829.00
290984	TMO-18-030P-E4	480V 3-3P 30kW	NS	130	A	$8566.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
290992	TMO-18-035P-E1 240V 3-3P 35kW	NS	136	A	$8338.00
291004	TMO-18-035P-E2 240V 3-3P 35kW	NS	136	A	$9493.00
291012	TMO-18-035P-E4 240V 3-3P 35kW	NS	136	A	$9229.00
291020	TMO-18-035P-E1 480V 3-3P 35kW	NS	136	A	$8338.00
291039	TMO-18-035P-E2 480V 3-3P 35kW	NS	136	A	$9493.00
291047	TMO-18-035P-E4 480V 3-3P 35kW	NS	136	A	$9229.00
291055	TMO-18-040P-E1 240V 3-3P 40kW	NS	142	A	$8935.00
291063	TMO-18-040P-E2 240V 3-3P 40kW	NS	142	A	$10089.00
291071	TMO-18-040P-E4 240V 3-3P 40kW	NS	142	A	$9826.00
291080	TMO-18-040P-E1 480V 3-3P 40kW	NS	142	A	$8935.00
291098	TMO-18-040P-E2 480V 3-3P 40kW	NS	142	A	$10089.00
291100	TMO-18-040P-E4 480V 3-3P 40kW	NS	142	A	$9826.00
291119	TMO-18-045P-E1 240V 3-3P 45kW	NS	147	A	$9565.00
291127	TMO-18-045P-E2 240V 3-3P 45kW	NS	147	A	$10719.00
291135	TMO-18-045P-E4 240V 3-3P 45kW	NS	147	A	$10456.00
291143	TMO-18-045P-E1 480V 3-3P 45kW	NS	147	A	$9565.00
291151	TMO-18-045P-E2 480V 3-3P 45kW	NS	147	A	$10719.00
291160	TMO-18-045P-E4 480V 3-3P 45kW	NS	147	A	$10456.00

TMO IMMERSION HEATERS STEEL ELEMENTS 15 WATTS/SQ.IN. 438

BUILT-IN THERMOSTAT 50-250°F OIL RESERVOIR HEATER ER/LT

3 INCH 150 LB. STEEL FLANGE

326166	TMO-30315E2T93 240V3P 3.0KW	NS	024	A	$2190.00
326174	TMO-30315E2T2 480V3P 3.0KW	NS	024	A	$2190.00
326182	TMO-30415E2T93 240V3P 4.0KW	NS	025	A	$2280.00
326190	TMO-30415E2T2 480V3P 4.0KW	NS	025	A	$2280.00
326203	TMO-30615E2T93 240V3P 6.0KW	NS	029	A	$2450.00
326211	TMO-30615E2T2 480V3P 6.0KW	NS	029	A	$2450.00

TMO IMMERSION HEATERS STEEL ELEMENTS 6.5 W/SQ.IN. 424

3 INCH 150 LB. STEEL FLANGE

179223	TMO-03-001P2-E1 240V 1-3P 1kW	NS	016	A	$1702.00
031421	TMO-03-001P2-E2 240V 1-3P 1kW	NS	020	A	$1922.00
179274	TMO-03-001P6.5-E1 240V 1-3P 1kW	NS	018	A	$1792.00
031430	TMO-03-001P6.5-E2 240V 1-3P 1kW	NS	022	A	$2012.00
179320	TMO-03-002P1-E1 240V 1-3P 2kW	NS	019	A	$1879.00
031448	TMO-03-002P1-E2 240V 1-3P 2kW	NS	023	A	$2099.00
179346	TMO-03-002P1-E1 480V 1-3P 2kW	NS	019	A	$1879.00
031456	TMO-03-002P1-E2 480V 1-3P 2kW	NS	023	A	$2099.00
179389	TMO-03-002P4.8-E1 240V 1-3P 2kW	NS	019	A	$1965.00
031464	TMO-03-002P4.8-E2 240V 1-3P 2kW	NS	023	A	$2185.00

5 INCH 150 LB. STEEL FLANGE

031472	TMO-06-001P5-E2 240V 1-3P 1kW	NS	031	A	$3003.00
179469	TMO-06-001P5-E1 240V 1-3P 1kW	NS	027	A	$2514.00
031667	TMO-06-001P5-E4 240V 1-3P 1kW	NS	031	A	$3003.00
179514	TMO-06-001P8-E1 240V 1-3P 1kW	NS	030	A	$2554.00
031480	TMO-06-001P8-E2 240V 1-3P 1kW	NS	034	A	$3043.00
031675	TMO-06-001P8-E4 240V 1-3P 1kW	NS	034	A	$3043.00
179565	TMO-06-002P4-E1 240V 1-3P 2kW	NS	032	A	$2678.00
031499	TMO-06-002P4-E2 240V 1-3P 2kW	NS	036	A	$3167.00
031683	TMO-06-002P4-E4 240V 1-3P 2kW	NS	036	A	$3167.00
179610	TMO-06-003P3-E1 240V 1-3P 3kW	NS	033	A	$2859.00
031501	TMO-06-003P3-E2 240V 1-3P 3kW	NS	037	A	$3348.00
031510	TMO-06-003P3-E2 480V 1-3P 3kW	NS	037	A	$3348.00
031691	TMO-06-003P3-E4 240V 1-3P 3kW	NS	037	A	$3348.00
031704	TMO-06-003P3-E4 480V 1-3P 3kW	NS	037	A	$3348.00
179637	TMO-06-003P3-E1 480V 1-3P 3kW	NS	033	A	$2859.00
179688	TMO-06-004P2-E1 240V 1-3P 4kW	NS	035	A	$3032.00
179709	TMO-06-004P2-E1 480V 1-3P 4kW	NS	035	A	$3032.00
031528	TMO-06-004P2-E2 240V 1-3P 4kW	NS	039	A	$3521.00
031536	TMO-06-004P2-E2 480V 1-3P 4kW	NS	039	A	$3521.00
031712	TMO-06-004P2-E4 240V 1-3P 4kW	NS	039	A	$3521.00
031720	TMO-06-004P2-E4 480V 1-3P 4kW	NS	039	A	$3521.00
179741	TMO-06-004P9.5-E1 240V 1-3P 4kW	NS	037	A	$3204.00
179768	TMO-06-004P9.5-E1 480V 1-3P 4kW	NS	037	A	$3204.00
031544	TMO-06-004P9.5-E2 240V 1-3P 4kW	NS	042	A	$3693.00
031552	TMO-06-004P9.5-E2 480V 1-3P 4kW	NS	042	A	$3693.00
031739	TMO-06-004P9.5-E4 240V 1-3P 4kW	NS	042	A	$3693.00
031747	TMO-06-004P9.5-E4 480V 1-3P 4kW	NS	042	A	$3693.00
179784	TMO-06-005P4-E1 240V 1-3P 5kW	NS	038	A	$3296.00
179805	TMO-06-005P4-E1 480V 1-3P 5kW	NS	038	A	$3296.00
031560	TMO-06-005P4-E2 240V 1-3P 5kW	NS	042	A	$3785.00
031579	TMO-06-005P4-E2 480V 1-3P 5kW	NS	042	A	$3785.00
031755	TMO-06-005P4-E4 240V 1-3P 5kW	NS	042	A	$3785.00
031763	TMO-06-005P4-E4 480V 1-3P 5kW	NS	042	A	$3785.00
179821	TMO-06-006P-E1 240V 1-3P 6kW	NS	040	A	$3441.00
179848	TMO-06-006P-E1 480V 1-3P 6kW	NS	040	A	$3441.00
031587	TMO-06-006P-E2 240V 1-3P 6kW	NS	045	A	$3930.00
031595	TMO-06-006P-E2 480V 1-3P 6kW	NS	045	A	$3930.00
031771	TMO-06-006P-E4 240V 1-3P 6kW	NS	045	A	$3930.00
031780	TMO-06-006P-E4 480V 1-3P 6kW	NS	045	A	$3930.00
179864	TMO-06-006P9-E1 240V 1-3P 6kW	NS	042	A	$3595.00
179880	TMO-06-006P9-E1 480V 1-3P 6kW	NS	042	A	$3595.00
031608	TMO-06-006P9-E2 240V 1-3P 6kW	NS	048	A	$4084.00
031616	TMO-06-006P9-E2 480V 1-3P 6kW	NS	048	A	$4084.00
031798	TMO-06-006P9-E4 240V 1-3P 6kW	NS	048	A	$4084.00
031800	TMO-06-006P9-E4 480V 1-3P 6kW	NS	048	A	$4084.00
179901	TMO-06-007P2-E1 240V 1-3P 7kW	NS	043	A	$3677.00
179928	TMO-06-007P2-E1 480V 1-3P 7kW	NS	043	A	$3677.00
031624	TMO-06-007P2-E2 240V 1-3P 7kW	NS	048	A	$4166.00
031632	TMO-06-007P2-E2 480V 1-3P 7kW	NS	048	A	$4166.00
031819	TMO-06-007P2-E4 240V 1-3P 7kW	NS	048	A	$4166.00
031827	TMO-06-007P2-E4 480V 1-3P 7kW	NS	048	A	$4166.00
179944	TMO-06-008P4-E1 240V 1-3P 8kW	NS	046	A	$3895.00
179960	TMO-06-008P4-E1 480V 1-3P 8kW	NS	046	A	$3895.00
031640	TMO-06-008P4-E2 240V 1-3P 8kW	NS	051	A	$4384.00
031659	TMO-06-008P4-E2 480V 1-3P 8kW	NS	051	A	$4384.00
031835	TMO-06-008P4-E4 240V 1-3P 8kW	NS	051	A	$4384.00
031843	TMO-06-008P4-E4 480V 1-3P 8kW	NS	051	A	$4384.00

TM IMMERSION HEATERS COPPER ELEMENTS 45WATTS/SQ.IN. 423

3 INCH 150 LB. STEEL FLANGE

196066	TM-03-006P-E1 240V 1-1P 6kW	NS	016	A	$2027.00
180005	TM-03-006P-E2 240V 1-1P 6kW	NS	016	A	$2247.00
196074	TM-03-006P-E1 240V 1-3P 6kW	NS	016	A	$2027.00
180013	TM-03-006P-E2 240V 1-3P 6kW	NS	016	A	$2247.00
196082	TM-03-006P-E1 480V 1-1P 6kW	NS	016	A	$2027.00
180021	TM-03-006P-E2 480V 1-1P 6kW	NS	016	A	$2247.00
196090	TM-03-006P-E1 480V 1-3P 6kW	ST	016	A	$2027.00
180030	TM-03-006P-E2 480V 1-3P 6kW	NS	016	A	$2247.00
196103	TM-03-009P-E1 240V 1-1P 9kW	NS	016	A	$2146.00
180048	TM-03-009P-E2 240V 1-1P 9kW	NS	016	A	$2366.00
196111	TM-03-009P-E1 240V 1-3P 9kW	NS	016	A	$2146.00
180056	TM-03-009P-E2 240V 1-3P 9kW	NS	016	A	$2366.00
196120	TM-03-009P-E1 480V 1-1P 9kW	NS	016	A	$2146.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
180064	TM-03-009P-E2	480V 1-1P 9kW	NS	016	A	$2366.00
196138	TM-03-009P-E1	480V 1-3P 9kW	ST	016	A	$2146.00
180072	TM-03-009P-E2	480V 1-3P 9kW	NS	016	A	$2366.00
196146	TM-03-012P-E1	240V 1-1P 12kW	NS	018	A	$2268.00
180080	TM-03-012P-E2	240V 1-1P 12kW	NS	018	A	$2488.00
196154	TM-03-012P-E1	240V 1-3P 12kW	NS	016	A	$2268.00
180099	TM-03-012P-E2	240V 1-3P 12kW	NS	018	A	$2488.00
196162	TM-03-012P-E1	480V 1-1P 12kW	NS	018	A	$2268.00
180101	TM-03-012P-E2	480V 1-1P 12kW	NS	018	A	$2488.00
196170	TM-03-012P-E1	480V 1-3P 12kW	ST	016	A	$2268.00
180110	TM-03-012P-E2	480V 1-3P 12kW	NS	018	A	$2488.00
196189	TM-03-015P-E1	240V 1-1P 15kW	NS	020	A	$2389.00
180128	TM-03-015P-E2	240V 1-1P 15kW	NS	020	A	$2609.00
196197	TM-03-015P-E1	240V 1-3P 15kW	NS	020	A	$2389.00
180136	TM-03-015P-E2	240V 1-3P 15kW	NS	020	A	$2609.00
196200	TM-03-015P-E1	480V 1-1P 15kW	NS	020	A	$2389.00
196218	TM-03-015P-E1	480V 1-3P 15kW	ST	020	A	$2389.00
180144	TM-03-015P-E2	480V 1-1P 15kW	NS	020	A	$2609.00
180152	TM-03-015P-E2	480V 1-3P 15kW	NS	020	A	$2609.00
196226	TM-03-018P-E1	240V 1-1P 18kW	NS	022	A	$2509.00
180160	TM-03-018P-E2	240V 1-1P 18kW	NS	022	A	$2729.00
196234	TM-03-018P-E1	240V 1-3P 18kW	NS	022	A	$2509.00
180179	TM-03-018P-E2	240V 1-3P 18kW	NS	022	A	$2729.00
196242	TM-03-018P-E1	480V 1-1P 18kW	NS	022	A	$2509.00
180187	TM-03-018P-E2	480V 1-1P 18kW	NS	022	A	$2729.00
196250	TM-03-018P-E1	480V 1-3P 18kW	ST	022	A	$2509.00
180195	TM-03-018P-E2	480V 1-3P 18kW	NS	022	A	$2729.00
5 INCH 150 LB. STEEL FLANGE						
196470	TM-06-012P-E1	240V 1-3P 12kW	NS	030	A	$3103.00
181147	TM-06-012P-E2	240V 1-3P 12kW	NS	030	A	$3592.00
181155	TM-06-012P-E4	240V 1-3P 12kW	NS	030	A	$3592.00
196496	TM-06-012P-E1	480V 1-3P 12kW	NS	030	A	$3103.00
181163	TM-06-012P-E2	480V 1-3P 12kW	NS	030	A	$3592.00
181171	TM-06-012P-E4	480V 1-3P 12kW	NS	030	A	$3592.00
196517	TM-06-015P-E1	240V 1-3P 15kW	NS	031	A	$3206.00
181180	TM-06-015P-E2	240V 1-3P 15kW	NS	031	A	$3695.00
181198	TM-06-015P-E4	240V 1-3P 15kW	NS	031	A	$3695.00
196533	TM-06-015P-E1	480V 1-3P 15kW	NS	031	A	$3206.00
181200	TM-06-015P-E2	480V 1-3P 15kW	NS	031	A	$3695.00
181219	TM-06-015P-E4	480V 1-3P 15kW	NS	031	A	$3695.00
196550	TM-06-018P-E1	240V 1-3P 18kW	NS	033	A	$3342.00
181227	TM-06-018P-E2	240V 1-3P 18kW	NS	033	A	$3831.00
181235	TM-06-018P-E4	240V 1-3P 18kW	NS	033	A	$3831.00
196576	TM-06-018P-E1	480V 1-3P 18kW	NS	033	A	$3342.00
181243	TM-06-018P-E2	480V 1-3P 18kW	NS	033	A	$3831.00
181251	TM-06-018P-E4	480V 1-3P 18kW	NS	033	A	$3831.00
196592	TM-06-024P-E1	240V 2-3P 24kW	NS	037	A	$3585.00
181260	TM-06-024P-E2	240V 2-3P 24kW	NS	037	A	$4074.00
181278	TM-06-024P-E4	240V 2-3P 24kW	NS	037	A	$4074.00
196613	TM-06-024P-E1	480V 1-3P 24kW	ST	037	A	$3585.00
181286	TM-06-024P-E2	480V 1-3P 24kW	NS	037	A	$4074.00
181294	TM-06-024P-E4	480V 1-3P 24kW	NS	037	A	$4074.00
196630	TM-06-030P-E1	240V 2-3P 30kW	NS	040	A	$3827.00
181307	TM-06-030P-E2	240V 2-3P 30kW	NS	040	A	$4316.00
181315	TM-06-030P-E4	240V 2-3P 30kW	NS	040	A	$4316.00
196656	TM-06-030P-E1	480V 1-3P 30kW	NS	040	A	$3827.00
181323	TM-06-030P-E2	480V 1-3P 30kW	NS	040	A	$4316.00
181331	TM-06-030P-E4	480V 1-3P 30kW	NS	040	A	$4316.00
196672	TM-06-040P-E1	240V 2-3P 40kW	NS	051	A	$4221.00
181340	TM-06-040P-E2	240V 2-3P 40kW	NS	051	A	$4710.00
181358	TM-06-040P-E4	240V 2-3P 40kW	NS	051	A	$4710.00
196699	TM-06-040P-E1	480V 2-3P 40kW	NS	051	A	$4221.00
181366	TM-06-040P-E2	480V 2-3P 40kW	NS	051	A	$4710.00
181374	TM-06-040P-E4	480V 2-3P 40kW	NS	051	A	$4710.00
181382	TM-06-050P-E1	480V 2-3P 50kW	NS	064	A	$4627.00
181390	TM-06-050P-E2	480V 2-3P 50kW	NS	064	A	$5116.00
181403	TM-06-050P-E4	480V 2-3P 50kW	NS	064	A	$5116.00
181411	TM-06-060P-E1	480V 2-3P 60kW	NS	077	A	$5032.00
181420	TM-06-060P-E2	480V 2-3P 60kW	NS	077	A	$5521.00
181438	TM-06-060P-E4	480V 2-3P 60kW	NS	077	A	$5521.00

TM IMMERSION HEATERS COPPER ELEMENTS 45WATTS/SQ.IN. 427

6 INCH 150 LB. STEEL FLANGE						
257990	TM-12-036P-E1	240V 2-3P 36kW	NS	067	A	$5012.00
290159	TM-12-036P-E2	240V 2-3P 36kW	NS	067	A	$5953.00
290167	TM-12-036P-E4	240V 2-3P 36kW	NS	067	A	$5738.00
258010	TM-12-036P-E1	480V 2-3P 36kW	NS	067	A	$5012.00
290175	TM-12-036P-E2	480V 2-3P 36kW	NS	067	A	$5953.00
290183	TM-12-036P-E4	480V 2-3P 36kW	NS	067	A	$5738.00
258028	TM-12-048P-E1	240V 2-3P 48kW	NS	076	A	$5500.00
290191	TM-12-048P-E2	240V 2-3P 48kW	NS	076	A	$6440.00
290204	TM-12-048P-E4	240V 2-3P 48kW	NS	076	A	$6226.00
258044	TM-12-048P-E1	480V 2-3P 48kW	NS	076	A	$5500.00
290212	TM-12-048P-E2	480V 2-3P 48kW	NS	076	A	$6440.00
290220	TM-12-048P-E4	480V 2-3P 48kW	NS	076	A	$6226.00
258052	TM-12-060P-E1	240V 2-3P 60kW	NS	084	A	$5982.00
290239	TM-12-060P-E2	240V 2-3P 60kW	NS	084	A	$6922.00
290247	TM-12-060P-E4	240V 2-3P 60kW	NS	084	A	$6708.00
258079	TM-12-060P-E1	480V 2-3P 60kW	NS	084	A	$5982.00
290255	TM-12-060P-E2	480V 2-3P 60kW	NS	084	A	$6922.00
290263	TM-12-060P-E4	480V 2-3P 60kW	NS	084	A	$6708.00
258087	TM-12-072P-E1	240V 2-3P 72kW	NS	111	A	$6464.00
290271	TM-12-072P-E2	240V 2-3P 72kW	NS	111	A	$7404.00
290280	TM-12-072P-E4	240V 2-3P 72kW	NS	111	A	$7190.00
258108	TM-12-072P-E1	480V 2-3P 72kW	NS	111	A	$6464.00
290298	TM-12-072P-E2	480V 2-3P 72kW	NS	111	A	$7404.00
290300	TM-12-072P-E4	480V 2-3P 72kW	NS	111	A	$7190.00
8 INCH 150 LB. STEEL FLANGE						
258116	TM-18-050P-E1	240V 3-3P 50kW	NS	107	A	$6877.00
290319	TM-18-050P-E2	240V 3-3P 50kW	NS	107	A	$8032.00
290327	TM-18-050P-E4	240V 3-3P 50kW	NS	107	A	$7768.00
258132	TM-18-050P-E1	480V 3-3P 50kW	NS	107	A	$6877.00
290335	TM-18-050P-E2	480V 3-3P 50kW	NS	107	A	$8032.00
290343	TM-18-050P-E4	480V 3-3P 50kW	NS	107	A	$7768.00
258140	TM-18-075P-E1	240V 3-3P 75kW	NS	121	A	$7858.00
290351	TM-18-075P-E2	240V 3-3P 75kW	NS	121	A	$9012.00
290360	TM-18-075P-E4	240V 3-3P 75kW	NS	121	A	$8749.00
258167	TM-18-075P-E1	480V 3-3P 75kW	NS	121	A	$7858.00
290378	TM-18-075P-E2	480V 3-3P 75kW	NS	121	A	$9012.00
290387	TM-18-075P-E4	480V 3-3P 75kW	NS	121	A	$8749.00
258175	TM-18-100P-E1	240V 3-3P 100kW	NS	126	A	$8789.00
290394	TM-18-100P-E2	240V 3-3P 100kW	NS	126	A	$9943.00
290407	TM-18-100P-E4	240V 3-3P 100kW	NS	126	A	$9680.00
258191	TM-18-100P-E1	480V 3-3P 100kW	NS	126	A	$8789.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
290415	TM-18-100P-E2	480V 3-3P 100kW	NS	126	A	$9943.00
290423	TM-18-100P-E4	480V 3-3P 100kW	NS	126	A	$9680.00
258204	TM-18-120P-E1	240V 3-3P 120kW	NS	128	A	$9590.00
258220	TM-18-120P-E1	480V 3-3P 120kW	NS	128	A	$9590.00
290431	TM-18-120P-E2	240V 3-3P 120kW	NS	128	A	$10744.00
290440	TM-18-120P-E4	240V 3-3P 120kW	NS	128	A	$10481.00
290458	TM-18-120P-E2	480V 3-3P 120kW	NS	128	A	$10744.00
290466	TM-18-120P-E4	480V 3-3P 120kW	NS	128	A	$10481.00
290474	TM-18-150P-E1	240V 3-3P 150kW	NS	134	A	$10734.00
290482	TM-18-150P-E2	240V 3-3P 150kW	NS	134	A	$11888.00
290490	TM-18-150P-E4	240V 3-3P 150kW	NS	134	A	$11625.00
290503	TM-18-150P-E1	480V 3-3P 150kW	NS	134	A	$10734.00
290511	TM-18-150P-E2	480V 3-3P 150kW	NS	134	A	$11888.00
290520	TM-18-150P-E4	480V 3-3P 150kW	NS	134	A	$11625.00
290538	TM-18-175P-E1	240V 3-3P 175kW	NS	140	A	$11699.00
290546	TM-18-175P-E2	240V 3-3P 175kW	NS	140	A	$12854.00
290554	TM-18-175P-E4	240V 3-3P 175kW	NS	140	A	$12590.00
290562	TM-18-175P-E1	480V 3-3P 175kW	NS	140	A	$11699.00
290570	TM-18-175P-E2	480V 3-3P 175kW	NS	140	A	$12854.00
290589	TM-18-175P-E4	480V 3-3P 175kW	NS	140	A	$12590.00
290597	TM-18-200P-E1	240V 3-3P 200kW	NS	145	A	$12675.00
290600	TM-18-200P-E2	240V 3-3P 200kW	NS	145	A	$13829.00
290618	TM-18-200P-E4	240V 3-3P 200kW	NS	145	A	$13566.00
290626	TM-18-200P-E1	480V 3-3P 200kW	NS	145	A	$12675.00
290634	TM-18-200P-E2	480V 3-3P 200kW	NS	145	A	$13829.00
290642	TM-18-200P-E4	480V 3-3P 200kW	NS	145	A	$13566.00

TM IMMERSION HEATERS COPPER ELEMENTS 431

10 INCH 150LB STEEL FLANGE

096540	TM-27-075P-E1	480V 3-3P 75kW	NS	125	A	$9507.00
096612	TM-27-075P-E2	480V 3-3P 75kW	NS	135	A	$10875.00
096680	TM-27-075P-E4	480V 3-3P 75kW	NS	135	A	$10563.00
096559	TM-27-100P-E1	480V 3-3P 100kW	NS	135	A	$10513.00
096620	TM-27-100P-E2	480V 3-3P 100kW	NS	145	A	$11881.00
096698	TM-27-100P-E4	480V 3-3P 100kW	NS	145	A	$11569.00
096567	TM-27-125P-E1	480V 3-3P 125kW	NS	160	A	$11504.00
096639	TM-27-125P-E2	480V 3-3P 125kW	NS	175	A	$12872.00
096700	TM-27-125P-E4	480V 3-3P 125kW	NS	175	A	$12560.00
096575	TM-27-150P-E1	480V 3-3P 150kW	NS	175	A	$12494.00
096647	TM-27-150P-E2	480V 3-3P 150kW	NS	185	A	$13862.00
096719	TM-27-150P-E4	480V 3-3P 150kW	NS	185	A	$13550.00
096583	TM-27-175P-E1	480V 3-3P 175kW	NS	200	A	$13501.00
096655	TM-27-175P-E2	480V 3-3P 175kW	NS	210	A	$14869.00
096727	TM-27-175P-E4	480V 3-3P 175kW	NS	210	A	$14557.00
096591	TM-27-200P-E1	480V 3-3P 200kW	NS	215	A	$14507.00
096663	TM-27-200P-E2	480V 3-3P 200kW	NS	225	A	$15875.00
096735	TM-27-200P-E4	480V 3-3P 200kW	NS	225	A	$15563.00
096604	TM-27-225P-E1	480V 3-3P 225kW	NS	230	A	$15513.00
096671	TM-27-225P-E2	480V 3-3P 225kW	NS	240	A	$16881.00
096743	TM-27-225P-E4	480V 3-3P 225kW	NS	240	A	$16569.00

12 INCH 150LB STEEL FLANGE

096751	TM-36-085P-E1	480V 3-3P 85kW	NS	160	A	$11641.00
096831	TM-36-085P-E2	480V 3-3P 85kW	NS	170	A	$13266.00
096911	TM-36-085P-E4	480V 3-3P 85kW	NS	170	A	$12895.00
096760	TM-36-100P-E1	480V 3-3P 100kW	NS	165	A	$12239.00
096840	TM-36-100P-E2	480V 3-3P 100kW	NS	175	A	$13863.00
096920	TM-36-100P-E4	480V 3-3P 100kW	NS	175	A	$13493.00
096778	TM-36-125P-E1	480V 3-3P 125kW	NS	175	A	$13235.00
096858	TM-36-125P-E2	480V 3-3P 125kW	NS	185	A	$14859.00
096938	TM-36-125P-E4	480V 3-3P 125kW	NS	185	A	$14489.00
096786	TM-36-150P-E1	480V 3-3P 150kW	NS	185	A	$14231.00
096866	TM-36-150P-E2	480V 3-3P 150kW	NS	195	A	$15855.00
096946	TM-36-150P-E4	480V 3-3P 150kW	NS	195	A	$15485.00
096794	TM-36-175P-E1	480V 3-3P 175kW	NS	210	A	$15227.00
096874	TM-36-175P-E2	480V 3-3P 175kW	NS	220	A	$16851.00
096954	TM-36-175P-E4	480V 3-3P 175kW	NS	220	A	$16481.00
096807	TM-36-200P-E1	480V 3-3P 200kW	NS	240	A	$16263.00
096882	TM-36-200P-E2	480V 3-3P 200kW	NS	250	A	$17888.00
096962	TM-36-200P-E4	480V 3-3P 200kW	NS	250	A	$17517.00
096815	TM-36-225P-E1	480V 3-3P 225kW	NS	270	A	$17259.00
096890	TM-36-225P-E2	480V 3-3P 225kW	NS	280	A	$18884.00
096970	TM-36-225P-E4	480V 3-3P 225kW	NS	280	A	$18513.00
096823	TM-36-250P-E1	480V 3-3P 250kW	NS	290	A	$18255.00
096903	TM-36-250P-E2	480V 3-3P 250kW	NS	300	A	$19879.00
096989	TM-36-250P-E4	480V 3-3P 250kW	NS	300	A	$19509.00

14 INCH 150LB STEEL FLANGE

096997	TM-45-100P-E1	480V 3-3P 100kW	NS	165	A	$13642.00
097105	TM-45-100P-E2	480V 3-3P 100kW	NS	175	A	$15438.00
097199	TM-45-100P-E4	480V 3-3P 100kW	NS	175	A	$15028.00
097009	TM-45-125P-E1	480V 3-3P 125kW	NS	175	A	$14638.00
097113	TM-45-125P-E2	480V 3-3P 125kW	NS	185	A	$16434.00
097201	TM-45-125P-E4	480V 3-3P 125kW	NS	185	A	$16024.00
097033	TM-45-150P-E1	480V 3-3P 150kW	NS	185	A	$15583.00
097121	TM-45-150P-E2	480V 3-3P 150kW	NS	195	A	$17379.00
097210	TM-45-150P-E4	480V 3-3P 150kW	NS	195	A	$16969.00
097401	TM-45-175P-E1	480V 3-3P 175kW	NS	195	A	$16579.00
097130	TM-45-175P-E2	480V 3-3P 175kW	NS	205	A	$18375.00
097228	TM-45-175P-E4	480V 3-3P 175kW	NS	205	A	$17965.00
097050	TM-45-200P-E1	480V 3-3P 200kW	NS	205	A	$17550.00
097148	TM-45-200P-E2	480V 3-3P 200kW	NS	215	A	$19345.00
097236	TM-45-200P-E4	480V 3-3P 200kW	NS	215	A	$18936.00
097068	TM-45-225P-E1	480V 3-3P 225kW	NS	215	A	$18520.00
097156	TM-45-225P-E2	480V 3-3P 225kW	NS	225	A	$20316.00
097244	TM-45-225P-E4	480V 3-3P 225kW	NS	225	A	$19906.00
097076	TM-45-250P-E1	480V 3-3P 250kW	NS	225	A	$19516.00
097164	TM-45-250P-E2	480V 3-3P 250kW	NS	235	A	$21312.00
097252	TM-45-250P-E4	480V 3-3P 250kW	NS	235	A	$20902.00
097084	TM-45-300P-E1	480V 3-3P 300kW	NS	240	A	$21406.00
097172	TM-45-300P-E2	480V 3-3P 300kW	NS	250	A	$23202.00
097260	TM-45-300P-E4	480V 3-3P 300kW	NS	250	A	$22792.00
097092	TM-45-350P-E1	480V 3-3P 350kW	NS	270	A	$23398.00
097180	TM-45-350P-E2	480V 3-3P 350kW	NS	280	A	$25194.00
097279	TM-45-350P-E4	480V 3-3P 350kW	NS	280	A	$24784.00

TMS IMMERSION HEATERS STAINLESS STEEL ELEMENTS 45 WATTS/SQ.IN. 426

3 INCH 150 LB. STEEL FLANGE

232012	TMS-03-006P-E1	240V 1-1P 6kW	NS	016	A	$1716.00
232020	TMS-03-006P-E1	240V 1-3P 6kW	NS	016	A	$1716.00
232039	TMS-03-006P-E1	480V 1-1P 6kW	NS	016	A	$1716.00
232047	TMS-03-006P-E1	480V 1-3P 6kW	NS	016	A	$1716.00
232215	TMS-03-006P-E2	240V 1-1P 6kW	NS	019	A	$1936.00
232223	TMS-03-006P-E2	240V 1-3P 6kW	NS	019	A	$1936.00
232231	TMS-03-006P-E2	480V 1-1P 6kW	NS	019	A	$1936.00
232240	TMS-03-006P-E2	480V 1-3P 6kW	NS	019	A	$1936.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
232055	TMS-03-009P-E1	240V 1-1P 9kW	NS	017	A	$1825.00
232063	TMS-03-009P-E1	240V 1-3P 9kW	NS	017	A	$1825.00
232071	TMS-03-009P-E1	480V 1-1P 9kW	NS	017	A	$1825.00
232080	TMS-03-009P-E1	480V 1-3P 9kW	NS	017	A	$1825.00
232258	TMS-03-009P-E2	240V 1-1P 9kW	NS	020	A	$2045.00
232264	TMS-03-009P-E2	240V 1-3P 9kW	NS	020	A	$2045.00
232274	TMS-03-009P-E2	480V 1-1P 9kW	NS	020	A	$2045.00
232282	TMS-03-009P-E2	480V 1-3P 9kW	NS	020	A	$2045.00
232098	TMS-03-012P-E1	240V 1-1P 12kW	NS	018	A	$1943.00
232100	TMS-03-012P-E1	240V 1-3P 12kW	NS	018	A	$1943.00
232119	TMS-03-012P-E1	480V 1-1P 12kW	NS	018	A	$1943.00
232127	TMS-03-012P-E1	480V 1-3P 12kW	NS	018	A	$1943.00
232290	TMS-03-012P-E2	240V 1-1P 12kW	NS	021	A	$2163.00
232303	TMS-03-012P-E2	240V 1-3P 12kW	NS	021	A	$2163.00
232311	TMS-03-012P-E2	480V 1-1P 12kW	NS	021	A	$2163.00
232320	TMS-03-012P-E2	480V 1-3P 12kW	NS	021	A	$2163.00
232135	TMS-03-015P-E1	240V 1-1P 15kW	NS	020	A	$2057.00
232143	TMS-03-015P-E1	240V 1-3P 15kW	NS	020	A	$2057.00
232151	TMS-03-015P-E1	480V 1-1P 15kW	NS	020	A	$2057.00
232160	TMS-03-015P-E1	480V 1-3P 15kW	NS	020	A	$2057.00
232330	TMS-03-015P-E2	240V 1-1P 15kW	NS	023	A	$2277.00
232346	TMS-03-015P-E2	240V 1-3P 15kW	NS	023	A	$2277.00
232354	TMS-03-015P-E2	480V 1-1P 15kW	NS	023	A	$2277.00
232362	TMS-03-015P-E2	480V 1-3P 15kW	NS	023	A	$2277.00
232178	TMS-03-018P-E1	240V 1-1P 18kW	NS	021	A	$2171.00
232186	TMS-03-018P-E1	240V 1-3P 18kW	NS	021	A	$2171.00
232194	TMS-03-018P-E1	480V 1-1P 18kW	NS	021	A	$2171.00
232207	TMS-03-018P-E1	480V 1-3P 18kW	NS	021	A	$2171.00
232370	TMS-03-018P-E2	240V 1-1P 18kW	NS	024	A	$2391.00
232389	TMS-03-018P-E2	240V 1-3P 18kW	NS	024	A	$2391.00
232397	TMS-03-018P-E2	480V 1-1P 18kW	NS	024	A	$2391.00
232408	TMS-03-018P-E2	480V 1-3P 18kW	NS	024	A	$2391.00
5 INCH 150 LB. STEEL FLANGE						
232410	TMS-06-012P-E1	240V 1-3P 12kW	NS	030	A	$2672.00
232426	TMS-06-012P-E1	480V 1-3P 12kW	NS	030	A	$2672.00
232573	TMS-06-012P-E2	240V 1-3P 12kW	NS	036	A	$3161.00
232581	TMS-06-012P-E2	480V 1-3P 12kW	NS	036	A	$3161.00
232733	TMS-06-012P-E4	240V 1-3P 12kW	NS	037	A	$3161.00
232741	TMS-06-012P-E4	480V 1-3P 12kW	NS	037	A	$3161.00
232434	TMS-06-015P-E1	240V 1-3P 15kW	NS	030	A	$2732.00
232442	TMS-06-015P-E1	480V 1-3P 15kW	NS	031	A	$2732.00
232590	TMS-06-015P-E2	240V 1-3P 15kW	NS	036	A	$3221.00
232602	TMS-06-015P-E2	480V 1-3P 15kW	NS	036	A	$3221.00
232750	TMS-06-015P-E4	240V 1-3P 15kW	NS	037	A	$3221.00
232768	TMS-06-015P-E4	480V 1-3P 15kW	NS	037	A	$3221.00
232450	TMS-06-018P-E1	240V 1-3P 18kW	NS	033	A	$2889.00
232469	TMS-06-018P-E1	480V 1-3P 18kW	NS	033	A	$2889.00
232610	TMS-06-018P-E2	240V 1-3P 18kW	NS	039	A	$3378.00
232629	TMS-06-018P-E2	480V 1-3P 18kW	NS	039	A	$3378.00
232776	TMS-06-018P-E4	240V 1-3P 18kW	NS	040	A	$3378.00
232784	TMS-06-018P-E4	480V 1-3P 18kW	NS	040	A	$3378.00
232477	TMS-06-024P-E1	240V 2-3P 24kW	NS	037	A	$3126.00
232489	TMS-06-024P-E1	480V 1-3P 24kW	NS	037	A	$3126.00
232637	TMS-06-024P-E2	240V 2-3P 24kW	NS	043	A	$3615.00
232645	TMS-06-024P-E2	480V 1-3P 24kW	NS	043	A	$3615.00
232792	TMS-06-024P-E4	240V 2-3P 24kW	NS	044	A	$3615.00
232805	TMS-06-024P-E4	480V 1-3P 24kW	NS	044	A	$3615.00

PCN	DESCRIPTION		SS	WT	D	PRICE
232493	TMS-06-030P-E1	240V 2-3P 30kW	NS	040	A	$3354.00
232504	TMS-06-030P-E1	480V 2-3P 30kW	NS	000	A	$3354.00
232653	TMS-06-030P-E2	240V 2-3P 30kW	NS	046	A	$3843.00
232661	TMS-06-030P-E2	480V 2-3P 30kW	NS	046	A	$3843.00
232813	TMS-06-030P-E4	240V 2-3P 30kW	NS	047	A	$3843.00
232821	TMS-06-030P-E4	480V 2-3P 30kW	NS	047	A	$3843.00
232514	TMS-06-040P-E1	240V 2-3P 40kW	NS	051	A	$3706.00
232522	TMS-06-040P-E1	480V 2-3P 40kW	NS	051	A	$3706.00
232670	TMS-06-040P-E2	240V 2-3P 40kW	NS	057	A	$4195.00
232688	TMS-06-040P-E2	480V 2-3P 40kW	NS	057	A	$4195.00
232830	TMS-06-040P-E4	240V 2-3P 40kW	NS	058	A	$4195.00
232848	TMS-06-040P-E4	480V 2-3P 40kW	NS	058	A	$4195.00
232530	TMS-06-050P-E1	240V 2-3P 50kW	NS	051	A	$4098.00
232549	TMS-06-050P-E1	480V 2-3P 50kW	NS	064	A	$4098.00
232696	TMS-06-050P-E2	240V 2-3P 50kW	NS	070	A	$4587.00
232709	TMS-06-050P-E2	480V 2-3P 50kW	NS	070	A	$4587.00
232856	TMS-06-050P-E4	240V 2-3P 50kW	NS	071	A	$4587.00
232864	TMS-06-050P-E4	480V 2-3P 50kW	NS	071	A	$4587.00
232557	TMS-06-060P-E1	240V 2-3P 60kW	NS	000	A	$4490.00
232565	TMS-06-060P-E1	480V 2-3P 60kW	NS	000	A	$4490.00
232717	TMS-06-060P-E2	240V 2-3P 60kW	NS	083	A	$4979.00
232725	TMS-06-060P-E2	480V 2-3P 60kW	NS	083	A	$4979.00
232872	TMS-06-060P-E4	240V 2-3P 60kW	NS	084	A	$4979.00
232880	TMS-06-060P-E4	480V 2-3P 60kW	NS	000	A	$4979.00

TMS IMMERSION HEATERS STAINLESS STEEL ELEMENTS 45 WATTS/SQ.IN. 430

6 INCH 150 LB. STEEL FLANGE						
232899	TMS-12-036P-E1	240V 2-3P 36kW	NS	067	A	$4514.00
232901	TMS-12-036P-E1	480V 2-3P 36kW	NS	067	A	$4514.00
232979	TMS-12-036P-E2	240V 2-3P 36kW	NS	073	A	$5455.00
232987	TMS-12-036P-E2	480V 2-3P 36kW	NS	073	A	$5455.00
233056	TMS-12-036P-E4	240V 2-3P 36kW	NS	074	A	$5240.00
233066	TMS-12-036P-E4	480V 2-3P 36kW	NS	074	A	$5240.00
232910	TMS-12-048P-E1	240V 2-3P 48kW	NS	076	A	$4989.00
232928	TMS-12-048P-E1	480V 2-3P 48kW	NS	076	A	$4989.00
232995	TMS-12-048P-E2	240V 2-3P 48kW	NS	080	A	$5929.00
233007	TMS-12-048P-E2	480V 2-3P 48kW	NS	080	A	$5929.00
233074	TMS-12-048P-E4	240V 2-3P 48kW	NS	081	A	$5715.00
233082	TMS-12-048P-E4	480V 2-3P 48kW	NS	081	A	$5715.00
232936	TMS-12-060P-E1	240V 2-3P 60kW	NS	084	A	$5443.00
232944	TMS-12-060P-E1	480V 2-3P 60kW	NS	084	A	$5443.00
233015	TMS-12-060P-E2	240V 2-3P 60kW	NS	090	A	$6384.00
233023	TMS-12-060P-E2	480V 2-3P 60kW	NS	090	A	$6384.00
233090	TMS-12-060P-E4	240V 2-3P 60kW	NS	091	A	$6169.00
233103	TMS-12-060P-E4	480V 2-3P 60kW	NS	091	A	$6169.00
232952	TMS-12-072P-E1	240V 2-3P 72kW	NS	111	A	$5898.00
232960	TMS-12-072P-E1	480V 2-3P 72kW	NS	111	A	$5898.00
233031	TMS-12-072P-E2	240V 2-3P 72kW	NS	117	A	$6838.00
233040	TMS-12-072P-E2	480V 2-3P 72kW	NS	117	A	$6838.00
233111	TMS-12-072P-E4	240V 2-3P 72kW	NS	118	A	$6624.00
233120	TMS-12-072P-E4	480V 2-3P 72kW	NS	118	A	$6624.00
8 INCH 150LB STEEL FLANGE						
233138	TMS-18-050P-E1	240V 3-3P 50kW	NS	107	A	$6531.00
233146	TMS-18-050P-E1	480V 3-3P 50kW	NS	107	A	$6531.00
233277	TMS-18-050P-E2	240V 3-3P 50kW	NS	107	A	$7685.00
233205	TMS-18-050P-E2	480V 3-3P 50kW	NS	107	A	$7685.00
233410	TMS-18-050P-E4	240V 3-3P 50kW	NS	107	A	$7422.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
233429	TMS-18-050P-E4 480V 3-3P 50kW	NS	107	A	$7422.00
233154	TMS-18-075P-E1 240V 3-3P 75kW	NS	121	A	$7364.00
233162	TMS-18-075P-E1 480V 3-3P 75kW	NS	121	A	$7364.00
233293	TMS-18-075P-E2 240V 3-3P 75kW	NS	121	A	$8518.00
233306	TMS-18-075P-E2 480V 3-3P 75kW	NS	121	A	$8518.00
233437	TMS-18-075P-E4 240V 3-3P 75kW	NS	121	A	$8255.00
233445	TMS-18-075P-E4 480V 3-3P 75kW	NS	121	A	$8255.00
233170	TMS-18-100P-E1 240V 3-3P 100kW	NS	126	A	$8022.00
233189	TMS-18-100P-E1 480V 3-3P 100kW	NS	126	A	$8022.00
233314	TMS-18-100P-E2 240V 3-3P 100kW	NS	126	A	$9177.00
233322	TMS-18-100P-E2 480V 3-3P 100kW	NS	126	A	$9177.00
233453	TMS-18-100P-E4 240V 3-3P 100kW	NS	126	A	$8913.00
233461	TMS-18-100P-E4 480V 3-3P 100kW	NS	126	A	$8913.00
233197	TMS-18-120P-E1 240V 3-3P 120kW	NS	128	A	$8768.00
233200	TMS-18-120P-E1 480V 3-3P 120kW	NS	128	A	$8768.00
233330	TMS-18-120P-E2 240V 3-3P 120kW	NS	128	A	$9922.00
233349	TMS-18-120P-E2 480V 3-3P 120kW	NS	128	A	$9922.00
233470	TMS-18-120P-E4 240V 3-3P 120kW	NS	128	A	$9659.00
233488	TMS-18-120P-E4 480V 3-3P 120kW	NS	128	A	$9659.00
233218	TMS-18-150P-E1 240V 3-3P 150kW	NS	134	A	$9664.00
233226	TMS-18-150P-E1 480V 3-3P 150kW	NS	134	A	$9664.00
233357	TMS-18-150P-E2 240V 3-3P 150kW	NS	134	A	$10818.00
233365	TMS-18-150P-E2 480V 3-3P 150kW	NS	134	A	$10818.00
233496	TMS-18-150P-E4 240V 3-3P 150kW	NS	134	A	$10555.00
233509	TMS-18-150P-E4 480V 3-3P 150kW	NS	134	A	$10555.00
233234	TMS-18-175P-E1 240V 3-3P 175kW	NS	140	A	$10457.00
233242	TMS-18-175P-E1 480V 3-3P 175kW	NS	140	A	$10457.00
233373	TMS-18-175P-E2 240V 3-3P 175kW	NS	140	A	$11612.00
233381	TMS-18-175P-E2 480V 3-3P 175kW	NS	140	A	$11612.00
233517	TMS-18-175P-E4 240V 3-3P 175kW	NS	140	A	$11348.00
233525	TMS-18-175P-E4 480V 3-3P 175kW	NS	140	A	$11348.00
233250	TMS-18-200P-E1 240V 3-3P 200kW	NS	145	A	$11291.00
233269	TMS-18-200P-E1 480V 3-3P 200kW	NS	145	A	$11291.00
233390	TMS-18-200P-E2 240V 3-3P 200kW	NS	145	A	$12445.00
233402	TMS-18-200P-E2 480V 3-3P 200kW	NS	145	A	$12445.00
233533	TMS-18-200P-E4 240V 3-3P 200kW	NS	145	A	$12182.00
233451	TMS-18-200P-E4 480V 3-3P 200kW	NS	145	A	$12182.00

TMS IMMERSION HEATERS STAINLESS STEEL ELEMENTS 23 WATTS/SQ.IN. 426

3 INCH 150 LB. STEEL FLANGE

PCN	DESCRIPTION	SS	WT	D	PRICE
231095	TMS-03-003P-E1 240V 1-1P 3kW	NS	016	A	$1703.00
231108	TMS-03-003P-E1 240V 1-3P 3kW	NS	016	A	$1703.00
231116	TMS-03-003P-E1 480V 1-1P 3kW	NS	016	A	$1703.00
231124	TMS-03-003P-E1 480V 1-3P 3kW	NS	016	A	$1703.00
030015	TMS-03-003P-E2 240V 1-1P 3kW	NS	020	A	$1923.00
030023	TMS-03-003P-E2 240V 1-3P 3kW	NS	020	A	$1923.00
030031	TMS-03-003P-E2 480V 1-1P 3kW	NS	020	A	$1923.00
030040	TMS-03-003P-E2 480V 1-3P 3kW	NS	000	A	$1923.00
231132	TMS-03-004P5-E1 240V 1-1P 4kW	NS	017	A	$1805.00
231140	TMS-03-004P5-E1 240V 1-3P 4kW	NS	017	A	$1805.00
231159	TMS-03-004P5-E1 480V 1-1P 4kW	NS	017	A	$1805.00
231167	TMS-03-004P5-E1 480V 1-3P 4kW	NS	017	A	$1805.00
030058	TMS-03-004P5-E2 240V 1-1P 4kW	NS	020	A	$2025.00
030066	TMS-03-004P5-E2 240V 1-3P 4kW	NS	020	A	$2025.00
030074	TMS-03-004P5-E2 480V 1-1P 4kW	NS	020	A	$2025.00
030082	TMS-03-004P5-E2 480V 1-3P 4kW	NS	020	A	$2025.00
231175	TMS-03-006P-E1 240V 1-1P 6kW	NS	018	A	$1916.00
231183	TMS-03-006P-E1 240V 1-3P 6kW	NS	018	A	$1916.00
231191	TMS-03-006P-E1 480V 1-1P 6kW	NS	018	A	$1916.00
030111	TMS-03-006P-E2 480V 1-1P 6kW	NS	020	A	$2136.00
231204	TMS-03-006P-E1 480V 1-3P 6kW	NS	018	A	$1916.00
030090	TMS-03-006P-E2 240V 1-1P 6kW	NS	020	A	$2136.00
030103	TMS-03-006P-E2 240V 1-3P 6kW	NS	020	A	$2136.00
030120	TMS-03-006P-E2 480V 1-3P 6kW	NS	020	A	$2136.00
231212	TMS-03-007P5-E1 240V 1-3P 7kW	NS	019	A	$2023.00
231220	TMS-03-007P5-E1 480V 1-3P 7kW	NS	019	A	$2023.00
030138	TMS-03-007P5-E2 240V 1-3P 7kW	NS	022	A	$2243.00
030146	TMS-03-007P5-E2 480V 1-3P 7kW	NS	022	A	$2243.00
231239	TMS-03-009P-E1 480V 1-1P 9kW	NS	021	A	$2130.00
231247	TMS-03-009P-E1 480V 1-3P 9kW	NS	021	A	$2130.00
231255	TMS-03-009P-E1 240V 1-3P 9kW	NS	021	A	$2130.00
030170	TMS-03-009P-E2 240V 1-3P 9kW	NS	024	A	$2350.00
030154	TMS-03-009P-E2 480V 1-1P 9kW	NS	024	A	$2350.00
030162	TMS-03-009P-E2 480V 1-3P 9kW	NS	024	A	$2350.00

5 INCH 150 LB. STEEL FLANGE

PCN	DESCRIPTION	SS	WT	D	PRICE
231263	TMS-06-009P-E1 240V 1-3P 9kW	NS	032	A	$2849.00
231271	TMS-06-009P-E1 480V 1-3P 9kW	NS	032	A	$2849.00
030189	TMS-06-009P-E2 240V 1-3P 9kW	NS	039	A	$3338.00
030197	TMS-06-009P-E2 480V 1-3P 9kW	NS	039	A	$3338.00
030306	TMS-06-009P-E4 240V 1-3P 9kW	NS	037	A	$3338.00
030314	TMS-06-009P-E4 480V 1-3P 9kW	NS	037	A	$3338.00
231280	TMS-06-012P-E1 240V 1-3P 12kW	NS	033	A	$3072.00
231298	TMS-06-012P-E1 480V 1-3P 12kW	NS	033	A	$3072.00
030200	TMS-06-012P-E2 240V 1-3P 12kW	NS	039	A	$3561.00
030218	TMS-06-012P-E2 480V 1-3P 12kW	NS	039	A	$3561.00
030322	TMS-06-012P-E4 240V 1-3P 12kW	NS	037	A	$3561.00
030330	TMS-06-012P-E4 480V 1-3P 12kW	NS	037	A	$3561.00
231300	TMS-06-015P-E1 240V 1-3P 15kW	NS	035	A	$3286.00
231319	TMS-06-015P-E1 480V 1-3P 15kW	NS	004	A	$3286.00
030226	TMS-06-015P-E2 240V 1-3P 15kW	NS	039	A	$3775.00
030234	TMS-06-015P-E2 480V 1-3P 15kW	NS	000	A	$3775.00
030349	TMS-06-015P-E4 240V 1-3P 15kW	NS	040	A	$3775.00
030357	TMS-06-015P-E4 480V 1-3P 15kW	NS	040	A	$3775.00
231327	TMS-06-020P-E1 240V 1-3P 20kW	NS	038	A	$3616.00
231335	TMS-06-020P-E1 480V 1-3P 20kW	NS	038	A	$3616.00
030242	TMS-06-020P-E2 240V 1-3P 20kW	NS	042	A	$4105.00
030250	TMS-06-020P-E2 480V 1-3P 20kW	NS	042	A	$4105.00
030365	TMS-06-020P-E4 240V 1-3P 20kW	NS	042	A	$4105.00
030373	TMS-06-020P-E4 480V 1-3P 20kW	NS	042	A	$4105.00
231343	TMS-06-025P-E1 240V 2-3P 25kW	NS	042	A	$3985.00
231351	TMS-06-025P-E1 480V 1-3P 25kW	NS	042	A	$3985.00
030269	TMS-06-025P-E2 240V 2-3P 25kW	NS	046	A	$4474.00
030277	TMS-06-025P-E2 480V 1-3P 25kW	NS	046	A	$4474.00
030381	TMS-06-025P-E4 240V 2-3P 25kW	NS	046	A	$4474.00
030390	TMS-06-025P-E4 480V 1-3P 25kW	NS	046	A	$4474.00
231360	TMS-06-030P-E1 240V 2-3P 30kW	NS	046	A	$4355.00
231378	TMS-06-030P-E1 480V 1-3P 30kW	NS	046	A	$4355.00
030285	TMS-06-030P-E2 240V 2-3P 30kW	NS	050	A	$4844.00
030293	TMS-06-030P-E2 480V 1-3P 30kW	NS	050	A	$4844.00
030402	TMS-06-030P-E4 240V 2-3P 30kW	NS	050	A	$4844.00
030410	TMS-06-030P-E4 480V 1-3P 30kW	NS	050	A	$4844.00

TMS IMMERSION HEATERS STAINLESS STEEL ELEMENTS 23 WATTS/SQ.IN. 430

6 INCH 150 LB. STEEL FLANGE

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PCN	DESCRIPTION		SS	WT	D	PRICE
231386	TMS-12-018P-E1	240V 1-3P 18kW	NS	067	A	$4433.00
231394	TMS-12-018P-E1	480V 1-3P 18kW	NS	067	A	$4433.00
231407	TMS-12-024P-E1	240V 2-3P 24kW	NS	076	A	$4881.00
030429	TMS-12-018P-E2	240V 1-3P 18kW	NS	000	A	$5374.00
030437	TMS-12-018P-E2	480V 1-3P 18kW	NS	082	A	$5374.00
030509	TMS-12-018P-E4	240V 1-3P 18kW	NS	082	A	$5159.00
030517	TMS-12-018P-E4	480V 1-3P 18kW	NS	082	A	$5159.00
231415	TMS-12-024P-E1	480V 1-3P 24kW	NS	076	A	$4881.00
030445	TMS-12-024P-E2	240V 2-3P 24kW	NS	084	A	$5821.00
030453	TMS-12-024P-E2	480V 1-3P 24kW	NS	084	A	$5821.00
030525	TMS-12-024P-E4	240V 2-3P 24kW	NS	084	A	$5607.00
030533	TMS-12-024P-E4	480V 1-3P 24kW	NS	084	A	$5607.00
231423	TMS-12-030P-E1	240V 2-3P 30kW	NS	084	A	$5308.00
231431	TMS-12-030P-E1	480V 1-3P 30kW	NS	084	A	$5308.00
030461	TMS-12-030P-E2	240V 2-3P 30kW	NS	090	A	$6249.00
030470	TMS-12-030P-E2	480V 1-3P 30kW	NS	090	A	$6249.00
030541	TMS-12-030P-E4	240V 2-3P 30kW	NS	090	A	$6034.00
030550	TMS-12-030P-E4	480V 1-3P 30kW	NS	090	A	$6034.00
231440	TMS-12-036P-E1	240V 2-3P 36kW	NS	111	A	$5736.00
231458	TMS-12-036P-E1	480V 1-3P 36kW	NS	111	A	$5736.00
030488	TMS-12-036P-E2	240V 2-3P 36kW	NS	131	A	$6676.00
030496	TMS-12-036P-E2	480V 1-3P 36kW	NS	131	A	$6676.00
030568	TMS-12-036P-E4	240V 2-3P 36kW	NS	131	A	$6462.00
030576	TMS-12-036P-E4	480V 1-3P 36kW	NS	131	A	$6462.00
8 INCH 150LB STEEL FLANGE						
231466	TMS-18-030P-E1	240V 3-3P 30kW	NS	112	A	$6841.00
231474	TMS-18-030P-E1	480V 3-3P 30kW	NS	112	A	$6841.00
030584	TMS-18-030P-E2	240V 3-3P 30kW	NS	141	A	$7996.00
030592	TMS-18-030P-E2	480V 3-3P 30kW	NS	141	A	$7996.00
030648	TMS-18-030P-E4	240V 3-3P 30kW	NS	141	A	$7732.00
030656	TMS-18-030P-E4	480V 3-3P 30kW	NS	141	A	$7732.00
231482	TMS-18-040P-E1	240V 3-3P 40kW	NS	125	A	$7752.00
231490	TMS-18-040P-E1	480V 3-3P 40kW	NS	125	A	$7752.00
030605	TMS-18-040P-E2	240V 3-3P 40kW	NS	140	A	$8907.00
030613	TMS-18-040P-E2	480V 3-3P 40kW	NS	140	A	$8907.00
030664	TMS-18-040P-E4	240V 3-3P 40kW	NS	140	A	$8643.00
030672	TMS-18-040P-E4	480V 3-3P 40kW	NS	140	A	$8643.00
231503	TMS-18-050P-E1	240V 3-3P 50kW	NS	130	A	$8453.00
231511	TMS-18-050P-E1	480V 3-3P 50kW	NS	130	A	$8453.00
030621	TMS-18-050P-E2	240V 3-3P 50kW	NS	150	A	$9607.00
030630	TMS-18-050P-E2	480V 3-3P 50kW	NS	150	A	$9607.00
030680	TMS-18-050P-E4	240V 3-3P 50kW	NS	150	A	$9344.00
030699	TMS-18-050P-E4	480V 3-3P 50kW	NS	150	A	$9344.00

TMI IMMERSION HEATERS INCOLOY ELEMENTS 45 WATTS/SQ.IN. 425

3 INCH 150 LB. STEEL FLANGE						
233550	TMI-03-006P-E1	240V 1-1P 6kW	NS	016	A	$1754.00
233568	TMI-03-006P-E1	240V 1-3P 6kW	NS	016	A	$1754.00
233576	TMI-03-006P-E1	480V 1-1P 6kW	NS	016	A	$1754.00
233584	TMI-03-006P-E1	480V 1-3P 6kW	NS	019	A	$1754.00
233752	TMI-03-006P-E2	240V 1-1P 6kW	NS	019	A	$1974.00
233760	TMI-03-006P-E2	240V 1-3P 6kW	NS	019	A	$1974.00
233779	TMI-03-006P-E2	480V 1-1P 6kW	NS	019	A	$1974.00
233787	TMI-03-006P-E2	480V 1-3P 6kW	NS	019	A	$1974.00
233592	TMI-03-009P-E1	240V 1-1P 9kW	NS	017	A	$1878.00
233605	TMI-03-009P-E1	240V 1-3P 9kW	NS	017	A	$1878.00
233613	TMI-03-009P-E1	480V 1-1P 9kW	NS	017	A	$1878.00
233621	TMI-03-009P-E1	480V 1-3P 9kW	NS	017	A	$1878.00
233795	TMI-03-009P-E2	240V 1-1P 9kW	NS	020	A	$2098.00
233808	TMI-03-009P-E2	240V 1-3P 9kW	NS	020	A	$2098.00
233818	TMI-03-009P-E2	480V 1-1P 9kW	NS	020	A	$2098.00
233824	TMI-03-009P-E2	480V 1-3P 9kW	NS	020	A	$2098.00
233630	TMI-03-012P-E1	240V 1-1P 12kW	NS	018	A	$2013.00
233648	TMI-03-012P-E1	240V 1-3P 12kW	NS	018	A	$2013.00
233656	TMI-03-012P-E1	480V 1-1P 12kW	NS	018	A	$2013.00
233664	TMI-03-012P-E1	480V 1-3P 12kW	NS	018	A	$2013.00
233832	TMI-03-012P-E2	240V 1-1P 12kW	NS	021	A	$2233.00
233840	TMI-03-012P-E2	240V 1-3P 12kW	NS	021	A	$2233.00
233859	TMI-03-012P-E2	480V 1-1P 12kW	NS	021	A	$2233.00
233867	TMI-03-012P-E2	480V 1-3P 12kW	NS	021	A	$2233.00
233672	TMI-03-015P-E1	240V 1-1P 15kW	NS	020	A	$2142.00
233680	TMI-03-015P-E1	240V 1-3P 15kW	NS	020	A	$2142.00
233699	TMI-03-015P-E1	480V 1-1P 15kW	NS	020	A	$2142.00
233701	TMI-03-015P-E1	480V 1-3P 15kW	NS	020	A	$2142.00
233875	TMI-03-015P-E2	240V 1-1P 15kW	NS	023	A	$2362.00
233883	TMI-03-015P-E2	240V 1-3P 15kW	NS	023	A	$2362.00
233891	TMI-03-015P-E2	480V 1-1P 15kW	NS	023	A	$2362.00
233904	TMI-03-015P-E2	480V 1-3P 15kW	NS	000	A	$2362.00
233710	TMI-03-018P-E1	240V 1-1P 18kW	NS	021	A	$2272.00
233728	TMI-03-018P-E1	240V 1-3P 18kW	NS	021	A	$2272.00
233730	TMI-03-018P-E1	480V 1-1P 18kW	NS	021	A	$2272.00
233744	TMI-03-018P-E1	480V 1-3P 18kW	NS	021	A	$2272.00
233912	TMI-03-018P-E2	240V 1-1P 18kW	NS	024	A	$2492.00
233920	TMI-03-018P-E2	240V 1-3P 18kW	NS	024	A	$2492.00
233939	TMI-03-018P-E2	480V 1-1P 18kW	NS	024	A	$2492.00
233947	TMI-03-018P-E2	480V 1-3P 18kW	NS	024	A	$2492.00
5 INCH 150 LB. STEEL FLANGE						
233955	TMI-06-012P-E1	240V 1-3P 12kW	NS	012	A	$2748.00
233963	TMI-06-012P-E1	480V 1-3P 12kW	NS	030	A	$2748.00
230113	TMI-06-012P-E2	240V 1-3P 12kW	NS	036	A	$3237.00
230121	TMI-06-012P-E2	480V 1-3P 12kW	NS	036	A	$3237.00
230279	TMI-06-012P-E4	240V 1-3P 12kW	NS	037	A	$3237.00
230287	TMI-06-012P-E4	480V 1-3P 12kW	NS	037	A	$3237.00
233971	TMI-06-015P-E1	240V 1-3P 15kW	NS	031	A	$2815.00
233980	TMI-06-015P-E1	480V 1-3P 15kW	NS	000	A	$2815.00
230130	TMI-06-015P-E2	240V 1-3P 15kW	NS	036	A	$3304.00
230146	TMI-06-015P-E2	480V 1-3P 15kW	NS	036	A	$3304.00
230295	TMI-06-015P-E4	240V 1-3P 15kW	NS	037	A	$3304.00
230308	TMI-06-015P-E4	480V 1-3P 15kW	NS	037	A	$3304.00
233998	TMI-06-018P-E1	240V 1-3P 18kW	NS	033	A	$2995.00
234000	TMI-06-018P-E1	480V 1-3P 18kW	NS	033	A	$2995.00
230150	TMI-06-018P-E2	240V 1-3P 18kW	NS	039	A	$3484.00
230164	TMI-06-018P-E2	480V 1-3P 18kW	NS	039	A	$3484.00
230316	TMI-06-018P-E4	240V 1-3P 18kW	NS	040	A	$3484.00
230324	TMI-06-018P-E4	480V 1-3P 18kW	NS	040	A	$3484.00
230017	TMI-06-024P-E1	240V 2-3P 24kW	NS	037	A	$3265.00
230025	TMI-06-024P-E1	480V 1-3P 24kW	NS	037	A	$3265.00
230172	TMI-06-024P-E2	240V 2-3P 24kW	NS	443	A	$3754.00
230180	TMI-06-024P-E2	480V 1-3P 24kW	NS	043	A	$3754.00
230332	TMI-06-024P-E4	240V 2-3P 24kW	NS	044	A	$3754.00
230340	TMI-06-024P-E4	480V 1-3P 24kW	NS	044	A	$3754.00
230033	TMI-06-030P-E1	240V 2-3P 30kW	NS	040	A	$3524.00
230041	TMI-06-030P-E1	480V 2-3P 30kW	NS	040	A	$3524.00
230199	TMI-06-030P-E2	240V 2-3P 30kW	NS	046	A	$4013.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
230201	TMI-06-030P-E2	480V 2-3P 30kW	NS	046	A	$4013.00
230359	TMI-06-030P-E4	240V 2-3P 30kW	NS	047	A	$4013.00
230367	TMI-06-030P-E4	480V 2-3P 30kW	NS	047	A	$4013.00
230050	TMI-06-040P-E1	240V 2-3P 40kW	NS	051	A	$3924.00
230066	TMI-06-040P-E1	480V 2-3P 40kW	NS	051	A	$3924.00
230210	TMI-06-040P-E2	240V 2-3P 40kW	NS	057	A	$4413.00
230226	TMI-06-040P-E2	480V 2-3P 40kW	NS	057	A	$4413.00
230375	TMI-06-040P-E4	240V 2-3P 40kW	NS	058	A	$4413.00
230383	TMI-06-040P-E4	480V 2-3P 40kW	NS	058	A	$4413.00
230391	TMI-06-050P-E4	240V 2-3P 50kW	NS	071	A	$4860.00
230076	TMI-06-050P-E1	240V 2-3P 50kW	NS	064	A	$4371.00
230084	TMI-06-050P-E1	480V 2-3P 50kW	NS	064	A	$4371.00
230236	TMI-06-050P-E2	240V 2-3P 50kW	NS	070	A	$4860.00
230244	TMI-06-050P-E2	480V 2-3P 50kW	NS	070	A	$4860.00
230404	TMI-06-050P-E4	480V 2-3P 50kW	NS	071	A	$4860.00
230092	TMI-06-060P-E1	240V 2-3P 60kW	NS	077	A	$4818.00
230105	TMI-06-060P-E1	480V 2-3P 60kW	NS	077	A	$4818.00
230252	TMI-06-060P-E2	240V 2-3P 60kW	NS	083	A	$5307.00
230260	TMI-06-060P-E2	480V 2-3P 60kW	NS	083	A	$5307.00
230412	TMI-06-060P-E4	240V 2-3P 60kW	NS	000	A	$5307.00
230420	TMI-06-060P-E4	480V 2-3P 60kW	NS	084	A	$5307.00
6 INCH 150 LB. STEEL FLANGE						
230439	TMI-12-036P-E1	240V 2-3P 36kW	NS	067	A	$4725.00
230447	TMI-12-036P-E1	480V 2-3P 36kW	NS	073	A	$4725.00
230519	TMI-12-036P-E2	240V 2-3P 36kW	NS	073	A	$5666.00
230527	TMI-12-036P-E2	480V 2-3P 36kW	NS	073	A	$5666.00
230594	TMI-12-036P-E4	240V 2-3P 36kW	NS	074	A	$5451.00
230607	TMI-12-036P-E4	480V 2-3P 36kW	NS	074	A	$5451.00
230455	TMI-12-048P-E1	240V 2-3P 48kW	NS	076	A	$5266.00
230463	TMI-12-048P-E1	480V 2-3P 48kW	NS	076	A	$5266.00
230535	TMI-12-048P-E2	240V 2-3P 48kW	NS	080	A	$6206.00
230543	TMI-12-048P-E2	480V 2-3P 48kW	NS	080	A	$6206.00
230615	TMI-12-048P-E4	240V 2-3P 48kW	NS	081	A	$5992.00
230623	TMI-12-048P-E4	480V 2-3P 48kW	NS	081	A	$5992.00
230471	TMI-12-060P-E1	240V 2-3P 60kW	NS	084	A	$5783.00
230480	TMI-12-060P-E1	480V 2-3P 60kW	NS	084	A	$5783.00
230551	TMI-12-060P-E2	240V 2-3P 60kW	NS	090	A	$6724.00
230560	TMI-12-060P-E2	480V 2-3P 60kW	NS	090	A	$6724.00
230631	TMI-12-060P-E4	240V 2-3P 60kW	NS	000	A	$6509.00
230640	TMI-12-060P-E4	480V 2-3P 60kW	NS	091	A	$6509.00
230498	TMI-12-072P-E1	240V 2-3P 72kW	NS	111	A	$6301.00
230500	TMI-12-072P-E1	480V 2-3P 72kW	NS	111	A	$6301.00
230578	TMI-12-072P-E2	240V 2-3P 72kW	NS	117	A	$7241.00
230586	TMI-12-072P-E2	480V 2-3P 72kW	NS	117	A	$7241.00
230658	TMI-12-072P-E4	240V 2-3P 72kW	NS	118	A	$7027.00
230666	TMI-12-072P-E4	480V 2-3P 72kW	NS	118	A	$7027.00
8 INCH 150 LB. STEEL FLANGE						
230674	TMI-18-050P-E1	240V 3-3P 50kW	NS	000	A	$6882.00
230682	TMI-18-050P-E1	480V 3-3P 50kW	NS	000	A	$6882.00
230818	TMI-18-050P-E2	240V 3-3P 50kW	NS	000	A	$8036.00
230826	TMI-18-050P-E2	480V 3-3P 50kW	NS	000	A	$8036.00
231010	TMI-18-050P-E4	240V 3-3P 50kW	NS	000	A	$7773.00
231028	TMI-18-050P-E4	480V 3-3P 50kW	NS	000	A	$7773.00
230690	TMI-18-075P-E1	240V 3-3P 75kW	NS	000	A	$7829.00
230703	TMI-18-075P-E1	480V 3-3P 75kW	NS	000	A	$7829.00
230834	TMI-18-075P-E2	240V 3-3P 75kW	NS	000	A	$8983.00
230842	TMI-18-075P-E2	480V 3-3P 75kW	NS	000	A	$8983.00
231036	TMI-18-075P-E4	240V 3-3P 75kW	NS	000	A	$8720.00
231044	TMI-18-075P-E4	480V 3-3P 75kW	NS	000	A	$8720.00
230711	TMI-18-100P-E1	240V 3-3P 100kW	NS	000	A	$8573.00
230720	TMI-18-100P-E1	480V 3-3P 100kW	NS	000	A	$8573.00
230850	TMI-18-100P-E2	240V 3-3P 100kW	NS	000	A	$9727.00
230869	TMI-18-100P-E2	480V 3-3P 100kW	NS	000	A	$9727.00
231052	TMI-18-100P-E4	240V 3-3P 100kW	NS	000	A	$9464.00
231060	TMI-18-100P-E4	480V 3-3P 100kW	NS	000	A	$9464.00
230738	TMI-18-120P-E1	240V 3-3P 120kW	NS	000	A	$9422.00
230746	TMI-18-120P-E1	480V 3-3P 120kW	NS	000	A	$9422.00
230877	TMI-18-120P-E2	240V 3-3P 120kW	NS	000	A	$10576.00
230885	TMI-18-120P-E2	480V 3-3P 120kW	NS	000	A	$10576.00
231079	TMI-18-120P-E4	240V 3-3P 120kW	NS	000	A	$10313.00
231087	TMI-18-120P-E4	480V 3-3P 120kW	NS	000	A	$10313.00
230754	TMI-18-150P-E1	240V 3-3P 150kW	NS	000	A	$10437.00
230762	TMI-18-150P-E1	480V 3-3P 150kW	NS	000	A	$10437.00
230906	TMI-18-150P-E2	480V 3-3P 150kW	NS	000	A	$11592.00
230693	TMI-18-150P-E2	240V 3-3P 150kW	NS	000	A	$11592.00
230957	TMI-18-150P-E4	240V 3-3P 150kW	NS	000	A	$11328.00
230965	TMI-18-150P-E4	480V 3-3P 150kW	NS	000	A	$11328.00
230770	TMI-18-175P-E1	240V 3-3P 175kW	NS	000	A	$11338.00
230789	TMI-18-175P-E1	480V 3-3P 175kW	NS	000	A	$11338.00
230914	TMI-18-175P-E2	240V 3-3P 175kW	NS	000	A	$12492.00
230922	TMI-18-175P-E2	480V 3-3P 175kW	NS	000	A	$12492.00
230973	TMI-18-175P-E4	240V 3-3P 175kW	NS	000	A	$12229.00
230981	TMI-18-175P-E4	480V 3-3P 175kW	NS	000	A	$12229.00
230797	TMI-18-200P-E1	240V 3-3P 200kW	NS	000	A	$12285.00
230800	TMI-18-200P-E1	480V 3-3P 200kW	NS	000	A	$12285.00
230930	TMI-18-200P-E2	240V 3-3P 200kW	NS	000	A	$13439.00
230949	TMI-18-200P-E2	480V 3-3P 200kW	NS	000	A	$13439.00
230990	TMI-18-200P-E4	240V 3-3P 200kW	NS	000	A	$13176.00
231001	TMI-18-200P-E4	480V 3-3P 200kW	NS	000	A	$13176.00

TMS IMMERSION HEATERS INCOLOY ELEMENTS 45 WATTS/SQ.IN. PASSIVATED 425

3 INCH 150 LB. STAINLESS STEEL FLANGE						
231669	TMIS-03-006P-E1	240V 1-3P 6kW	NS	016	A	$2118.00
231677	TMIS-03-006P-E1	480V 1-3P 6kW	NS	016	A	$2118.00
031202	TMIS-03-006P-E2	240V 1-3P 6kW	NS	020	A	$2338.00
031210	TMIS-03-006P-E2	480V 1-3P 6kW	NS	020	A	$2338.00
231685	TMIS-03-012P-E1	240V 1-3P 12kW	NS	018	A	$2377.00
231693	TMIS-03-012P-E1	480V 1-3P 12kW	NS	018	A	$2377.00
031229	TMIS-03-012P-E2	240V 1-3P 12kW	NS	022	A	$2597.00
031237	TMIS-03-012P-E2	480V 1-3P 12kW	NS	022	A	$2597.00
231706	TMIS-03-018P-E1	240V 1-3P 18kW	NS	021	A	$2635.00
231714	TMIS-03-018P-E1	480V 1-3P 18kW	NS	021	A	$2635.00
031245	TMIS-03-018P-E2	240V 1-3P 18kW	NS	025	A	$2855.00
031253	TMIS-03-018P-E2	480V 1-3P 18kW	NS	025	A	$2855.00
5 INCH 150 LB. STAINLESS STEEL FLANGE						
231722	TMIS-06-024P-E1	240V 2-3P 24kW	NS	037	A	$4084.00
031261	TMIS-06-024P-E2	240V 2-3P 24kW	NS	042	A	$4573.00
031270	TMIS-06-024P-E2	480V 1-3P 24kW	NS	042	A	$4573.00
031341	TMIS-06-024P-E4	240V 2-3P 24kW	NS	042	A	$4573.00
031350	TMIS-06-024P-E4	480V 1-3P 24kW	NS	042	A	$4573.00
231730	TMIS-06-024P-E1	480V 1-3P 24kW	NS	037	A	$4084.00
231749	TMIS-06-030P-E1	240V 2-3P 30kW	NS	040	A	$4343.00
231757	TMIS-06-030P-E1	480V 1-3P 30kW	NS	040	A	$4343.00
031288	TMIS-06-030P-E2	240V 2-3P 30kW	NS	045	A	$4832.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
031296	TMIS-06-030P-E2 480V 1-3P 30kW	NS	045	A	$4832.00
031368	TMIS-06-030P-E4 240V 2-3P 30kW	NS	045	A	$4832.00
031376	TMIS-06-030P-E4 480V 1-3P 30kW	NS	045	A	$4832.00
231765	TMIS-06-040P-E1 240V 2-3P 40kW	NS	051	A	$4743.00
231773	TMIS-06-040P-E1 480V 2-3P 40kW	NS	051	A	$4743.00
031309	TMIS-06-040P-E2 240V 2-3P 40kW	NS	048	A	$5232.00
031317	TMIS-06-040P-E2 480V 2-3P 40kW	NS	048	A	$5232.00
031384	TMIS-06-040P-E4 240V 2-3P 40kW	NS	048	A	$5232.00
031392	TMIS-06-040P-E4 480V 2-3P 40kW	NS	048	A	$5232.00
231781	TMIS-06-050P-E1 240V 2-3P 50kW	NS	064	A	$5190.00
231790	TMIS-06-050P-E1 480V 2-3P 50kW	NS	064	A	$5190.00
031325	TMIS-06-050P-E2 240V 2-3P 50kW	NS	068	A	$5679.00
031333	TMIS-06-050P-E2 480V 2-3P 50kW	NS	068	A	$5679.00
031405	TMIS-06-050P-E4 240V 2-3P 50kW	NS	068	A	$5679.00
031413	TMIS-06-050P-E4 480V 2-3P 50kW	NS	068	A	$5679.00

TMI IMMERSION HEATERS INCOLOY ELEMENTS 23 WATTS/SQ.IN. 425

3 INCH 150 LB. STEEL FLANGE

259397	TMI-03-003P-E1 240V 1-1P 3kW	NS	016	A	$1741.00
180873	TMI-03-003P-E2 240V 1-1P 3kW	NS	016	A	$1961.00
256233	TMI-03-003P-E1 240V 1-3P 3kW	NS	016	A	$1741.00
180881	TMI-03-003P-E2 240V 1-3P 3kW	NS	016	A	$1961.00
259400	TMI-03-003P-E1 480V 1-1P 3kW	NS	016	A	$1741.00
180890	TMI-03-003P-E2 480V 1-1P 3kW	NS	016	A	$1961.00
256241	TMI-03-003P-E1 480V 1-3P 3kW	NS	016	A	$1741.00
180902	TMI-03-003P-E2 480V 1-3P 3kW	NS	016	A	$1961.00
259418	TMI-03-004P5-E1 240V 1-1P 4kW	NS	016	A	$1857.00
180910	TMI-03-004P5-E2 240V 1-1P 4kW	NS	016	A	$2077.00
256250	TMI-03-004P5-E1 240V 1-3P 4kW	NS	016	A	$1857.00
180937	TMI-03-004P5-E2 480V 1-1P 4kW	NS	016	A	$2077.00
259426	TMI-03-004P5-E1 480V 1-1P 4kW	NS	016	A	$1857.00
180929	TMI-03-004P5-E2 240V 1-3P 4kW	NS	016	A	$2077.00
256268	TMI-03-004P5-E1 480V 1-3P 4kW	NS	016	A	$1857.00
180945	TMI-03-004P5-E2 480V 1-3P 4kW	NS	016	A	$2077.00
259434	TMI-03-006P-E1 240V 1-1P 6kW	NS	018	A	$1986.00
180961	TMI-03-006P-E2 240V 1-1P 6kW	NS	018	A	$2206.00
256276	TMI-03-006P-E1 240V 1-3P 6kW	NS	018	A	$1986.00
180953	TMI-03-006P-E2 240V 1-3P 6kW	NS	018	A	$2206.00
259442	TMI-03-006P-E1 480V 1-1P 6kW	NS	018	A	$1986.00
180970	TMI-03-006P-E2 480V 1-1P 6kW	NS	018	A	$2206.00
256284	TMI-03-006P-E1 480V 1-3P 6kW	ST	018	A	$1986.00
180988	TMI-03-006P-E2 480V 1-3P 6kW	NS	018	A	$2206.00
259477	TMI-03-007P5-E1 240V 1-3P 7kW	NS	019	A	$2108.00
181104	TMI-03-007P5-E2 240V 1-3P 7kW	NS	000	A	$2328.00
259485	TMI-03-007P5-E1 480V 1-3P 7kW	NS	019	A	$2108.00
181112	TMI-03-007P5-E2 480V 1-3P 7kW	NS	000	A	$2328.00
259514	TMI-03-009P-E1 240V 1-3P 9kW	NS	019	A	$2231.00
181120	TMI-03-009P-E2 240V 1-3P 9kW	NS	000	A	$2451.00
259522	TMI-03-009P-E1 480V 1-3P 9kW	NS	022	A	$2231.00
181067	TMI-03-009P-E2 480V 1-3P 9kW	NS	022	A	$2451.00
259506	TMI-03-009P-E1 480V 1-1P 9kW	NS	022	A	$2231.00
181059	TMI-03-009P-E2 480V 1-1P 9kW	NS	022	A	$2451.00

5 INCH 150 LB. STEEL FLANGE

256292	TMI-06-009P-E1 240V 1-3P 9kW	NS	032	A	$2954.00
182406	TMI-06-009P-E2 240V 1-3P 9kW	NS	032	A	$3443.00
182414	TMI-06-009P-E4 240V 1-3P 9kW	NS	032	A	$3443.00
259637	TMI-06-009P-E1 480V 1-3P 9kW	NS	032	A	$2954.00
182422	TMI-06-009P-E2 480V 1-3P 9kW	NS	032	A	$3443.00
182430	TMI-06-009P-E4 480V 1-3P 9kW	NS	032	A	$3443.00
256305	TMI-06-012P-E1 240V 1-3P 12kW	NS	033	A	$3211.00
182449	TMI-06-012P-E2 240V 1-3P 12kW	NS	033	A	$3700.00
182457	TMI-06-012P-E4 240V 1-3P 12kW	NS	033	A	$3700.00
259661	TMI-06-012P-E1 480V 1-3P 12kW	NS	033	A	$3211.00
182465	TMI-06-012P-E2 480V 1-3P 12kW	NS	033	A	$3700.00
182473	TMI-06-012P-E4 480V 1-3P 12kW	NS	033	A	$3700.00
259696	TMI-06-015P-E1 240V 1-3P 15kW	NS	035	A	$3456.00
182481	TMI-06-015P-E2 240V 1-3P 15kW	NS	035	A	$3945.00
182490	TMI-06-015P-E4 240V 1-3P 15kW	NS	035	A	$3945.00
259709	TMI-06-015P-E1 480V 1-3P 15kW	NS	035	A	$3456.00
182502	TMI-06-015P-E2 480V 1-3P 15kW	NS	035	A	$3945.00
182510	TMI-06-015P-E4 480V 1-3P 15kW	NS	035	A	$3945.00
259733	TMI-06-020P-E1 240V 2-3P 20kW	NS	038	A	$3834.00
182529	TMI-06-020P-E2 240V 2-3P 20kW	NS	038	A	$4323.00
182537	TMI-06-020P-E4 240V 2-3P 20kW	NS	038	A	$4323.00
259741	TMI-06-020P-E1 480V 1-3P 20kW	NS	038	A	$3834.00
182545	TMI-06-020P-E2 480V 1-3P 20kW	NS	038	A	$4323.00
182553	TMI-06-020P-E4 480V 1-3P 20kW	NS	038	A	$4323.00
182561	TMI-06-025P-E1 240V 2-3P 25kW	NS	042	A	$4258.00
182570	TMI-06-025P-E2 240V 2-3P 25kW	NS	042	A	$4747.00
182588	TMI-06-025P-E4 240V 2-3P 25kW	NS	042	A	$4747.00
182596	TMI-06-025P-E1 480V 1-3P 25kW	NS	042	A	$4258.00
182609	TMI-06-025P-E2 480V 1-3P 25kW	NS	042	A	$4747.00
182617	TMI-06-025P-E4 480V 1-3P 25kW	NS	042	A	$4747.00
182625	TMI-06-030P-E1 240V 2-3P 30kW	NS	046	A	$4683.00
182633	TMI-06-030P-E2 240V 2-3P 30kW	NS	046	A	$5172.00
182641	TMI-06-030P-E4 240V 2-3P 30kW	NS	046	A	$5172.00
182650	TMI-06-030P-E1 480V 2-3P 30kW	NS	046	A	$4683.00
182668	TMI-06-030P-E2 480V 2-3P 30kW	NS	046	A	$5172.00
182676	TMI-06-030P-E4 480V 2-3P 30kW	NS	046	A	$5172.00

TM IMMERSION HEATERS INCOLOY ELEMENTS 23 WATTS/SQ.IN. 429

6 INCH 150 LB. STEEL FLANGE

291952	TMI-12-036P-E1 240V 2-3P 36kW	NS	111	A	$6139.00
197173	TMI-12-036P-E1 480V 1-3P 36kW	NS	111	A	$6139.00
186466	TMI-12-036P-E2 240V 2-3P 36kW	NS	119	A	$7079.00
186482	TMI-12-036P-E2 480V 1-3P 36kW	NS	119	A	$7079.00
186474	TMI-12-036P-E4 240V 2-3P 36kW	NS	117	A	$6865.00
186490	TMI-12-036P-E4 480V 1-3P 36kW	NS	117	A	$6865.00
197122	TMI-12-030P-E1 240V 2-3P 30kW	NS	084	A	$5648.00
197149	TMI-12-030P-E1 480V 1-3P 30kW	NS	084	A	$5648.00
186423	TMI-12-030P-E2 240V 2-3P 30kW	NS	092	A	$6589.00
186440	TMI-12-030P-E2 480V 1-3P 30kW	NS	092	A	$6589.00
186431	TMI-12-030P-E4 240V 2-3P 30kW	NS	090	A	$6374.00
186458	TMI-12-030P-E4 480V 1-3P 30kW	NS	090	A	$6374.00
197093	TMI-12-024P-E1 240V 2-3P 24kW	NS	076	A	$5158.00
197114	TMI-12-024P-E1 480V 1-3P 24kW	NS	076	A	$5158.00
186386	TMI-12-024P-E2 240V 2-3P 24kW	NS	084	A	$6098.00
186407	TMI-12-024P-E2 480V 1-3P 24kW	NS	084	A	$6098.00
186394	TMI-12-024P-E4 240V 2-3P 24kW	NS	082	A	$5884.00
186415	TMI-12-024P-E4 480V 1-3P 24kW	NS	082	A	$5884.00
197069	TMI-12-018P-E1 240V 1-3P 18kW	NS	067	A	$4644.00
197085	TMI-12-018P-E1 480V 1-3P 18kW	NS	067	A	$4644.00
186360	TMI-12-018P-E2 240V 1-3P 18kW	NS	067	A	$5585.00
186343	TMI-12-018P-E2 480V 1-3P 18kW	NS	075	A	$5585.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
186351	TMI-12-018P-E4	240V 1-3P 18kW	NS	073	A	$5370.00
186378	TMI-12-018P-E4	480V 1-3P 18kW	NS	073	A	$5370.00
8 INCH 150 LB. STEEL FLANGE						
197270	TMI-18-030P-E1	240V 3-3P 30kW	NS	112	A	$7256.00
197296	TMI-18-030P-E1	480V 3-3P 30kW	NS	112	A	$7256.00
030701	TMI-18-030P-E2	240V 3-3P 30kW	NS	120	A	$8410.00
030710	TMI-18-030P-E2	480V 3-3P 30kW	NS	120	A	$8410.00
030760	TMI-18-030P-E4	240V 3-3P 30kW	NS	120	A	$8147.00
030779	TMI-18-030P-E4	480V 3-3P 30kW	NS	120	A	$8147.00
197309	TMI-18-040P-E1	240V 3-3P 40kW	NS	125	A	$8303.00
197325	TMI-18-040P-E1	480V 3-3P 40kW	NS	125	A	$8303.00
030728	TMI-18-040P-E2	240V 3-3P 40kW	NS	135	A	$9457.00
030736	TMI-18-040P-E2	480V 3-3P 40kW	NS	135	A	$9457.00
030787	TMI-18-040P-E4	240V 3-3P 40kW	NS	135	A	$9194.00
030795	TMI-18-040P-E4	480V 3-3P 40kW	NS	135	A	$9194.00
197333	TMI-18-050P-E1	240V 3-3P 50kW	NS	130	A	$9107.00
197350	TMI-18-050P-E1	480V 3-3P 50kW	NS	130	A	$9107.00
030744	TMI-18-050P-E2	240V 3-3P 50kW	NS	000	A	$10261.00
030752	TMI-18-050P-E2	480V 3-3P 50kW	NS	000	A	$10261.00
030808	TMI-18-050P-E4	240V 3-3P 50kW	NS	000	A	$9998.00
030816	TMI-18-050P-E4	480V 3-3P 50kW	NS	000	A	$9998.00

TMI IMMERSION HEATERS INCOLOY ELEMENTS 20 WATTS/SQ.IN. 433

10 INCH 150 LB. STEEL FLANGE						
197544	TMI-27-045P-E1	240V 3-3P 45kW	NS	135	A	$10276.00
096161	TMI-27-045P-E2	240V 3-3P 45kW	NS	145	A	$11644.00
096225	TMI-27-045P-E4	240V 3-3P 45kW	NS	145	A	$11332.00
197552	TMI-27-045P-E1	480V 3-3P 45kW	NS	135	A	$10276.00
096170	TMI-27-045P-E2	480V 3-3P 45kW	NS	145	A	$11644.00
096233	TMI-27-045P-E4	480V 3-3P 45kW	NS	145	A	$11332.00
197560	TMI-27-060P-E1	240V 3-3P 60kW	NS	165	A	$11847.00
096188	TMI-27-060P-E2	240V 3-3P 60kW	NS	175	A	$13215.00
096241	TMI-27-060P-E4	240V 3-3P 60kW	NS	175	A	$12903.00
197579	TMI-27-060P-E1	480V 3-3P 60kW	NS	165	A	$11847.00
096196	TMI-27-060P-E2	480V 3-3P 60kW	NS	175	A	$13215.00
096250	TMI-27-060P-E4	480V 3-3P 60kW	NS	175	A	$12903.00
197587	TMI-27-075P-E1	240V 3-3P 75kW	NS	200	A	$13053.00
096209	TMI-27-075P-E2	240V 3-3P 75kW	NS	200	A	$14421.00
096268	TMI-27-075P-E4	240V 3-3P 75kW	NS	200	A	$14109.00
197595	TMI-27-075P-E1	480V 3-3P 75kW	NS	200	A	$13053.00
096217	TMI-27-075P-E2	480V 3-3P 75kW	NS	200	A	$14421.00
096276	TMI-27-075P-E4	480V 3-3P 75kW	NS	200	A	$14109.00
12 INCH 150 LB. STEEL FLANGE						
197608	TMI-36-060P-E1	240V 3-3P 60kW	NS	175	A	$13352.00
096284	TMI-36-060P-E2	240V 3-3P 60kW	NS	185	A	$14977.00
096348	TMI-36-060P-E4	240V 3-3P 60kW	NS	185	A	$14606.00
197616	TMI-36-060P-E1	480V 3-3P 60kW	NS	175	A	$13352.00
096292	TMI-36-060P-E2	480V 3-3P 60kW	NS	185	A	$14977.00
096356	TMI-36-060P-E4	480V 3-3P 60kW	NS	185	A	$14606.00
197624	TMI-36-080P-E1	240V 3-3P 80kW	NS	210	A	$15447.00
096305	TMI-36-080P-E2	240V 3-3P 80kW	NS	220	A	$17071.00
096364	TMI-36-080P-E4	240V 3-3P 80kW	NS	220	A	$16701.00
197632	TMI-36-080P-E1	480V 3-3P 80kW	NS	210	A	$15447.00
096313	TMI-36-080P-E2	480V 3-3P 80kW	NS	220	A	$17071.00
096372	TMI-36-080P-E4	480V 3-3P 80kW	NS	220	A	$16701.00
197640	TMI-36-100P-E1	240V 3-3P 100kW	NS	250	A	$17055.00
096321	TMI-36-100P-E2	240V 3-3P 100kW	NS	260	A	$18679.00
096380	TMI-36-100P-E4	240V 3-3P 100kW	NS	000	A	$18309.00
197659	TMI-36-100P-E1	480V 3-3P 100kW	NS	250	A	$17055.00
096330	TMI-36-100P-E2	480V 3-3P 100kW	NS	260	A	$18679.00
096399	TMI-36-100P-E4	480V 3-3P 100kW	NS	260	A	$18309.00
14 INCH 150 LB. STEEL FLANGE						
197667	TMI-45-075P-E1	240V 3-3P 75kW	NS	195	A	$16284.00
096401	TMI-45-075P-E2	240V 3-3P 75kW	NS	205	A	$18079.00
096460	TMI-45-075P-E4	240V 3-3P 75kW	NS	205	A	$17670.00
197675	TMI-45-075P-E1	480V 3-3P 75kW	NS	195	A	$16284.00
096410	TMI-45-075P-E2	480V 3-3P 75kW	NS	205	A	$18079.00
096479	TMI-45-075P-E4	480V 3-3P 75kW	NS	205	A	$17670.00
197683	TMI-45-100P-E1	240V 3-3P 100kW	NS	225	A	$18902.00
096428	TMI-45-100P-E2	240V 3-3P 100kW	NS	235	A	$20698.00
096487	TMI-45-100P-E4	240V 3-3P 100kW	NS	235	A	$20288.00
197691	TMI-45-100P-E1	480V 3-3P 100kW	NS	225	A	$18902.00
096436	TMI-45-100P-E2	480V 3-3P 100kW	NS	235	A	$20698.00
096495	TMI-45-100P-E4	480V 3-3P 100kW	NS	235	A	$20288.00
197704	TMI-45-125P-E1	240V 3-3P 125kW	NS	270	A	$20912.00
096444	TMI-45-125P-E2	240V 3-3P 125kW	NS	280	A	$22708.00
096508	TMI-45-125P-E4	240V 3-3P 125kW	NS	280	A	$22298.00
197712	TMI-45-125P-E1	480V 3-3P 125kW	NS	270	A	$20912.00
096452	TMI-45-125P-E2	480V 3-3P 125kW	NS	280	A	$22708.00
096532	TMI-45-125P-E4	480V 3-3P 125kW	NS	280	A	$22298.00
15 WATTS/SQ.IN.						
3 INCH 150 LB. STAINLESS STEEL FLANGE						
231802	TMIS-03-002P-E1	240V 1-3P 2kW	NS	016	A	$2100.00
231810	TMIS-03-002P-E1	480V 1-3P 2kW	NS	016	A	$2100.00
030824	TMIS-03-002P-E2	240V 1-3P 2kW	NS	019	A	$2320.00
030832	TMIS-03-002P-E2	480V 1-3P 2kW	NS	019	A	$2320.00
030840	TMIS-03-004P-E2	240V 1-3P 4kW	NS	019	A	$2561.00
030859	TMIS-03-004P-E2	480V 1-3P 4kW	NS	019	A	$2561.00
231829	TMIS-03-004P-E1	240V 1-3P 4kW	NS	018	A	$2341.00
231837	TMIS-03-004P-E1	480V 1-3P 4kW	NS	018	A	$2341.00
231845	TMIS-03-006P-E1	240V 1-3P 6kW	NS	021	A	$2581.00
030867	TMIS-03-006P-E2	240V 1-3P 6kW	NS	025	A	$2801.00
030875	TMIS-03-006P-E2	480V 1-3P 6kW	NS	025	A	$2801.00
231853	TMIS-03-006P-E1	480V 1-3P 6kW	NS	021	A	$2581.00
5 INCH 150 LB. STAINLESS STEEL FLANGE						
231861	TMIS-06-004P-E1	240V 1-3P 4kW	NS	027	A	$3531.00
231870	TMIS-06-004P-E1	480V 1-3P 4kW	NS	027	A	$3531.00
030883	TMIS-06-004P-E2	240V 1-3P 4kW	NS	031	A	$4020.00
030891	TMIS-06-004P-E2	480V 1-3P 4kW	NS	031	A	$4020.00
030947	TMIS-06-004P-E4	240V 1-3P 4kW	NS	031	A	$4020.00
030955	TMIS-06-004P-E4	480V 1-3P 4kW	NS	031	A	$4020.00
231888	TMIS-06-008P-E1	240V 1-3P 8kW	NS	033	A	$4012.00
231896	TMIS-06-008P-E1	480V 1-3P 8kW	NS	033	A	$4012.00
030904	TMIS-06-008P-E2	240V 1-3P 8kW	NS	038	A	$4501.00
030912	TMIS-06-008P-E2	480V 1-3P 8kW	NS	038	A	$4501.00
030963	TMIS-06-008P-E4	240V 1-3P 8kW	NS	038	A	$4501.00
030971	TMIS-06-008P-E4	480V 1-3P 8kW	NS	038	A	$4501.00
231909	TMIS-06-012P-E1	240V 1-3P 12kW	NS	037	A	$4494.00
231917	TMIS-06-012P-E1	480V 1-3P 12kW	NS	037	A	$4494.00
030920	TMIS-06-012P-E2	240V 1-3P 12kW	NS	042	A	$4983.00
030939	TMIS-06-012P-E2	480V 1-3P 12kW	NS	042	A	$4983.00
030980	TMIS-06-012P-E4	240V 1-3P 12kW	NS	042	A	$4983.00
030998	TMIS-06-012P-E4	480V 1-3P 12kW	NS	042	A	$4983.00
6 INCH 150 LB. STAINLESS STEEL FLANGE						

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PCN	DESCRIPTION	SS	WT	D	PRICE
231925	TMIS-12-008P-E1 240V 1-3P 8kW	NS	060	A	$5171.00
231933	TMIS-12-008P-E1 480V 1-3P 8kW	NS	060	A	$5171.00
031000	TMIS-12-008P-E2 240V 1-3P 8kW	NS	065	A	$6112.00
031018	TMIS-12-008P-E2 480V 1-3P 8kW	NS	065	A	$6112.00
031106	TMIS-12-008P-E4 240V 1-3P 8kW	NS	070	A	$5897.00
031114	TMIS-12-008P-E4 480V 1-3P 8kW	NS	070	A	$5897.00
231941	TMIS-12-012P-E1 240V 1-3P 12kW	NS	067	A	$5630.00
231950	TMIS-12-012P-E1 480V 1-3P 12kW	NS	067	A	$5630.00
031026	TMIS-12-012P-E2 240V 1-3P 12kW	NS	072	A	$6570.00
031034	TMIS-12-012P-E2 480V 1-3P 12kW	NS	000	A	$6570.00
031122	TMIS-12-012P-E4 240V 1-3P 12kW	NS	072	A	$6356.00
031130	TMIS-12-012P-E4 480V 1-3P 12kW	NS	072	A	$6356.00
231968	TMIS-12-016P-E1 240V 1-3P 16kW	NS	076	A	$6134.00
231976	TMIS-12-016P-E1 480V 1-3P 16kW	NS	076	A	$6134.00
031042	TMIS-12-016P-E2 240V 1-3P 16kW	NS	081	A	$7075.00
031050	TMIS-12-016P-E2 480V 1-3P 16kW	NS	081	A	$7075.00
031149	TMIS-12-016P-E4 240V 1-3P 16kW	NS	081	A	$6860.00
031157	TMIS-12-016P-E4 480V 1-3P 16kW	NS	082	A	$6860.00
231984	TMIS-12-020P-E1 240V 1-3P 20kW	NS	084	A	$6616.00
231992	TMIS-12-020P-E1 480V 1-3P 20kW	NS	084	A	$6616.00
031069	TMIS-12-020P-E2 240V 1-3P 20kW	NS	089	A	$7556.00
031077	TMIS-12-020P-E2 480V 1-3P 20kW	NS	089	A	$7556.00
031165	TMIS-12-020P-E4 240V 1-3P 20kW	NS	089	A	$7342.00
031173	TMIS-12-020P-E4 480V 1-3P 20kW	NS	089	A	$7342.00
232004	TMIS-12-024P-E1 240V 1-3P 24kW	NS	111	A	$7097.00
234018	TMIS-12-024P-E1 480V 1-3P 24kW	NS	111	A	$7097.00
031085	TMIS-12-024P-E2 240V 1-3P 24kW	NS	121	A	$8038.00
031093	TMIS-12-024P-E2 480V 1-3P 24kW	NS	121	A	$8038.00
031181	TMIS-12-024P-E4 240V 1-3P 24kW	NS	121	A	$7823.00
031190	TMIS-12-024P-E4 480V 1-3P 24kW	NS	121	A	$7823.00

TTSF IMMERSION HEATERS 436

INCOLOY ELEMENTS, 2.5 INCH SQUARE STEEL FLANGE

203123	TTSFISF-317-50B 208V3P 5KW	NS	002	A	$413.00
203131	TTSFISF-317-50B 240V3P 5KW	NS	002	A	$413.00
202526	TTSFISF-317-100B 208V3P 10KW	NS	003	A	$466.00
202534	TTSFISF-317-100B 240V3P 10KW	NS	003	A	$466.00
202542	TTSFISF-317-100B 480V3P 10KW	ST	003	A	$466.00
202497	TTSFISF-317-150B 208V3P 15KW	NS	004	A	$504.00
202500	TTSFISF-317-150B 240V3P 15KW	NS	004	A	$504.00
202489	TTSFISF-317-150B 480V3P 15KW	ST	004	A	$519.00

COPPER ELEMENTS & FACEPLATE

292550	TTSFBF-310-135 208V3P 13.5KW	NS	002	A	$346.00
292568	TTSFBF-310-135 480V3P 13.5KW	NS	002	A	$346.00
292541	TTSFBF-310-150 480V3P 15KW	ST	002	A	$443.00
292533	TTSFBF-310-180 480V3P 18KW	ST	002	A	$473.00

COPPER ELEMENTS TIN PLATED, STEEL FLANGE TIN PLATED

299524	TTSF-2025 120V1P 2500W	NS	002	A	$401.00

FLANGED IMMERSION SPECIAL FEATURES

ANSI Flange Size

3"	5"	6"	8"	10"	12"	14"
No. of elements						
3 elems	6 elems	12 elems	18 elems	27 elems	36 elems	45 elems
300 lb. Steel						
$121.00	$272.00	$336.00	$520.00	$912.00	$1345.00	$1633.00
150 lb. Stainless Steel (304)						
$364.00	$819.00	$1012.00	$1569.00	$2750.00	$4056.00	$4925.00
300 lb. Stainless Steel (304)						

PCN	DESCRIPTION	SS	WT	D	PRICE

$543.00	$1223.00	$1511.00	$2342.00	$4150.00	$6053.00	$7351.00	
TERMINAL ENCLOSURE							
Moisture Resistant (E4)							
$220.00	$489.00	$726.00	$891.00	$1056.00	$1254.00	$1386.00	
Explosion Resistant (E2)							
$220.00	$489.00	$941.00	$1154.00	$1368.00	$1625.00	$1796.00	
FLEXITALLIC GASKET							
150 lb.							
$35.00	$59.00	$71.00	$94.00	$118.00	$142.00	$165.00	
300 lb.							
$46.00	$77.00	$92.00	$123.00	$153.00	$184.00	$215.00	
ASME Design and certified							
$533.00	$710.00	$781.00	$959.00	$1136.00	$1349.00	$1491.00	

1. New Item Engineering Charge	$200
Minimum line value for no charge	$500
2. 550 volt rating per item plus New Item Engineering Charge.	5%
3. Type 316 stainless steel elements (add to base list of 304SST heater)	20%
5. Overtemperature protection thermocouple welded to sheath (specify type K or type J).	
- without thermocouple terminal block housing	$315
- with moisture resistant T/C housing	$525
- with explosion resistant T/C housing	$610
6. BUILT-IN AR TYPE THERMOSTAT (non-stock option.)	$325
7. CRN Pressure Vessel (also add price of ASME D&C)	$1050

SPECIAL DOCUMENTATION CHARGES

If your customer requires special documentation please refer to Page 1 of the price book for pricing & instructions

282810	FLEXITALLIC GASKET3IN 150LB	ST	001	C	$33.00
282829	FLEXITALLIC GASKET5IN 150LB	ST	001	C	$43.00

RI IMMERSION HEATERS 441

138528	RI-100 120V1P 100W	NS	000	A	$172.00
138544	RI-250 120V1P 250W	NS	000	A	$179.00
138536	RI-250 240V1P 250W	NS	000	A	$179.00
138675	RI-500 120V1P 500W	NS	001	A	$188.00
138667	RI-500 240V1P 500W	ST	001	A	$188.00
138552	RI-750 120V1P 750W	NS	001	A	$201.00
138659	RI-750 240V1P 750W	NS	001	A	$201.00
138579	RI-1300 120V1P 300W	NS	001	A	$187.00
138560	RI-1300 240V1P 300W	NS	001	A	$187.00
138595	RI-1500 120V1P 500W	NS	001	A	$201.00
138587	RI-1500 240V1P 500W	NS	001	A	$201.00
138616	RI-1750 120V1P 750W	NS	001	A	$214.00
138608	RI-1750 240V1P 750W	NS	001	A	$214.00
138640	RI-1100 120V1P 1000W	NS	001	A	$235.00
138632	RI-1100 240V1P 1000W	NS	001	A	$235.00
138683	RIO-150 120V1P 150W	ST	000	A	$179.00
138691	RIO-300 120V1P 300W	NS	001	A	$188.00
138704	RIO-300 240V1P 300W	NS	001	A	$188.00
138712	RIO-500 120V1P 500W	NS	001	A	$201.00
138720	RIO-500 240V1P 500W	NS	001	A	$201.00
138739	RIO-1200 120V1P 200W	NS	001	A	$187.00
138747	RIO-1200 240V1P 200W	NS	001	A	$187.00
138755	RIO-1300 120V1P 300W	NS	001	A	$201.00
138763	RIO-1300 240V1P 300W	NS	001	A	$201.00
138771	RIO-1500 120V1P 500W	NS	001	A	$214.00
138780	RIO-1500 240V1P 500W	NS	001	A	$214.00
138798	RIO-1600 120V1P 600W	NS	001	A	$235.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
138800	RIO-1600 240V1P 600W	NS	001	A	$235.00
253323	RIN-10 120V1P 100W	ST	000	A	$209.00
253331	RIN-25 120V1P 250W	ST	000	A	$218.00
253340	RIN-25 240V1P 250W	NS	000	A	$218.00
253358	RIN-50 120V1P 500W	ST	001	A	$245.00
253366	RIN-50 240V1P 500W	NS	000	A	$245.00
253374	RIN-75 120V1P 750W	NS	001	A	$269.00
253382	RIN-75 240V1P 750W	NS	001	A	$269.00
253390	RIN-130 120V1P 300W	NS	001	A	$242.00
253403	RIN-130 240V1P 300W	NS	001	A	$242.00
253411	RIN-150 120V1P 500W	NS	001	A	$269.00
253420	RIN-150 240V1P 500W	NS	001	A	$269.00
253438	RIN-175 120V1P 750W	NS	001	A	$309.00
253446	RIN-175 240V1P 750W	NS	001	A	$309.00
253489	RINO-15 240V1P 150W	ST	000	A	$237.00
253454	RIN-1100 120V1P 1000W	NS	001	A	$350.00
253462	RIN-1100 240V1P 1000W	NS	001	A	$350.00
253470	RINO-15 120V1P 150W	ST	000	A	$236.00
253497	RINO-30 120V1P 300W	ST	001	A	$247.00
253500	RINO-30 240V1P 300W	NS	001	A	$247.00
253518	RINO-50 120V1P 500W	NS	001	A	$291.00
253526	RINO-50 240V1P 500W	NS	001	A	$291.00
253534	RINO-120 120V1P 200W	NS	001	A	$281.00
253542	RINO-120 240V1P 200W	NS	001	A	$281.00
253550	RINO-130 120V1P 300W	ST	001	A	$294.00
253569	RINO-130 240V1P 300W	NS	001	A	$294.00
253577	RINO-150 120V1P 500W	ST	001	A	$318.00
253585	RINO-150 240V1P 500W	ST	001	A	$318.00
253593	RINO-160 120V1P 600W	ST	001	A	$347.00
253606	RINO-160 240V1P 600W	NS	001	A	$347.00
253745	RIS-255 120V1P 250W	NS	000	A	$437.00
253761	RIS-505 120V1P 500W	NS	001	A	$484.00
253788	RIS-755 120V1P 750W	NS	001	A	$519.00

Special features - RIN, RINO

1. New Item Engineering Charge (prorated over line quantity	$125
Minimum line value for no charge	$500
2. Extra type A lead longer than 10 inches for each foot or fraction over standard 10 in. length.	$3
Minimum per line charge for leads	$17

Special features-RIS

1. New Item Engineering Charge (prorated over line quantity	$125
Minimum line value for no charge	$500

TM,TMO,TMW W/O HOUSINGS 442

1 INCH COPPER

138819	MT-1036G 120V1P 350W	NS	001	A	$150.00
138827	MT-1051G 120V1P 500W	NS	001	A	$158.00
138835	MT-1051G 240V1P 500W	NS	001	A	$158.00
138843	MT-1076G 120V1P 750W	NS	001	A	$169.00
138851	MT-1076G 240V1P 750W	NS	001	A	$169.00
138860	MT-1101G 120V1P 1000W	NS	001	A	$185.00
138878	MT-1101G 240V1P 1000W	NS	001	A	$185.00
138886	MT-1415G 120V1P 1500W	NS	001	A	$221.00
138894	MT-1415G 240V1P 1500W	NS	001	A	$221.00

1 INCH STEEL

138907	MTO-1036G 120V1P 350W	NS	000	A	$155.00
138915	MTO-1051G 120V1P 500W	NS	001	A	$184.00
138923	MTO-1051G 240V1P 500W	NS	001	A	$184.00
138931	MTO-1076G 120V1P 750W	NS	001	A	$206.00
138940	MTO-1076G 240V1P 750W	NS	001	A	$206.00
138958	MTO-1091G 120V1P 900W	NS	002	A	$224.00
138966	MTO-1091G 240V1P 900W	ST	002	A	$225.00

1 INCH COPPER WITH THERMO WELL

138974	TMW-1036 120V1P 350W	NS	001	A	$120.00
138982	TMW-1051 120V1P 500W	NS	001	A	$128.00
138990	TMW-1051 240V1P 500W	NS	001	A	$128.00
139002	TMW-1060 120V1P 600W	NS	001	A	$134.00
139010	TMW-1060 240V1P 600W	NS	001	A	$134.00
139029	TMW-1076 120V1P 750W	NS	000	A	$139.00
139037	TMW-1076 240V1P 750W	NS	001	A	$139.00
139045	TMW-1101 120V1P 1000W	ST	001	A	$143.00
139053	TMW-1101 240V1P 1000W	NS	001	A	$143.00
139061	TMW-1121 120V1P 1250W	NS	000	A	$156.00
139070	TMW-1121 240V1P 1250W	ST	001	A	$156.00
139088	TMW-1415 120V1P 1500W	NS	002	A	$186.00
139096	TMW-1415 240V1P 1500W	ST	002	A	$186.00
139109	TMW-1200 120V1P 2000W	ST	002	A	$214.00
139117	TMW-1200 240V1P 2000W	ST	002	A	$214.00
139125	TMW-1250 120V1P 2500W	NS	003	A	$226.00
139133	TMW-1250 240V1P 2500W	NS	003	A	$220.00
139141	TMW-1430 240V1P 3000W	NS	000	A	$223.00

TMWS WITHOUT HOUSINGS 447

1 INCH STAINLESS WITH WELL

328655	TMWS-1076 120V1P 750W	NS	000	A	$189.00
328663	TMWS-1076 240V1P 750W	NS	000	A	$189.00
328671	TMWS-1101 120V1P 1000W	NS	000	A	$197.00
328680	TMWS-1101 240V1P 1000W	NS	000	A	$197.00
328698	TMWS-1121 120V1P 1250W	NS	000	A	$212.00
328700	TMWS-1121 240V1P 1250W	NS	000	A	$212.00
328719	TMWS-1415 120V1P 1500W	NS	000	A	$250.00
328727	TMWS-1415 240V1P 1500W	NS	000	A	$250.00
328735	TMWS-1200 120V1P 2000W	NS	000	A	$296.00
328743	TMWS-1200 240V1P 2000W	NS	000	A	$296.00
328751	TMWS-1250 240V1P 2500W	NS	000	A	$300.00
328760	TMWS-1430 240V1P 3000W	NS	000	A	$308.00

MT 1 INCH BRASS COPPER ELEMENT

036290	MT-750 240V1P0.75KW	FS	000	A	$156.00
036302	MT-1000 120V1P1KW	FS	000	A	$162.00
036310	MT-1000 240V1P1KW	FS	000	A	$162.00
036329	MT-1250 120V1P1.25KW	FS	000	A	$173.00
036337	MT-1250 240V1P1.25KW	FS	000	A	$173.00
036345	MT-1500 120V1P1.5KW	FS	000	A	$181.00
036353	MT-1500 240V1P1.5KW	FS	000	A	$181.00
036361	MT-2000 120V1P2KW	FS	000	A	$199.00
036370	MT-2000 240V1P2KW	FS	000	A	$199.00
036388	MT-2500 120V1P2.5KW	FS	000	A	$220.00
036396	MT-2500 240V1P2.5KW	FS	000	A	$220.00
036409	MT-3000 120V1P3KW	FS	000	A	$239.00
036417	MT-3000 240V1P3KW	FS	000	A	$239.00
060003	MT-750E4TP 120V1P 750W	FS	000	A	$296.00
060011	MT-750E4TP 240V1P 750W	FS	000	A	$296.00
060020	MT-1000E4TP 120V1P 1000W	FS	000	A	$302.00
060038	MT-1000E4TP 240V1P 1000W	FS	000	A	$302.00
060046	MT-1250E4TP 120V1P 1250W	FS	000	A	$313.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
060054	MT-1250E4TP 240V1P 1250W	FS	000	A	$313.00
060062	MT-1500E4TP 120V1P 1500W	FS	000	A	$321.00
060070	MT-1500E4TP 240V1P 1500W	FS	000	A	$321.00
060089	MT-2000E4TP 120V1P 2000W	FS	000	A	$340.00
060097	MT-2000E4TP 240V1P 2000W	FS	000	A	$340.00
060100	MT-2500E4TP 120V1P 2500W	FS	000	A	$360.00
060118	MT-2500E4TP 240V1P 2500W	FS	000	A	$360.00
060126	MT-3000E4TP 120V1P 3000W	FS	000	A	$379.00
060134	MT-3000E4TP 240V1P 3000W	FS	000	A	$379.00
036425	MT-750E2 120V1P0.75KW	FS	000	A	$364.00
036433	MT-750E2 240V1P0.75KW	FS	000	A	$364.00
036441	MT-1000E2 120V1P1KW	FS	000	A	$369.00
036450	MT-1000E2 240V1P1KW	FS	000	A	$369.00
036468	MT-1250E2 120V1P1.25KW	FS	000	A	$381.00
036476	MT-1250E2 240V1P1.25KW	FS	000	A	$381.00
036484	MT-1500E2 120V1P1.5KW	FS	000	A	$388.00
036492	MT-1500E2 240V1P1.5KW	FS	000	A	$388.00
036505	MT-2000E2 120V1P2KW	FS	000	A	$407.00
036513	MT-2000E2 240V1P2KW	FS	000	A	$407.00
036521	MT-2500E2 120V1P2.5KW	FS	000	A	$427.00
036530	MT-2500E2 240V1P2.5KW	FS	000	A	$427.00
036548	MT-3000E2 120V1P3KW	FS	000	A	$446.00
036556	MT-3000E2 240V1P3KW	FS	000	A	$446.00

ARTM IMMERSION HEATERS 447

1 INCH COPPER WITH THERMO

191257	ARMT-750T4 120V1P 750W	ST	002	A	$213.00
186087	ARMT-750T5 120V1P 750W	FS	002	A	$213.00
186095	ARMT-750T8 120V1P 750W	FS	002	A	$213.00
182684	ARMT-750E2T4 120V1P 750W	FS	005	A	$421.00
191265	ARMT-750T4 240V1P 750W	ST	002	A	$213.00
186108	ARMT-750T5 240V1P 750W	FS	002	A	$213.00
186116	ARMT-750T8 240V1P 750W	FS	002	A	$213.00
182692	ARMT-750E2T4 240V1P 750W	FS	005	A	$421.00
319724	ARMT-750E2T5 120V1P 750W	FS	005	A	$421.00
319732	ARMT-750E2T8 120V1P 750W	FS	005	A	$421.00
319740	ARMT-750E2T5 240V1P 750W	FS	005	A	$421.00
319759	ARMT-750E2T8 240V1P 750W	FS	005	A	$421.00
191273	ARMT-1000T4 120V1P 1000W	ST	005	A	$219.00
186124	ARMT-1000T5 120V1P 1000W	FS	002	A	$219.00
186132	ARMT-1000T8 120V1P 1000W	ST	002	A	$219.00
182705	ARMT-1000E2T4 120V1P 1000W	ST	005	A	$426.00
191281	ARMT-1000T4 240V1P 1000W	ST	002	A	$219.00
186140	ARMT-1000T5 240V1P 1000W	FS	002	A	$219.00
186159	ARMT-1000T8 240V1P 1000W	FS	002	A	$219.00
182713	ARMT-1000E2T4 240V1P 1000W	FS	005	A	$426.00
319767	ARMT-1000E2T5 120V1P 1000W	FS	005	A	$426.00
319775	ARMT-1000E2T8 120V1P 1000W	FS	005	A	$426.00
319783	ARMT-1000E2T5 240V1P 1000W	FS	005	A	$427.00
319791	ARMT-1000E2T8 240V1P 1000W	FS	005	A	$427.00
191290	ARMT-1250T4 120V1P 1250W	ST	003	A	$230.00
186167	ARMT-1250T5 120V1P 1250W	FS	003	A	$230.00
186175	ARMT-1250T8 120V1P 1250W	FS	003	A	$230.00
182721	ARMT-1250E2T4 120V1P 1250W	FS	002	A	$438.00
191302	ARMT-1250T4 240V1P 1250W	FS	003	A	$230.00
186183	ARMT-1250T5 240V1P 1250W	FS	003	A	$230.00
186191	ARMT-1250T8 240V1P 1250W	FS	003	A	$230.00
182730	ARMT-1250E2T4 240V1P 1250W	FS	002	A	$438.00
319804	ARMT-1250E2T5 120V1P 1250W	FS	000	A	$438.00
319812	ARMT-1250E2T8 120V1P 1250W	FS	000	A	$438.00
319820	ARMT-1250E2T5 240V1P 1250W	FS	000	A	$438.00
319839	ARMT-1250E2T8 240V1P 1250W	FS	000	A	$438.00
191310	ARMT-1500T4 120V1P 1500W	ST	003	A	$238.00
186204	ARMT-1500T5 120V1P 1500W	ST	003	A	$238.00
186212	ARMT-1500T8 120V1P 1500W	ST	003	A	$238.00
182748	ARMT-1500E2T4 120V1P 1500W	ST	006	A	$445.00
191329	ARMT-1500T4 240V1P 1500W	ST	003	A	$238.00
186220	ARMT-1500T5 240V1P 1500W	FS	003	A	$238.00
186239	ARMT-1500T8 240V1P 1500W	FS	003	A	$238.00
182756	ARMT-1500E2T4 240V1P 1500W	FS	006	A	$445.00
319847	ARMT-1500E2T5 120V1P 1500W	FS	006	A	$445.00
319863	ARMT-1500E2T5 240V1P 1500W	FS	006	A	$445.00
319871	ARMT-1500E2T8 240V 1P 1500W	FS	006	A	$445.00
191337	ARMT-2000T4 120V1P 2000W	ST	003	A	$257.00
186247	ARMT-2000T5 120V1P 2000W	FS	003	A	$257.00
186255	ARMT-2000T8 120V1P 2000W	FS	003	A	$257.00
182764	ARMT-2000E2T4 120V1P 2000W	FS	006	A	$464.00
191345	ARMT-2000T4 240V1P 2000W	ST	003	A	$257.00
186263	ARMT-2000T5 240V1P 2000W	FS	003	A	$257.00
186271	ARMT-2000T8 240V1P 2000W	FS	003	A	$257.00
182772	ARMT-2000E2T4 240V1P 2000W	FS	006	A	$464.00
319880	ARMT-2000E2T5 120V1P 2000W	FS	000	A	$464.00
319898	ARMT-2000E2T8 120V1P 2000W	FS	000	A	$464.00
319900	ARMT-2000E2T5 240V1P 2000W	FS	006	A	$464.00
319919	ARMT-2000E2T8 240V1P 2000W	FS	006	A	$464.00
191353	ARMT-2500T4 120V1P 2500W	ST	003	A	$277.00
186280	ARMT-2500T5 120V1P 2500W	FS	003	A	$277.00
186298	ARMT-2500T8 120V1P 2500W	FS	003	A	$277.00
182780	ARMT-2500E2T4 120V1P 2500W	FS	006	A	$484.00
319927	ARMT-2500E2T5 120V1P 2500W	FS	006	A	$484.00
319935	ARMT-2500E2T8 120V1P 2500W	FS	000	A	$484.00
191361	ARMT-2500T4 240V1P 25OOW	ST	003	A	$277.00
186300	ARMT-2500T5 240V1P 2500W	FS	003	A	$277.00
186319	ARMT-2500T8 240V1P 2500W	FS	003	A	$277.00
182799	ARMT-2500E2T4 240V1P 2500W	FS	006	A	$484.00
319943	ARMT-2500E2T5 240V1P 2500W	FS	000	A	$484.00
319951	ARMT-2500E2T8 240V1P 2500W	FS	000	A	$484.00
191388	ARMT-3000T4 240V1P 3000W	ST	003	A	$296.00
186327	ARMT-3000T5 240V1P 3000W	FS	003	A	$296.00
186335	ARMT-3000T8 240V1P 3000W	FS	003	A	$296.00
182801	ARMT-3000E2T4 240V1P 3000W	FS	006	A	$503.00
319960	ARMT-3000E2T5 240V1P 3000W	FS	006	A	$503.00
319978	ARMT-3000E2T8 240V1P 3000W	FS	006	A	$503.00

SPECIALTY 1 INCH SCREWPLUG

207861	ARMT-3X664 240V1P 3000W	FS	000	A	$332.00
279179	ARMT-6X691 240V1P 6000W	ST	003	A	$437.00

SCREW PLUG MTS 1 INCH STAINLESS STEEL W/O THERMOSTAT 446

037049	MTS-750 120V1P0.75KW	FS	000	A	$448.00
037057	MTS-750 240V1P0.75KW	FS	000	A	$449.00
037065	MTS-1000 120V1P1KW	FS	000	A	$450.00
037073	MTS-1000 240V1P1KW	FS	000	A	$450.00
037081	MTS-1250 120V1P1.25KW	FS	000	A	$460.00
037090	MTS-1250 240V1P1.25KW	FS	000	A	$460.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
037102	MTS-1500 120V1P1.5KW	FS	000	A	$467.00
037110	MTS-1500 240V1P1.5KW	FS	000	A	$467.00
037129	MTS-2000 120V1P2KW	FS	000	A	$483.00
037137	MTS-2000 240V1P2KW	FS	000	A	$483.00
037145	MTS-2500 120V1P2.5KW	FS	000	A	$503.00
037153	MTS-2500 240V1P2.5KW	FS	000	A	$503.00
037161	MTS-3000 120V1P3KW	FS	000	A	$521.00
037170	MTS-3000 240V1P3KW	FS	000	A	$521.00
060230	MTS-750E4TP 120V1P 750W	FS	000	A	$588.00
060249	MTS-750E4TP 240V1P 750W	FS	000	A	$588.00
060257	MTS-1000E4TP 120V1P 1000W	FS	000	A	$590.00
060265	MTS-1000E4TP 240V1P 1000W	FS	000	A	$590.00
060273	MTS-1250E4TP 120V1P 1250W	FS	000	A	$600.00
060281	MTS-1250E4TP 240V1P 1250W	FS	000	A	$600.00
060290	MTS-1500E4TP 120V1P 1500W	FS	000	A	$607.00
060302	MTS-1500E4TP 240V1P 1500W	FS	000	A	$607.00
060310	MTS-2000E4TP 120V1P 2000W	FS	000	A	$623.00
060329	MTS-2000E4TP 240V1P 2000W	FS	000	A	$623.00
060337	MTS-2500E4TP 120V1P 2500W	FS	000	A	$643.00
060345	MTS-2500E4TP 240V1P 2500W	FS	000	A	$643.00
060353	MTS-3000E4TP 120V1P 3000W	FS	000	A	$661.00
060361	MTS-3000E4TP 240V1P 3000W	FS	000	A	$661.00
037188	MTS-750E2 120V1P0.75KW	FS	000	A	$656.00
037196	MTS-750E2 240V1P0.75KW	FS	000	A	$656.00
037209	MTS-1000E2 120V1P1KW	FS	000	A	$658.00
037217	MTS-1000E2 240V1P1KW	FS	000	A	$658.00
037225	MTS-1250E2 120V1P1.25KW	FS	000	A	$667.00
037233	MTS-1250E2 240V1P1.25KW	FS	000	A	$667.00
037241	MTS -1500E2 120V1P1.5KW	FS	000	A	$674.00
037250	MTS -1500E2 240V1P1.5KW	FS	000	A	$674.00
037268	MTS-2000E2 120V1P2KW	FS	000	A	$690.00
037276	MTS-2000E2 240V1P2.5KW	FS	000	A	$690.00
037284	MTS-2500E2 1200V1P2.5KW	FS	000	A	$710.00
037292	MTS-2500E2 240V1P2.5KW	FS	000	A	$710.00
037305	MTS-3000E2 120V1P3KW	FS	000	A	$729.00
037313	MTS-3000E2 240V1P3KW	FS	000	A	$729.00
	ARMTS 1" STAINLESS STEEL 447				
289019	ARMTS-750T4 120V1P 750W	NS	002	A	$505.00
289027	ARMTS-750T4 240V1P 750W	FS	002	A	$505.00
292648	ARMTS-750E2T4 120V1P 750W	FS	005	A	$713.00
292656	ARMTS-750E2T4 240V1P 750W	FS	005	A	$713.00
319206	ARMTS-750T5 120V1P 750W	FS	003	A	$505.00
319214	ARMTS-750T8 120V1P 750W	FS	003	A	$505.00
319222	ARMTS-750E2T5 120V1P 750W	FS	000	A	$713.00
319230	ARMTS-750E2T8 120V1P 750W	FS	000	A	$713.00
319249	ARMTS-750T5 240V1P 750W	FS	000	A	$505.00
319257	ARMTS-750T8 240V1P 750W	FS	000	A	$505.00
319265	ARMTS-750E2T5 240V1P 750W	FS	000	A	$713.00
319273	ARMTS-750E2T8 240V1P 750W	FS	000	A	$713.00
289035	ARMTS-1000T4 120V1P 1000W	FS	002	A	$507.00
292664	ARMTS-1000E2T4 120V1P 1000W	FS	005	A	$715.00
289043	ARMTS-1000T4 240V1P 1000W	ST	002	A	$507.00
292672	ARMTS-1000E2T4 240V1P 1000W	FS	005	A	$715.00
319281	ARMTS-1000T5 120V1P 1000W	FS	002	A	$507.00
319290	ARMTS-1000T8 120V1P 1000W	FS	002	A	$507.00
319302	ARMTS-1000E2T5 120V1P 1000W	FS	005	A	$715.00
319310	ARMTS-1000E2T8 120V1P 1000W	FS	005	A	$715.00
319329	ARMTS-1000T5 240V1P 1000W	FS	002	A	$508.00
319337	ARMTS-1000T8 240V1P 1000W	NS	000	A	$508.00
319345	ARMTS-1000E2T5 240V1P 1000W	FS	000	A	$715.00
319353	ARMTS-1000E2T8 240V1P 1000W	FS	000	A	$715.00
292592	ARMTS-1250T4 120V1P 1250W	FS	003	A	$517.00
292680	ARMTS-1250E2T4 120V1P 1250W	FS	005	A	$724.00
292605	ARMTS-1250T4 240V1P 1250W	FS	003	A	$517.00
292699	ARMTS-1250E2T4 240V1P 1250W	FS	005	A	$725.00
319361	ARMTS-1250T5 120V1P 1250W	FS	003	A	$517.00
319370	ARMTS-1250T8 120V1P 1250W	FS	003	A	$517.00
319388	ARMTS-1250E2T5 120V1P 1250W	FS	005	A	$724.00
319396	ARMTS-1250E2T8 120V1P 1250W	FS	005	A	$725.00
319409	ARMTS-1250T5 240V1P 1250W	FS	003	A	$517.00
319417	ARMTS-1250T8 240V1P 1250W	FS	003	A	$517.00
319425	ARMTS-1250E2T5 240V1P 1250W	FS	005	A	$725.00
319433	ARMTS-1250E2T8 240V1P 1250W	FS	005	A	$725.00
289051	ARMTS-1500T4 120V1P 1500W	ST	003	A	$524.00
292701	ARMTS-1500E2T4 120V1P 1500W	FS	006	A	$731.00
289060	ARMTS-1500T4 240V1P 1500W	FS	003	A	$524.00
292710	ARMTS-1500E2 240V1P 1500W	FS	006	A	$731.00
319441	ARMTS-1500T5 120V1P 1500W	FS	003	A	$524.00
319450	ARMTS-1500T8 120V1P 1500W	FS	003	A	$524.00
319468	ARMTS-1500E2T5 120V1P 1500W	FS	006	A	$731.00
319476	ARMTS-1500E2T8 120V1P 1500W	FS	006	A	$731.00
319484	ARMTS-1500T5 240V1P 1500W	FS	003	A	$524.00
319492	ARMTS-1500T8 240V1P 1500W	FS	003	A	$524.00
319505	ARMTS-1500E2T5 240V1P 1500W	FS	006	A	$731.00
319513	ARMTS-1500E2T8 240V1P 1500W	FS	006	A	$731.00
292613	ARMTS-2000T4 120V1P 2000W	FS	003	A	$540.00
292728	ARMTS-2000E2 120V1P 2000W	FS	006	A	$747.00
319521	ARMTS-2000T5 120V1P 2000W	FS	003	A	$540.00
319530	ARMTS-2000T8 120V1P 2000W	FS	003	A	$540.00
319548	ARMTS-2000E2T5 120V1P 2000W	FS	006	A	$747.00
319556	ARMTS-2000E2T8 120V1P 2000W	FS	006	A	$747.00
289078	ARMTS-2000T4 240V1P 2000W	ST	003	A	$540.00
292736	ARMTS-2000E2T4 240V1P 2000W	FS	006	A	$747.00
319564	ARMTS-2000T5 240V1P 2000W	FS	003	A	$540.00
319572	ARMTS-2000T8 240V1P 2000W	FS	003	A	$540.00
319582	ARMTS-2000E2T5 240V1P 2000W	FS	006	A	$747.00
319599	ARMTS-2000E2T8 240V1P 2000W	FS	006	A	$747.00
319601	ARMTS-2500T5 120V1P 2500W	FS	003	A	$560.00
319628	ARMTS-2500E2T5 120V1P 2500W	FS	006	A	$767.00
292621	ARMTS-2500T4 120V1P 2500W	FS	003	A	$560.00
292744	ARMTS-2500E2T4 120V1P 2500W	FS	006	A	$767.00
292630	ARMTS-2500T4 240V1P 2500W	FS	003	A	$560.00
292752	ARMTS-2500E2T4 240V1P 2500W	FS	006	A	$767.00
319610	ARMTS-2500T8 120V1P 2500W	FS	003	A	$560.00
319636	ARMTS-2500E2T8 120V1P 2500W	FS	006	A	$767.00
319644	ARMTS-2500T5 240V1P 2500W	FS	003	A	$560.00
319652	ARMTS-2500T8 240V1P 2500W	FS	003	A	$560.00
319679	ARMTS-2500E2T8 240V1P 2500W	FS	006	A	$767.00
289086	ARMTS-3000T4 240V1P 3000W	ST	003	A	$578.00
292760	ARMTS-3000E2T4 240V1P 3000W	FS	006	A	$785.00
319687	ARMTS-3000T5 240V1P 3000W	FS	003	A	$578.00
319695	ARMTS-3000T8 240V1P 3000W	FS	003	A	$578.00
319708	ARMTS-3000E2T5 240V1P 3000W	FS	006	A	$785.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
319716	ARMTS-3000E2T8 240V1P 3000W	FS	006	A	$785.00

For E4 (moisture resistant) enclosure option see special features section.

MTO 1" STEEL W/O THERMO 444

037962	MTO-250 120V1P 0.25KW	FS	003	A	$262.00
037970	MTO-375 120V1P 0.375KW	FS	003	A	$210.00
037989	MTO-375 240V1P 0.375KW	FS	003	A	$210.00
037997	MTO-500 120V1P 0.5KW	FS	003	A	$215.00
038009	MTO-500 240V1P 0.5KW	FS	003	A	$215.00
038017	MTO-1000 120V1P 1.0KW	FS	003	A	$244.00
038025	MTO-1000 240V1P 1.0KW	FS	003	A	$244.00
038041	MTO-1500 240V1P 1.5KW	FS	003	A	$272.00
060185	MTO-250E4TP 120V1P 250W	FS	003	A	$345.00
060193	MTO-375E4TP 120V1P 375W	FS	003	A	$350.00
060206	MTO-375E4TP 240V1P 375W	FS	003	A	$350.00
060214	MTO-500E4TP 120V1P 500W	FS	003	A	$355.00
060222	MTO-500E4TP 240V1P 500W	FS	003	A	$355.00
060142	MTO-1000E4TP 120V1P 1000W	FS	003	A	$384.00
060150	MTO-1000E4TP 240V1P 1000W	FS	003	A	$384.00
060169	MTO-1500E4TP 120V1P 1500W	FS	003	A	$412.00
060177	MTO-1500E4TP 240V1P 1500W	FS	003	A	$412.00
038050	MTO-250E2 120V1P 0.25KW	FS	003	A	$412.00
038068	MTO-375E2 120V1P 0.375KW	FS	003	A	$417.00
038076	MTO-375E2 240V1P 0.375KW	FS	003	A	$417.00
038084	MTO-500E2 120V1P 0.5KW	FS	003	A	$423.00
038092	MTO-500E2 240V1P 0.5KW	FS	000	A	$423.00
038105	MTO-1000E2 120V1P 1.0KW	FS	003	A	$451.00
038113	MTO-1000E2 240V1P 1.0KW	FS	003	A	$451.00
038121	MTO-1500E2 120V1P 1.5KW	FS	003	A	$479.00
038130	MTO-1500E2 240V1P 1.5KW	FS	003	A	$479.00

ARTMO 1" STEEL W/ THERMO 447

292883	ARMTO-250T4 120V1P 250W	ST	002	A	$262.00
292963	ARMTO-250E2T4 120V1P 250W	ST	006	A	$469.00
319003	ARMTO-250T5 120V1P 250W	FS	003	A	$262.00
319011	ARMTO-250T8 120V1P 250W	FS	003	A	$262.00
319020	ARMTO-250E2T5 120V1P 250W	FS	006	A	$469.00
319038	ARMTO-250E2T8 120V1P 250W	FS	006	A	$469.00
292891	ARMTO-375T4 120V1P 375W	ST	003	A	$267.00
292939	ARMTO-375E2 120V1P 375W	FS	006	A	$474.00
292912	ARMTO-375T4 240V1P 375W	FS	003	A	$267.00
292920	ARMTO-375E2 240V1P 375W	FS	006	A	$474.00
319046	ARMTO-375T5 120V1P 375W	FS	003	A	$267.00
319054	ARMTO-375T8 120V1P 375W	FS	003	A	$267.00
319062	ARMTO-375E2T5 120V1P 375W	FS	006	A	$474.00
319070	ARMTO-375E2T8 120V1P 375W	FS	006	A	$474.00
319089	ARMTO-375T5 240V1P 375W	FS	003	A	$267.00
319097	ARMTO-375T8 240V1P 375W	FS	003	A	$267.00
319100	ARMTO-375E2T5 240V1P 375W	FS	006	A	$474.00
319118	ARMTO-375E2T8 240V1P 375W	FS	000	A	$474.00
292904	ARMTO-500T4 120V1P 500W	ST	003	A	$272.00
292971	ARMTO-500E2T4 120V1P 500W	ST	006	A	$480.00
319126	ARMTO-500T5 120V1P 500W	FS	003	A	$272.00
319134	ARMTO-500T8 120V1P 500W	ST	003	A	$272.00
319142	ARMTO-500E2T5 120V1P 500W	FS	006	A	$480.00
319150	ARMTO-500E2T8 120V1P 500W	FS	006	A	$480.00
292980	ARMTO-500T4 240V1P 500W	FS	003	A	$272.00
292998	ARMTO-500E2T4 240V1P 500W	FS	006	A	$480.00
319169	ARMTO-500T5 240V1P 500W	FS	003	A	$272.00
319177	ARMTO-500T8 240V1P 500W	ST	003	A	$272.00
319185	ARMTO-500E2T5 240V1P 500W	FS	006	A	$480.00
319193	ARMTO-500E2T8 240V1P 500W	FS	006	A	$480.00
038703	ARMTO-1000T4 120V1P 1KW	FS	003	A	$301.00
038711	ARMTO-1000T4 240V1P 1KW	FS	003	A	$301.00
038720	ARMTO-1500T4 120V1P 1.5KW	FS	003	A	$329.00
038738	ARMTO-1500T4 240V1P 1.5KW	FS	003	A	$329.00
038746	ARMTO-1000T5 120V1P 1KW	FS	003	A	$301.00
038754	ARMTO-1000T5 240V1P 1KW	FS	003	A	$301.00
038762	ARMTO-1500T5 120V1P 1.5KW	FS	003	A	$329.00
038770	ARMTO-1500T5 240V1P 1.5KW	FS	003	A	$329.00
038789	ARMTO-1000T8 120V1P 1KW	FS	003	A	$301.00
038797	ARMTO-1000T8 240V1P 1KW	FS	003	A	$301.00
038800	ARMTO-1500T8 120V1P 1.5KW	FS	005	A	$329.00
038818	ARMTO-1500T8 240V1P 1.5KW	FS	005	A	$329.00
038826	ARMTO-1000E2T4 120V1P 1KW	FS	008	A	$508.00
038834	ARMTO-1000E2T4 240V1P 1KW	FS	008	A	$508.00
038842	ARMTO-1500E2T4 120V1P 1.5KW	FS	008	A	$536.00
038850	ARMTO-1500E2T4 240V1P 1.5KW	FS	008	A	$536.00
038869	ARMTO-1000E2T5 120V1P 1KW	FS	008	A	$508.00
038877	ARMTO-1000E2T5 240V1P 1KW	FS	008	A	$508.00
038885	ARMTO-1500E2T5 120V1P 1.5KW	FS	008	A	$536.00
038893	ARMTO-1500E2T5 240V1P 1.5KW	FS	008	A	$536.00
038906	ARMTO-1000E2T8 120V1P 1KW	FS	008	A	$508.00
038914	ARMTO-1000E2T8 240V1P 1KW	FS	008	A	$508.00
038922	ARMTO-1500E2T8 120V1P 1.5KW	FS	008	A	$536.00
038930	ARMTO-1500E2T8 240V1P 1.5KW	FS	008	A	$536.00

MTS 1 1/4 INCH STAINLESS WITHOUT THERMOSTAT 446

037807	MTS-110-3 120V1P 1KW	FS	003	A	$490.00
037815	MTS-110-3 240V1P 1KW	FS	003	A	$491.00
037823	MTS-112 120V1P 1.2KW	FS	003	A	$493.00
037831	MTS-112 240V1P 1.2KW	FS	003	A	$493.00
037840	MTS-115 120V1P 1.5KW	FS	003	A	$496.00
037858	MTS-115 240V1P 1.5KW	FS	003	A	$495.00
037866	MTS-120 120V1P 2KW	FS	003	A	$500.00
037874	MTS-120 240V1P 2KW	FS	003	A	$501.00
060599	MTS-110-3E4TP 120V1P 1kW	FS	003	A	$630.00
060601	MTS-110-3E4TP 240V1P 1kW	FS	003	A	$630.00
060610	MTS-112E4TP 120V1P 1.2kW	FS	003	A	$632.00
060628	MTS-112E4TP 240V1P 1.2kW	FS	003	A	$632.00
060636	MTS-115E4TP 120V1P 1.5kW	FS	003	A	$635.00
060644	MTS-115E4TP 240V1P 1.5kW	FS	003	A	$635.00
060652	MTS-120E4TP 120V1P 2kW	FS	003	A	$640.00
060660	MTS-120E4TP 240V1P 2kW	FS	003	A	$640.00
037882	MTS-110-3E2 120V1P 1KW	FS	006	A	$698.00
037890	MTS-110-3E2 240V1P 1KW	FS	006	A	$699.00
037903	MTS-112E2 120V1P 1.2KW	FS	006	A	$700.00
037911	MTS-112E2 240V1P 1.2KW	FS	006	A	$701.00
037920	MTS-115E2 120V1P 1.5KW	FS	006	A	$703.00
037938	MTS-115E2 240V1P 1.5KW	FS	006	A	$703.00
037946	MTS-120E2 120V1P 2KW	FS	006	A	$708.00
037954	MTS-120E2 240V1P 2KW	FS	006	A	$708.00

ARMTS 1 1/4" STAINLESS W/ THERMOSTAT 447

037321	ARMTS-110-3T4 120V1P 1KW	FS	003	A	$548.00
037330	ARMTS-110-3T4 240V1P 1KW	FS	003	A	$548.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
037348	ARMTS-112T4 120V1P 1.2KW	FS	003	A	$550.00
037356	ARMTS-112T4 240V1P 1.2KW	FS	003	A	$550.00
037364	ARMTS-115T4 120V1P 1.5KW	FS	003	A	$552.00
037372	ARMTS-115T4 240V1P 1.5KW	FS	003	A	$552.00
037380	ARMTS-120T4 120V1P 2KW	FS	003	A	$558.00
037399	ARMTS-120T4 240V1P 2KW	FS	003	A	$557.00
037401	ARMTS-110-3T5 120V1P 1KW	FS	003	A	$548.00
037410	ARMTS-110-3T5 240V1P 1KW	FS	003	A	$548.00
037428	ARMTS-112T5 120V1P 1.2KW	FS	003	A	$550.00
037436	ARMTS-112T5 240V1P 1.2KW	FS	003	A	$550.00
037444	ARMTS-115T5 120V1P 1.5KW	FS	003	A	$553.00
037452	ARMTS-115T5 240V1P 1.5KW	FS	003	A	$552.00
037460	ARMTS-120T5 120V1P 2KW	FS	003	A	$558.00
037479	ARMTS-120T5 240V1P 2KW	FS	003	A	$558.00
037487	ARMTS-110-3T8 120V1P 1KW	FS	003	A	$548.00
037495	ARMTS-110-3T8 240V1P 1KW	FS	003	A	$548.00
037508	ARMTS-112T8 120V1P 1.2KW	FS	003	A	$550.00
037516	ARMTS-112T8 240V1P 1.2KW	FS	003	A	$550.00
037524	ARMTS-115T8 120V 1P 1.5KW	FS	000	A	$553.00
037532	ARMTS-115T8 240V 1P 1.5KW	FS	000	A	$553.00
037540	ARMTS-120T8 120V 1P 2KW	FS	000	A	$558.00
037559	ARMTS-120T8 240V 1P 2KW	FS	000	A	$557.00
037567	ARMTS-110-3E2T4 120V 1P 1KW	FS	000	A	$755.00
037575	ARMTS-110-3E2T4 240V 1P 1KW	FS	000	A	$756.00
037583	ARMTS-112E2T4 120V 1P 1.2KW	FS	000	A	$758.00
037591	ARMTS-112E2T4 240V1P 1.2KW	FS	000	A	$758.00
037604	ARMTS-115E2T4 120V1P 1.5KW	FS	000	A	$761.00
037612	ARMTS-115E2T4 240V1P 1.5KW	FS	000	A	$760.00
037620	ARMTS-120E2T4 120V1P 2KW	FS	000	A	$765.00
037639	ARMTS-120E2T4 240V1P 2KW	FS	000	A	$765.00
037647	ARMTS-110-3E2T5 120V1P 1KW	FS	000	A	$755.00
037655	ARMTS-110-3E2T5 240V1P 1KW	FS	000	A	$755.00
037663	ARMTS-112E2T5 120V 1P 1.2KW	FS	000	A	$758.00
037671	ARMTS-112E2T5 240V 1P 1.2KW	FS	000	A	$758.00
037680	ARMTS-115E2T5 120V 1P 1.5KW	FS	000	A	$761.00
037698	ARMTS-115E2T5 240V 1P 1.5KW	FS	000	A	$761.00
037700	ARMTS-120E2T5 120V 1P 2KW	FS	000	A	$766.00
037719	ARMTS-120E2T5 240V 1P 2KW	FS	000	A	$765.00
037727	ARMTS-110-3E2T8 120V 1P 1KW	FS	000	A	$755.00
037735	ARMTS-110-3E2T8 240V 1P 1KW	FS	000	A	$755.00
037743	ARMTS-112E2T8 120V 1P 1.2KW	FS	000	A	$758.00
037751	ARMTS-112E2T8 240V 1P 1.2KW	FS	000	A	$758.00
037760	ARMTS-115E2T8 120V 1P 1.5KW	FS	000	A	$761.00
037778	ARMTS-115E2T8 240V 1P 1.5KW	FS	000	A	$761.00
037786	ARMTS-120E2T8 120V 1P 2KW	FS	000	A	$766.00
037794	ARMTS-120E2T8 240V 1P 2KW	FS	000	A	$765.00

TMW SMALL PLUG IMMERSION 1-1/4 INCH COPPER W/O ENCL 442

139150	TMW-207A 120V1P 750W	NS	001	A	$163.00
139168	TMW-207A 240V1P 750W	NS	001	A	$163.00
139176	TMW-210A 120V1P 1000W	NS	001	A	$179.00
139184	TMW-210A 240V1P 1000W	NS	001	A	$179.00
139192	TMW-212A 120V1P 1250W	NS	001	A	$196.00
139205	TMW-212A 240V1P 1250W	NS	001	A	$196.00
139213	TMW-215A 120V1P 1500W	NS	001	A	$209.00
139221	TMW-215A 240V1P 1500W	NS	001	A	$209.00
139230	TMW-220A 120V1P 2000W	NS	002	A	$244.00
139248	TMW-220A 240V1P 2000W	NS	002	A	$244.00
139264	TMW-225A 240V1P 2500W	NS	002	A	$273.00
139280	TMW-230A 240V1P 3000W	NS	002	A	$316.00
139299	TMW-240A 240V1P 4000W	NS	003	A	$348.00
139301	TMW-250A 240V1P 5000W	NS	003	A	$373.00

For E4 (moisture resistant) enclosure option see special features section.

MT SCREW PLUG IMMERSION 1-1/4 INCH COPPER W/OUT THERMOSTAT 443

139310	MT-160A 120V1P 600W	ST	001	A	$164.00
288104	MT-160E2 120V1P 600W	FS	004	A	$371.00
139328	MT-160A 240V1P 600W	FS	001	A	$164.00
288112	MT-160E2 240V1P 600W	FS	004	A	$371.00
060476	MT-160E4TP 120V1P 600W	FS	004	A	$304.00
060484	MT-160E4TP 240V1P 600W	FS	004	A	$304.00
139336	MT-175A 120V1P 750W	FS	001	A	$169.00
288120	MT-175E2 120V1P 750W	FS	004	A	$377.00
139344	MT-175A 240V1P 750W	FS	001	A	$169.00
288139	MT-175E2 240V1P 750W	FS	004	A	$377.00
060492	MT-175E4TP 120V1P 750W	FS	004	A	$310.00
060505	MT-175E4TP 240V1P 750W	FS	004	A	$310.00
139352	MT-110A 120V1P 1000W	FS	001	A	$175.00
288147	MT-110E2 120V1P 1000W	ST	004	A	$383.00
139360	MT-110A 240V1P 1000W	FS	001	A	$175.00
288155	MT-110E2 240V1P 1000W	FS	004	A	$383.00
060396	MT-110E4TP 120V1P 1000W	FS	004	A	$315.00
060409	MT-110E4TP 240V1P 1000W	FS	004	A	$315.00
139379	MT-110-3A 120V1P 1000W	FS	002	A	$195.00
288163	MT-110-3E2 120V1P 1000W	FS	005	A	$402.00
139387	MT-110-3A 240V1P 1000W	FS	002	A	$195.00
288171	MT-110-3E2 240V1P 1000W	FS	005	A	$402.00
060370	MT-110-3E4TP 120V1P 1000W	FS	005	A	$335.00
060388	MT-110-3E4TP 240V1P 1000W	FS	005	A	$335.00
139395	MT-112A 120V1P 1200W	FS	002	A	$201.00
139408	MT-112A 240V1P 1200W	FS	002	A	$201.00
288180	MT-112E2 120V1P 1200W	FS	005	A	$408.00
288198	MT-112E2 240V1P 1200W	FS	005	A	$408.00
060417	MT-112E4TP 120V1P 1200W	FS	005	A	$341.00
060425	MT-112E4TP 240V1P 1200W	FS	005	A	$341.00
139416	MT-115A 120V1P 1500W	ST	002	A	$210.00
288200	MT-115E2 120V1P 1500W	FS	005	A	$417.00
139424	MT-115A 240V1P 1500W	ST	002	A	$210.00
288219	MT-115E2 240V1P 1500W	FS	005	A	$417.00
060433	MT-115E4TP 120V1P 1500W	FS	005	A	$350.00
060441	MT-115E4TP 240V1P 1500W	FS	005	A	$350.00
139432	MT-120A 120V1P 2000W	ST	002	A	$225.00
288227	MT-120E2 120V1P 2000W	FS	005	A	$432.00
139440	MT-120A 240V1P 2000W	ST	002	A	$225.00
288235	MT-120E2 240V1P 2000W	FS	005	A	$432.00
060450	MT-120E4TP 120V1P 2000W	FS	005	A	$365.00
060468	MT-120E4TP 240V1P 2000W	FS	005	A	$365.00

For E4 (moisture resistant) enclosure option see special features section.

ARMT 1 1/4" BRASS/COPPER W/ THERMOSTAT 447

036564	ARMT-110-3T4 120V1P 1KW	FS	003	A	$252.00
036572	ARMT-110-3T4 240V1P 1KW	FS	003	A	$253.00
036580	ARMT-112T4 120V1P 1.2KW	FS	003	A	$259.00
036599	ARMT-112T4 240V1P 1.2KW	FS	003	A	$259.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
036601	ARMT-115T4 120V1P 1.5KW	FS	003	A	$267.00
036610	ARMT-115T4 240V1P 1.5KW	FS	003	A	$267.00
036628	ARMT-120T4 120V1P 2KW	FS	003	A	$282.00
036636	ARMT-120T4 240V1P 2KW	FS	003	A	$282.00
036644	ARMT-110-3T5 120V1P 1KW	FS	003	A	$252.00
036652	ARMT-110-3T5 240V1P 1KW	FS	003	A	$253.00
036660	ARMT-112T5 120V1P 1.2KW	FS	003	A	$259.00
036679	ARMT-112T5 240V1P 1.2KW	FS	003	A	$258.00
036687	ARMT-115T5 120V1P 1.5KW	FS	003	A	$267.00
036695	ARMT-115T5 240V1P 1.5KW	FS	003	A	$267.00
036708	ARMT-120T5 120V1P 2KW	FS	003	A	$282.00
036716	ARMT-120T5 240V1P 2KW	FS	003	A	$282.00
036724	ARMT-110-3T8 120V1P 1KW	FS	003	A	$252.00
036732	ARMT-110-3T8 240V1P 1KW	FS	003	A	$252.00
036740	ARMT-112T8 120V1P 1.2KW	FS	003	A	$258.00
036759	ARMT-112T8 240V1P 1.2KW	FS	003	A	$259.00
036767	ARMT-115T8 120V1P 1.5KW	FS	003	A	$267.00
036775	ARMT-115T8 240V1P 1.5KW	FS	003	A	$268.00
036783	ARMT-120T8 120V1P 2KW	FS	003	A	$283.00
036791	ARMT-120T8 240V1P 2KW	FS	003	A	$282.00
036804	ARMT-110-3E2T4 120V1P 1KW	FS	006	A	$460.00
036812	ARMT-110-3E2T4 240V1P 1KW	FS	006	A	$460.00
036820	ARMT-112E2T4 120V1P 1.2KW	FS	006	A	$466.00
036839	ARMT-112E2T4 240V1P 1.2KW	FS	006	A	$466.00
036847	ARMT-115E2T4 120V1P 1.5KW	FS	006	A	$474.00
036855	ARMT-115E2T4 240V1P 1.5KW	FS	006	A	$475.00
036863	ARMT-120E2T4 120V1P 2KW	FS	006	A	$490.00
036871	ARMT-120E2T4 240V1P 2KW	FS	006	A	$490.00
036880	ARMT-110-3E2T5 120V1P 1KW	FS	006	A	$459.00
036898	ARMT-110-3E2T5 240V1P 1KW	FS	006	A	$460.00
036900	ARMT-112E2T5 120V1P 1.2KW	FS	006	A	$466.00
036919	ARMT-112E2T5 240V1P 1.2KW	FS	006	A	$466.00
036927	ARMT-115E2T5 120V1P 1.5KW	FS	006	A	$475.00
036935	ARMT-115E2T5 240V1P 1.5KW	FS	006	A	$475.00
036943	ARMT-120E2T5 120V1P 2KW	FS	006	A	$490.00
036951	ARMT-120E2T5 240V1P 2KW	FS	006	A	$489.00
036960	ARMT-110-3E2T8 120V1P 1KW	FS	006	A	$459.00
036978	ARMT-110-3E2T8 240V1P 1KW	FS	006	A	$459.00
036986	ARMT-112E2T8 120V1P 1.2KW	FS	006	A	$465.00
036994	ARMT-112E2T8 240V1P 1.2KW	FS	006	A	$466.00
037006	ARMT-115E2T8 120V1P 1.5KW	FS	006	A	$474.00
037014	ARMT-115E2T8 240V1P 1.5KW	FS	006	A	$474.00
037022	ARMT-120E2T8 120V1P 2KW	FS	006	A	$489.00
037030	ARMT-120E2T8 240V1P 2KW	FS	006	A	$489.00

MTO WITHOUT THERMOSTAT 1-1/4 INCH STEEL 444

326385	MTO-105 120V1P 500W	FS	002	A	$246.00
257383	MTO-105E2 120V1P 500W	FS	006	A	$453.00
326393	MTO-105 240V1P 500W	FS	002	A	$246.00
326406	MTO-105E2 240V1P 500W	FS	005	A	$453.00
060513	MTO-105E4TP 120V1P 500W	FS	005	A	$386.00
060521	MTO-105E4TP 240V1P 500W	FS	005	A	$386.00
139723	MTO-110 120V1P 1000W	ST	002	A	$261.00
288497	MTO-110E2 120V1P 1000W	FS	005	A	$468.00
139731	MTO-110 240V1P 1000W	FS	002	A	$261.00
288500	MTO-110E2 240V1P 1000W	FS	005	A	$468.00
060530	MTO-110AE4TP 120V1P 1000W	FS	005	A	$401.00
060548	MTO-110AE4TP 240V1P 1000W	FS	005	A	$401.00
038148	MTO-120 120V1P 2KW	FS	002	A	$305.00
038156	MTO-120 240V1P 2KW	FS	002	A	$305.00
060556	MTO-120E4TP 120V1P 2000W	FS	002	A	$445.00
060564	MTO-120E4TP 240V1P 2000W	FS	002	A	$445.00
038164	MTO-130 120V1P 3KW	FS	002	A	$348.00
038172	MTO-130 240V1P 3KW	FS	002	A	$348.00
060572	MTO-130E4TP 120V1P 3000W	FS	002	A	$488.00
060580	MTO-130E4TP 240V1P 3000W	FS	002	A	$488.00
038180	MTO-120E2 120V1P 2KW	FS	005	A	$512.00
038199	MTO-120E2 240V1P 2KW	FS	005	A	$512.00
038201	MTO-130E2 120V1P 3KW	FS	005	A	$555.00
038210	MTO-130E2 240V1P 3KW	FS	005	A	$555.00

ARMTO 1 1/4 INCH STEEL W/ THERMOSTAT 447

038228	ARMTO-105T4 120V1P 0.5KW	FS	003	A	$303.00
038236	ARMTO-105T4 240V1P 0.5KW	FS	003	A	$303.00
038244	ARMTO-110T4 120V1P 1KW	FS	003	A	$318.00
038252	ARMTO-110T4 240V1P 1KW	FS	003	A	$318.00
038260	ARMTO-120T4 120V1P 2KW	FS	003	A	$362.00
038279	ARMTO-120T4 240V1P 2KW	FS	003	A	$362.00
038287	ARMTO-130T4 120V1P 3KW	FS	003	A	$405.00
038295	ARMTO-130T4 240V1P 3KW	FS	003	A	$405.00
038308	ARMTO-105T8 120V1P 0.5KW	FS	003	A	$303.00
038316	ARMTO-105T8 240V1P 0.5KW	FS	003	A	$303.00
038324	ARMTO-110T8 120V1P 1KW	FS	003	A	$318.00
038332	ARMTO-110T8 240V1P 1KW	FS	003	A	$318.00
038340	ARMTO-120T8 120V1P 2KW	FS	003	A	$362.00
038359	ARMTO-120T8 240V1P 2KW	FS	003	A	$362.00
038367	ARMTO-130T8 120V1P 3KW	FS	003	A	$405.00
038375	ARMTO-130T8 240V1P 3KW	FS	003	A	$405.00
038383	ARMTO-105T5 120V1P 0.5KW	FS	000	A	$303.00
038391	ARMTO-105T5 240V1P 0.5KW	FS	003	A	$303.00
038404	ARMTO-110T5 120V1P 1KW	FS	003	A	$318.00
038412	ARMTO-110T5 240V1P 1KW	FS	003	A	$318.00
038420	ARMTO-120T5 120V1P 2KW	FS	003	A	$362.00
038439	ARMTO-120T5 240V1P 2KW	FS	003	A	$362.00
038447	ARMTO-130T5 120V1P 3KW	FS	003	A	$405.00
038455	ARMTO-130T5 240V1P 3KW	FS	003	A	$405.00
038463	ARMTO-105E2T4 120V1P 0.5KW	FS	006	A	$510.00
038471	ARMTO-105E2T4 240V1P 0.5KW	FS	006	A	$510.00
038480	ARMTO-110E2T4 120V1P 1KW	FS	006	A	$525.00
038498	ARMTO-110E2T4 240V1P 1KW	FS	006	A	$525.00
038500	ARMTO-120E2T4 120V1P 2KW	FS	006	A	$569.00
038519	ARMTO-120E2T4 240V1P 2KW	FS	006	A	$569.00
038527	ARMTO-130E2T4 120V1P 3KW	FS	006	A	$612.00
038535	ARMTO-130E2T4 240V1P 3KW	FS	006	A	$612.00
038543	ARMTO-105E2T8 120V1P 0.5KW	FS	006	A	$510.00
038551	ARMTO-105E2T8 240V1P 0.5KW	FS	006	A	$510.00
038560	ARMTO-110E2T8 120V1P 1KW	FS	006	A	$525.00
038578	ARMTO-110E2T8 240V1P 1KW	FS	006	A	$525.00
038586	ARMTO-120E2T8 120V1P 2KW	FS	006	A	$569.00
038594	ARMTO-120E2T8 240V1P 2KW	FS	006	A	$569.00
038607	ARMTO-130E2T8 120V1P 3KW	FS	006	A	$612.00
038615	ARMTO-130E2T8 240V1P 3KW	FS	006	A	$612.00
038623	ARMTO-105E2T5 120V1P 0.5KW	FS	006	A	$510.00
038631	ARMTO-105E2T5 240V1P 0.5KW	FS	006	A	$510.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
038640	ARMTO-110E2T5 120V1P 1KW	FS	006	A	$525.00
038658	ARMTO-110E2T5 240V1P 1KW	FS	006	A	$525.00
038666	ARMTO-120E2T5 120V1P 2KW	FS	006	A	$569.00
038674	ARMTO-120E2T5 240V1P 2KW	FS	006	A	$569.00
038682	ARMTO-130E2T5 120V1P 3KW	FS	006	A	$612.00
038690	ARMTO-130E2T5 240V1P 3KW	FS	006	A	$612.00

Special features-1 inch and 1-1/4 inch screw plugs

1. New Item Engineering Charge (prorated over line quantity $100

Minimum line value for no charge $500

2. Special immersion length, use price of next longer unit and add New Item Engineering Charge

3.Special Option: Moisture Resistant Cast Aluminum Enclosure, 1 inch and 1-1/4 inch Screwplug:

w/o thermostat: Add $165 to general purpose enclosure list price $165

with thermostat: Add $195 to general purpose enclosure list price $195

Add E4 to model number.

MT IMMERSION HEATERS 2 INCH COPPER 443

139459	MT-215A 120V1P 1500W	FS	003	A	$255.00
288243	MT-215E2 120V1P 1500W	FS	006	A	$488.00
295275	MT-215A 208V1P 1500W	FS	003	A	$255.00
295283	MT-215E2 208V1P 1500W	FS	006	A	$488.00
139467	MT-215A 240V1P 1500W	FS	003	A	$255.00
288251	MT-215E2 240V1P 1500W	FS	006	A	$488.00
139475	MT-215A 480V1P 1500W	FS	003	A	$255.00
295005	MT-215E2 480V1P 1500W	FS	006	A	$488.00
062164	MT-215E4TP 120V1P 1.5kW	FS	006	A	$395.00
062172	MT-215E4TP 240V1P 1.5kW	FS	006	A	$395.00
062180	MT-215E4TP 480V1P 1.5kW	FS	006	A	$395.00
062199	MT-215E4TP 208V1P 1.5kW	FS	006	A	$395.00
139483	MT-220A 120V1P 2000W	FS	003	A	$291.00
295013	MT-220E2 120V1P 2000W	FS	006	A	$525.00
295021	MT-220A 208V1P 2000W	FS	003	A	$291.00
295030	MT-220E2 208V1P 2000W	NS	006	A	$525.00
139491	MT-220A 240V1P 2000W	NS	003	A	$291.00
295048	MT-220E2 240V1P 2000W	FS	006	A	$525.00
139504	MT-220A 480V1P 2000W	FS	003	A	$265.00
295056	MT-220E2 480V1P 2000W	FS	006	A	$525.00
062244	MT-220E4TP 120V1P 2kW	FS	006	A	$431.00
062252	MT-220E4TP 240V1P 2kW	FS	006	A	$431.00
062260	MT-220E4TP 480V1P 2kW	FS	006	A	$431.00
062279	MT-220E4TP 208V1P 2kW	FS	006	A	$431.00
288260	MT-220-3E2 120V1P 2000W	FS	006	A	$483.00
295064	MT-220-3A 208V1P 2000W	FS	003	A	$250.00
295072	MT-220-3E2 208V1P 2000W	FS	006	A	$483.00
139520	MT-220-3A 240V1P 2000W	FS	003	A	$248.00
288278	MT-220-3E2 240V1P 2000W	FS	006	A	$483.00
139539	MT-220-3A 480V1P 2000W	FS	003	A	$250.00
288286	MT-220-3E2 480V1P 2000W	FS	006	A	$483.00
062201	MT-220-3E4TP 120V1P 2kW	FS	006	A	$390.00
062210	MT-220-3E4TP 240V1P 2kW	FS	006	A	$390.00
062228	MT-220-3E4TP 480V1P 2kW	FS	006	A	$390.00
062236	MT-220-3E4TP 208V1P 2kW	FS	006	A	$390.00
139547	MT-225A 120V1P 2500W	FS	003	A	$276.00
295080	MT-225E2 120V1P 2500W	FS	006	A	$509.00
295099	MT-225A 208V1P 2500W	FS	003	A	$276.00
295101	MT-225E2 208V1P 2500W	FS	006	A	$509.00
139555	MT-225A 240V1P 2500W	FS	003	A	$276.00
288294	MT-225E2 240V1P 2500W	FS	006	A	$509.00
139563	MT-225A 480V1P 2500W	FS	003	A	$276.00
288307	MT-225E2 480V1P 2500W	FS	006	A	$509.00
062287	MT-225E4TP 120V1P 2.5kW	FS	006	A	$416.00
062295	MT-225E4TP 240V1P 2.5kW	FS	006	A	$416.00
062308	MT-225E4TP 480V1P 2.5kW	FS	006	A	$416.00
062316	MT-225E4TP 208V1P 2.5kW	FS	006	A	$416.00
139571	MT-230A 120V1P 3000W	FS	004	A	$309.00
288315	MT-230E2 120V1P 3000W	FS	007	A	$542.00
295110	MT-230A 208V1P 3000W	FS	004	A	$309.00
295128	MT-230E2 208V1P 3000W	FS	007	A	$542.00
139580	MT-230A 240V1P 3000W	ST	004	A	$309.00
288323	MT-230E2 240V1P 3000W	FS	007	A	$542.00
139598	MT-230A 480V1P 3000W	FS	004	A	$309.00
288331	MT-230E2 480V1P 3000W	FS	007	A	$542.00
062324	MT-230E4TP 120V1P 3kW	FS	007	A	$449.00
062332	MT-230E4TP 240V1P 3kW	FS	007	A	$449.00
062340	MT-230E4TP 480V1P 3kW	FS	007	A	$449.00
062359	MT-230E4TP 208V1P 3kW	FS	007	A	$449.00
139600	MT-240A 120V1P 4000W	FS	004	A	$381.00
295136	MT-240A 208V1P 4000W	FS	004	A	$381.00
295144	MT-240E2 208V1P 4000W	FS	007	A	$614.00
139619	MT-240A 240V1P 4000W	FS	004	A	$381.00
288340	MT-240E2 240V1P 4000W	FS	007	A	$614.00
139627	MT-240A 480V1P 4000W	ST	004	A	$379.00
288358	MT-240E2 480V1P 4000W	ST	007	A	$614.00
062367	MT-240E4TP 120V1P 4kW	FS	007	A	$521.00
062375	MT-240E4TP 240V1P 4kW	FS	007	A	$521.00
062383	MT-240E4TP 480V1P 4kW	FS	007	A	$521.00
062391	MT-240E4TP 208V1P 4kW	FS	007	A	$521.00
139635	MT-250A 120V1P 5000W	FS	005	A	$424.00
295152	MT-250A 208V1P 5000W	FS	005	A	$424.00
295160	MT-250E2 208V1P 5000W	FS	008	A	$658.00
288366	MT-250E2 240V1P 5000W	FS	008	A	$658.00
139643	MT-250A 240V1P 5000W	ST	005	A	$424.00
139651	MT-250A 480V1P 5000W	FS	005	A	$424.00
288374	MT-250E2 480V1P 5000W	FS	008	A	$658.00
062404	MT-250E4TP 120V1P 5kW	FS	008	A	$564.00
062412	MT-250E4TP 240V1P 5kW	FS	008	A	$564.00
062420	MT-250E4TP 480V1P 5kW	FS	008	A	$564.00
062439	MT-250E4TP 208V1P 5kW	FS	008	A	$564.00
295179	MT-260A 208V1P 6000W	FS	005	A	$429.00
295187	MT-260E2 208V1P 6000W	FS	008	A	$663.00
139660	MT-260A 240V1P 6000W	FS	005	A	$429.00
288382	MT-260E2 240V1P 6000W	FS	008	A	$663.00
139678	MT-260A 480V1P 6000W	FS	005	A	$429.00
288390	MT-260E2 480V1P 6000W	FS	008	A	$663.00
062447	MT-260E4TP 240V1P 6kW	FS	008	A	$569.00
062455	MT-260E4TP 480V1P 6kW	FS	008	A	$569.00
062463	MT-260E4TP 208V1P 6kW	FS	008	A	$569.00
139686	MT-270A 240V1P 7000W	FS	006	A	$481.00
288403	MT-270E2 240V1P 7000W	FS	009	A	$715.00
139694	MT-270A 480V1P 7000W	ST	006	A	$481.00
288411	MT-270E2 480V1P 7000W	FS	009	A	$715.00
062471	MT-270E4TP 240V1P 7kW	FS	009	A	$621.00
062480	MT-270E4TP 480V1P 7kW	FS	009	A	$621.00
295195	MT-2100A 208V1P 10000W	FS	007	A	$661.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
295208	MT-2100E2 208V1P 10000W	NS	010	A	$910.00
139707	MT-2100A 240V1P 10000W	FS	007	A	$661.00
288420	MT-2100E2 240V1P 10000W	FS	010	A	$894.00
139715	MT-2100A 480V1P 10000W	ST	007	A	$661.00
288438	MT-2100E2 480V1P 10000W	FS	010	A	$894.00
062084	MT-2100E4TP 240V1P 10kW	FS	010	A	$801.00
062092	MT-2100E4TP 480V1P 10kW	FS	010	A	$801.00
062105	MT-2100E4TP 208V1P 10kW	FS	010	A	$801.00
295216	MT-2120A 208V1P 12000W	FS	008	A	$775.00
295224	MT-2120E2 208V1P 12000W	NS	011	A	$1008.00
295232	MT-2120A 240V1P 12000W	FS	008	A	$775.00
295240	MT-2120E2 240V1P 12000W	FS	011	A	$1008.00
295259	MT-2120A 480V1P 12000W	FS	008	A	$775.00
295267	MT-2120E2 480V1P 12000W	FS	011	A	$1008.00
062113	MT-2120E4TP 208V1P 12kW	FS	011	A	$915.00
062121	MT-2120E4TP 240V1P 12kW	FS	011	A	$915.00
062130	MT-2120E4TP 480V1P 12kW	FS	011	A	$915.00
295312	MT-2150A 240V1P 15000W	NS	009		$910.00
295320	MT-2150A 480V1P 15000W	FS	009	A	$910.00
295339	MT-2150E2 240V1P 15000W	FS	012	A	$910.00
295347	MT-2150E2 480V1P 15000W	FS	012	A	$1144.00
062148	MT-2150E4TP 240V1P 15kW	FS	012	A	$1050.00
062156	MT-2150E4TP 480V1P 15kW	FS	012	A	$1050.00

For E4 (moisture resistant) enclosure option see special features section.

MTO 2 INCH SCREWPLUG 2 INCH STEEL 15 WATTS/SQ IN 444

139740	MTO-215A 120V1P 1500W	FS	003	A	$264.00
288518	MTO-215E2 120V1P 1500W	FS	006	A	$497.00
323627	MTO-215A 208V1P 1500W	FS	003	A	$264.00
323635	MTO-215E2 208V1P 1500W	FS	006	A	$497.00
139758	MTO-215A 240V1P 1500W	FS	003	A	$264.00
288526	MTO-215E2 240V1P 1500W	FS	006	A	$497.00
139766	MTO-215A 480V1P 1500W	ST	003	A	$264.00
288534	MTO-215E2 480V1P 1500W	ST	006	A	$471.00
063028	MTO-215E4TP 120V1P 1.5kW	FS	000	A	$404.00
063036	MTO-215E4TP 240V1P 1.5kW	FS	000	A	$404.00
063044	MTO-215E4TP 480V1P 1.5kW	FS	000	A	$404.00
063052	MTO-215E4TP 208V1P 1.5kW	FS	000	A	$404.00
139774	MTO-220A 120V1P 2000W	FS	004	A	$341.00
288542	MTO-220E2 120V1P 2000W	FS	007	A	$574.00
323643	MTO-220A 208V1P 2000W	FS	004	A	$341.00
323651	MTO-220E2 208V1P 2000W	FS	007	A	$574.00
139782	MTO-220A 240V1P 2000W	ST	004	A	$341.00
288550	MTO-220E2 240V1P 2000W	FS	007	A	$574.00
139790	MTO-220A 480V1P 2000W	ST	004	A	$341.00
288569	MTO-220E2 480V1P 2000W	FS	007	A	$574.00
063060	MTO-220E4TP 120V1P 2kW	FS	000	A	$481.00
063079	MTO-220E4TP 240V1P 2kW	FS	000	A	$481.00
063087	MTO-220E4TP 480V1P 2kW	FS	000	A	$481.00
063095	MTO-220E4TP 208V1P 2kW	FS	000	A	$481.00
139803	MTO-225A 120V1P 2500W	FS	004	A	$368.00
288577	MTO-225E2 120V1P 2500W	FS	007	A	$603.00
323660	MTO-225A 208V1P 2500W	FS	004	A	$368.00
323678	MTO-225E2 208V1P 2500W	FS	007	A	$603.00
139811	MTO-225A 240V1P 2500W	ST	004	A	$368.00
288585	MTO-225E2 240V1P 2500W	FS	007	A	$602.00
139820	MTO-225A 480V1P 2500W	FS	004	A	$368.00
288593	MTO-225E2 480V1P 2500W	FS	007	A	$602.00
063108	MTO-225E4TP 120V1P 2.5kW	FS	000	A	$508.00
063116	MTO-225E4TP 240V1P 2.5kW	FS	000	A	$508.00
063124	MTO-225E4TP 480V1P 2.5kW	FS	000	A	$508.00
063132	MTO-225E4TP 208V1P 2.5kW	FS	000	A	$508.00
139838	MTO-230 120V1P 3000W	FS	004	A	$437.00
288606	MTO-230E2 120V1P 3000W	FS	007	A	$670.00
323686	MTO-230A 208V1P 3000W	FS	004	A	$437.00
323694	MTO-230E2 208V1P 3000W	FS	007	A	$672.00
139846	MTO-230A 240V1P 3000W	ST	004	A	$437.00
288614	MTO-230E2 240V1P 3000W	FS	007	A	$670.00
139854	MTO-230 480V1P 3000W	FS	004	A	$437.00
288622	MTO-230E2 480V1P 3000W	FS	007	A	$670.00
063140	MTO-230E4TP 120V1P 3kW	FS	000	A	$577.00
063159	MTO-230E4TP 240V1P 3kW	FS	000	A	$577.00
063167	MTO-230E4TP 480V1P 3kW	FS	000	A	$577.00
063175	MTO-230E4TP 208V1P 3kW	FS	000	A	$577.00
139862	MTO-240A 120V1P 4000W	FS	009	A	$545.00
288630	MTO-240E2 120V1P 4000W	FS	009	A	$778.00
323707	MTO-240A 208V1P 4000W	FS	006	A	$545.00
323715	MTO-240E2 208V1P 4000W	FS	009	A	$778.00
139870	MTO-240A 240V1P 4000W	FS	006	A	$545.00
288649	MTO-240E2 240V1P 4000W	FS	009	A	$778.00
139889	MTO-240A 480V1P 4000W	FS	006	A	$545.00
288657	MTO-240E2 480V1P 4000W	FS	009	A	$778.00
063183	MTO-240E4TP 120V1P 4kW	FS	000	A	$685.00
063191	MTO-240E4TP 240V1P 4kW	FS	000	A	$685.00
063204	MTO-240E4TP 480V1P 4kW	FS	000	A	$685.00
063212	MTO-240E4TP 208V1P 4kW	FS	000	A	$685.00
139897	MTO-250A 120V1P 5000W	FS	010	A	$646.00
288665	MTO-250E2 120V1P 5000W	FS	010	A	$880.00
323723	MTO-250A 208V1P 5000W	FS	007	A	$646.00
323731	MTO-250E2 208V1P 5000W	FS	010	A	$880.00
139900	MTO-250A 240V1P 5000W	FS	007	A	$646.00
	2" 3-P STEEL 23 WATTS/SQ IN				
139918	MTO-250A 480V1P 5000W	FS	007	A	$646.00
288681	MTO-250E2 480V1P 5000W	FS	010	A	$880.00
063220	MTO-250E4TP 120V1P 5kW	FS	000	A	$787.00
063239	MTO-250E4TP 240V1P 5kW	FS	000	A	$787.00
063247	MTO-250E4TP 480V1P 5kW	FS	000	A	$787.00
063255	MTO-250E4TP 208V1P 5kW	FS	000	A	$787.00
323740	MTO-260A 208V1P 6000W	FS	007	A	$748.00
323758	MTO-260E2 208V1P 6000W	FS	010	A	$982.00
139926	MTO-260A 240V1P 6000W	NS	007	A	$748.00
288690	MTO-260E2 240V1P 6000W	FS	010	A	$982.00
139934	MTO-260A 480V1P 6000W	FS	007	A	$748.00
288702	MTO-260E2 480V1P 6000W	FS	010	A	$982.00
063263	MTO-260E4TP 240V1P 6kW	FS	000	A	$888.00
063271	MTO-260E4TP 480V1P 6kW	FS	000	A	$888.00
063280	MTO-260E4TP 208V1P 6kW	FS	000	A	$888.00

For E4 (moisture resistant) enclosure option see special features section.

MTO SCREW PLUG IMMERSION 444

2 INCH STEEL 15 WATTS/SQ IN

323766	MTO-2020 240V1P 2000W	FS	004	A	$422.00
323774	MTO-2020E2 240V1P 2000W	FS	007	A	$630.00
323782	MTO-2020 480V1P 2000W	ST	004	A	$396.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
323790	MTO-2020E2 480V1P 2000W	FS	007	A	$630.00
062893	MTO-2020E4TP 240V1P 2kW	FS	000	A	$562.00
062906	MTO-2020E4TP 480V1P 2kW	FS	000	A	$562.00
323803	MTO-2026 240V1P 2660W	FS	006	A	$500.00
323811	MTO-2026E2 240V1P 2660W	FS	009	A	$733.00
323820	MTO-2026 480V1P 2660W	FS	006	A	$500.00
323838	MTO-2026E2 480V1P 2660W	FS	009	A	$733.00
062914	MTO-2026E4TP 240V1P 2.66kW	FS	000	A	$666.00
062922	MTO-2026E4TP 480V1P 2.66kW	FS	000	A	$666.00
323846	MTO-2033 240V1P 3330W	FS	007	A	$596.00
323854	MTO-2033E2 240V1P 3330W	FS	010	A	$855.00
323862	MTO-2033 480V1P 3330W	FS	007	A	$596.00
323870	MTO-2033E2 480V1P 3330W	FS	000	A	$829.00
062930	MTO-2033E4TP 240V1P 3.33kW	FS	000	A	$762.00
062949	MTO-2033E4TP 480V1P 3.33kW	FS	000	A	$762.00
323889	MTO-2040 208V1P 4000W	FS	007	A	$693.00
323897	MTO-2040E2 208V1P 4000W	FS	010	A	$926.00
323900	MTO-2040 240V1P 4000W	FS	007	A	$719.00
323918	MTO-2040E2 240V1P 4000W	FS	010	A	$952.00
323926	MTO-2040 480V1P 4000W	FS	007	A	$693.00
323934	MTO-2040E2 480V1P 4000W	FS	010	A	$926.00
062957	MTO-2040E4TP 208V1P 4kW	FS	000	A	$859.00
062965	MTO-2040E4TP 240V1P 4kW	FS	000	A	$859.00
062973	MTO-2040E4TP 480V1P 4kW	FS	000	A	$859.00
323942	MTO-2050 240V1P 5000W	FS	008	A	$847.00
323969	MTO-2050 480V1P 5000W	FS	008	A	$821.00
323950	MTO-2050E2 240V1P 5000W	FS	011	A	$1055.00
323977	MTO-2050E2 480V1P 5000W	FS	011	A	$1080.00
062981	MTO-2050E4TP 240V1P 5kW	FS	000	A	$987.00
062990	MTO-2050E4TP 480V1P 5kW	FS	000	A	$987.00
323985	MTO-2060 240V1P 6000W	FS	009	A	$955.00
323993	MTO-2060E2 240V1P 6000W	FS	012	A	$1188.00
324005	MTO-2060 480V1P 6000W	FS	009	A	$955.00
063001	MTO-2060E4TP 240V1P 6kW	FS	012	A	$1121.00
063010	MTO-2060E4TP 480V1P 6kW	FS	000	A	$1121.00

For E4 (moisture resistant) enclosure option see special features section.

MTO IMMERS 2" STEEL 6 WATTS/SQ

2" 3-P STEEL 15 WATTS/SQ IN

178343	MTO-2004 120V1P 400W	NS	003	A	$278.00
035924	MTO-2005E2 120V1P 0.5KW	FS	000	A	$552.00
035932	MTO-2005E2 208V1P 0.5KW	FS	000	A	$552.00
035940	MTO-2005E2 240V1P 0.5KW	FS	000	A	$552.00
062800	MTO-2005E4TP 120V1P 0.5kW	FS	000	A	$459.00
062818	MTO-2005E4TP 208V1P 0.5kW	FS	000	A	$459.00
062826	MTO-2005E4TP 240V1P 0.5kW	FS	000	A	$459.00
035959	MTO-2011E2 120V1P 1.1KW	FS	000	A	$735.00
035967	MTO-2011E2 208V1P 1.1KW	FS	000	A	$735.00
035975	MTO-2011E2 240V1P 1.1KW	FS	000	A	$735.00
062834	MTO-2011E4TP 120V1P 1.1kW	FS	000	A	$642.00
062842	MTO-2011E4TP 208V1P 1.1kW	FS	000	A	$642.00
062850	MTO-2011E4TP 240V1P 1.1kW	FS	000	A	$642.00
035983	MTO-2014E2 120V1P 1.4KW	FS	000	A	$827.00
035991	MTO-2014E2 208V1P 1.4KW	FS	000	A	$827.00
036003	MTO-2014E2 240V1P 1.4KW	FS	000	A	$827.00
062869	MTO-2014E4TP 120V1P 1.4kW	FS	000	A	$734.00
062877	MTO-2014E4TP 208V1P 1.4kW	FS	000	A	$734.00
062885	MTO-2014E4TP 240V1P 1.4kW	FS	000	A	$734.00
178351	MTO-2005 120V1P 500W	FS	004	A	$293.00
178360	MTO-2005 208V1P 500W	FS	004	A	$293.00
178378	MTO-2005 240V1P 500W	FS	004	A	$319.00
178386	MTO-2006 120V1P 600W	NS	004	A	$329.00
178407	MTO-2006 240V1P 600W	NS	004	A	$329.00
178423	MTO-2008 208V1P 800W	NS	004	A	$382.00
178431	MTO-2008 240V1P 800W	NS	004	A	$382.00
178440	MTO-2011 120V1P 1100W	FS	006	A	$476.00
178458	MTO-2011 208V1P 1100W	FS	006	A	$476.00
178466	MTO-2011 240V1P 1100W	FS	006	A	$502.00
178474	MTO-2014 120V1P 1400W	FS	007	A	$568.00
178482	MTO-2014 208V1P 1400W	FS	007	A	$568.00
178490	MTO-2014 240V1P 1400W	FS	007	A	$594.00

EMTO,AREMTO SCREWPLUG 480

2" 3-P STEEL 23 WATTS/SQ IN

099266	EMTO-330 240V3P 3KW	FS	000	A	$440.00
099274	EMTO-330 480V3P 3KW	FS	000	A	$440.00
099282	EMTO-345 240V3P 4.5KW	FS	000	A	$584.00
099290	EMTO-345 480V3P 4.5KW	FS	000	A	$584.00
099303	EMTO-360 240V3P 6KW	FS	000	A	$740.00
099311	EMTO-360 480V3P 6KW	FS	000	A	$737.00
099320	EMTO-375 240V3P 7.5KW	FS	000	A	$901.00
099338	EMTO-375 480V3P 7.5KW	FS	000	A	$901.00
099346	EMTO-390 240V3P 9KW	FS	000	A	$1054.00
099354	EMTO-390 480V3P 9KW	FS	000	A	$1052.00
061292	EMTO-330E4TP 240V3P 3kW	FS	000	A	$580.00
061305	EMTO-330E4TP 480V3P 3kW	FS	000	A	$580.00
061313	EMTO-345E4TP 240V3P 4.5kW	FS	000	A	$724.00
061321	EMTO-345E4TP 480V3P 4.5kW	FS	000	A	$724.00
061330	EMTO-360E4TP 240V3P 6kW	FS	000	A	$877.00
061348	EMTO-360E4TP 480V3P 6kW	FS	000	A	$877.00
061356	EMTO-375E4TP 240V3P 7.5kW	FS	000	A	$1039.00
061364	EMTO-375E4TP 480V3P 7.5kW	FS	000	A	$1039.00
061372	EMTO-390E4TP 240V3P 9kW	FS	000	A	$1192.00
061380	EMTO-390E4TP 480V3P 9kW	FS	000	A	$1192.00
034753	EMTO-330E2 240V3P 3KW	FS	000	A	$673.00
034761	EMTO-330E2 480V3P 3KW	FS	000	A	$673.00
034770	EMTO-345E2 240V3P 4.5KW	FS	000	A	$820.00
034788	EMTO-345E2 480V3P 4.5KW	FS	000	A	$818.00
034796	EMTO-360E2 240V3P 6KW	FS	000	A	$970.00
034809	EMTO-360E2 480V3P 6KW	FS	000	A	$970.00
034817	EMTO-375E2 240V3P 7.5KW	FS	000	A	$1134.00
034825	EMTO-375E2 480V3P 7.5KW	FS	000	A	$1132.00
034833	EMTO-390E2 240V3P 9KW	FS	000	A	$1285.00
034841	EMTO-390E2 480V3P 9KW	FS	000	A	$1285.00
034454	AREMTO-3305T1 240V3P 3KW	FS	000	A	$907.00
034462	AREMTO-3305T1 480V3P 3KW	FS	000	A	$907.00
034470	AREMTO-3455T1 240V3P 4.5KW	FS	000	A	$1051.00
034489	AREMTO-3455T1 480V3P 4.5KW	FS	000	A	$1051.00
034497	AREMTO-3605T1 240V3P 6KW	FS	000	A	$1204.00
034500	AREMTO-3605T1 480V3P 6KW	FS	000	A	$1204.00
034518	AREMTO-3755T1 240V3P 7.5KW	FS	000	A	$1368.00
034526	AREMTO-3755T1 480V3P 7.5KW	FS	000	A	$1365.00
034534	AREMTO-3905T1 240V3P 9KW	FS	000	A	$1520.00
034542	AREMTO-3905T1 480V3P 9KW	FS	000	A	$1518.00
034657	AREMTO-3305E2T1 240V3P 3KW	FS	000	A	$1140.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
034665	AREMTO-3305E2T1 480V3P 3KW	FS	000	A	$1140.00
034673	AREMTO-3455E2T1 240V3P 4.5KW	FS	000	A	$1284.00
034681	AREMTO-3455E2T1 480V3P 4.5KW	FS	000	A	$1284.00
034690	AREMTO-3605E2T1 240V3P 6KW	FS	000	A	$1437.00
034702	AREMTO-3605E2T1 480V3P 6KW	FS	000	A	$1437.00
034710	AREMTO-3755E2T1 240V3P 7.5KW	FS	000	A	$1601.00
034729	AREMTO-3755E2T1 480V3P 7.5KW	FS	000	A	$1599.00
034737	AREMTO-3905E2T1 240V3P 9KW	FS	000	A	$1752.00
034745	AREMTO-3905E2T1 480V3P 9KW	FS	000	A	$1752.00
099362	AREMTO-3305T2 240V3P 3KW	FS	000	A	$907.00
099370	AREMTO-3305T2 480V3P 3KW	FS	000	A	$907.00
099389	AREMTO-3455T2 240V3P 4.5KW	FS	000	A	$1051.00
099397	AREMTO-3455T2 480V3P 4.5KW	FS	000	A	$1051.00
099400	AREMTO-3605T2 240V3P 6KW	FS	000	A	$1207.00
099418	AREMTO-3605T2 480V3P 6KW	FS	000	A	$1204.00
099426	AREMTO-3755T2 240V3P 7.5KW	FS	000	A	$1368.00
2" 3-P STEEL 8 WATTS/SQ IN					
099442	AREMTO-3905T2 240V3P 9KW	FS	000	A	$1520.00
099450	AREMTO-3905T2 480V3P 9KW	FS	000	A	$1520.00
034550	AREMTO-3305E2T2 240V3P 3KW	FS	000	A	$1140.00
034569	AREMTO-3305E2T2 480V3P 3KW	FS	000	A	$1140.00
034577	AREMTO-3455E2T2 240V3P 4.5KW	FS	000	A	$1284.00
034585	AREMTO-3455E2T2 480V3P 4.5KW	FS	000	A	$1284.00
034593	AREMTO-3605E2T2 240V3P 6KW	FS	000	A	$1437.00
034606	AREMTO-3605E2T2 480V3P 6KW	FS	000	A	$1437.00
034614	AREMTO-3755E2T2 240V3P 7.5KW	FS	000	A	$1599.00
034622	AREMTO-3755E2T2 480V3P 7.5KW	FS	000	A	$1599.00
034630	AREMTO-3905E2T2 240V3P 9KW	FS	000	A	$1754.00
034649	AREMTO-3905E2T2 480V3P 9KW	FS	000	A	$1752.00
2" 3-P STEEL 15 WATTS/SQ IN					
099469	EMTO-3030 240V3P 3KW	FS	000	A	$562.00
099477	EMTO-3030 480V3P 3KW	FS	000	A	$562.00
099485	EMTO-3040 240V3P 4KW	FS	000	A	$708.00
099493	EMTO-3040 480V3P 4KW	FS	000	A	$708.00
099506	EMTO-3050 240V3P 5KW	FS	000	A	$862.00
099514	EMTO-3050 480V3P 5KW	FS	000	A	$862.00
099522	EMTO-3060 240V3P 6KW	FS	000	A	$1010.00
099530	EMTO-3060 480V3P 6KW	FS	000	A	$1008.00
099549	EMTO-3090 240V3P 9KW	FS	000	A	$1401.00
099557	EMTO-3090 480V3P 9KW	FS	000	A	$1401.00
061170	EMTO-3030E4TP 240V3P 3kW	FS	000	A	$702.00
061188	EMTO-3030E4TP 480V3P 3kW	FS	000	A	$702.00
061217	EMTO-3040E4TP 240V3P 4kW	FS	000	A	$848.00
061225	EMTO-3040E4TP 480V3P 4kW	FS	000	A	$848.00
061233	EMTO-3050E4TP 240V3P 5kW	FS	000	A	$1002.00
061241	EMTO-3050E4TP 480V3P 5kW	FS	000	A	$1002.00
061250	EMTO-3060E4TP 240V3P 6kW	FS	000	A	$1148.00
061268	EMTO-3060E4TP 480V3P 6kW	FS	000	A	$1148.00
061276	EMTO-3090E4TP 240V3P 9kW	FS	000	A	$1541.00
061284	EMTO-3090E4TP 480V3P 9kW	FS	000	A	$1541.00
035158	EMTO-3030E2 240V3P 3KW	FS	000	A	$798.00
035166	EMTO-3030E2 480V3P 3KW	FS	000	A	$796.00
035174	EMTO-3040E2 240V3P 4KW	FS	000	A	$944.00
035182	EMTO-3040E2 480V3P 4KW	FS	000	A	$941.00
035190	EMTO-3050E2 240V3P 5KW	FS	000	A	$1098.00
035203	EMTO-3050E2 480V3P 5KW	FS	000	A	$1095.00
035211	EMTO-3060E2 240V3P 6KW	FS	000	A	$1243.00
035220	EMTO-3060E2 480V3P 6KW	FS	000	A	$1241.00
035238	EMTO-3090E2 240V3P 9KW	FS	000	A	$1634.00
035246	EMTO-3090E2 480V3P 9KW	FS	000	A	$1634.00
034850	AREMTO-30305T1 240V3P 3KW	FS	000	A	$1029.00
034868	AREMTO-30305T1 480V3P 3KW	FS	000	A	$1029.00
034876	AREMTO-30405T1 240V3P 4KW	FS	000	A	$1178.00
034884	AREMTO-30405T1 480V3P 4KW	FS	000	A	$1174.00
034892	AREMTO-30505T1 240V3P 5KW	FS	000	A	$1331.00
034905	AREMTO-30505T1 480V3P 5KW	FS	000	A	$1329.00
034913	AREMTO-30605T1 240V3P 6KW	FS	000	A	$1474.00
034921	AREMTO-30605T1 480V3P 6KW	FS	000	A	$1474.00
034930	AREMTO-30905T1 240V3P 9KW	FS	000	A	$1867.00
034948	AREMTO-30905T1 480V3P 9KW	FS	000	A	$1867.00
035051	AREMTO-30305E2T1 240V3P 3KW	FS	000	A	$1262.00
035060	AREMTO-30305E2T1 480V3P 3KW	FS	000	A	$1262.00
035078	AREMTO-30405E2T1 240V3P 4KW	FS	000	A	$1408.00
035086	AREMTO-30405E2T1 480V3P 4KW	FS	000	A	$1408.00
035094	AREMTO-30505E2T1 240V3P 5KW	FS	000	A	$1564.00
035107	AREMTO-30505E2T1 480V3P 5KW	FS	000	A	$1562.00
035115	AREMTO-30605E2T1 240V3P 6KW	FS	000	A	$1710.00
035123	AREMTO-30605E2T1 480V3P 6KW	FS	000	A	$1708.00
035131	AREMTO-30905E2T1 240V3P 9KW	FS	000	A	$2101.00
035140	AREMTO-30905E2T1 480V3P 9KW	FS	000	A	$2101.00
099565	AREMTO-30305T2 240V3P 3KW	FS	000	A	$1029.00
099573	AREMTO-30305T2 480V3P 3KW	FS	000	A	$1029.00
099581	AREMTO-30405T2 240V3P 4KW	FS	000	A	$1178.00
099590	AREMTO-30405T2 480V3P 4KW	FS	000	A	$1178.00
099602	AREMTO-30505T2 240V3P 5KW	FS	000	A	$1329.00
099610	AREMTO-30505T2 480V3P 5KW	FS	000	A	$1329.00
099629	AREMTO-30605T2 240V3P 6KW	FS	000	A	$1476.00
099637	AREMTO-30605T2 480V3P 6KW	FS	000	A	$1474.00
099645	AREMTO-30905T2 240V3P 9KW	FS	000	A	$1867.00
099653	AREMTO-30905T2 480V3P 9KW	FS	000	A	$1867.00
034956	AREMTO-30305E2T2 240V3P 3KW	FS	000	A	$1262.00
034964	AREMTO-30305E2T2 480V3P 3KW	FS	000	A	$1262.00
034972	AREMTO-30405E2T2 240V3P 4KW	FS	000	A	$1411.00
034980	AREMTO-30405E2T2 480V3P 4KW	FS	000	A	$1408.00
034999	AREMTO-30505E2T2 240V3P 5KW	FS	000	A	$1564.00
035000	AREMTO-30505E2T2 480V3P 5KW	FS	000	A	$1562.00
035019	AREMTO-30605E2T2 240V3P 6KW	FS	000	A	$1708.00
035027	AREMTO-30605E2T2 480V3P 6KW	FS	000	A	$1708.00
035035	AREMTO-30905E2T2 240V3P 9KW	FS	000	A	$2101.00
035043	AREMTO-30905E2T2 480V3P 9KW	FS	000	A	$2101.00
2" 3-P STEEL 8 WATTS/SQ IN					
099661	EMTO-301 240V3P 1KW	FS	000	A	$411.00
099670	EMTO-301 480V3P 1KW	FS	000	A	$411.00
099688	EMTO-3015 240V3P 1.5KW	FS	000	A	$540.00
099696	EMTO-3015 480V3P 1.5KW	FS	000	A	$540.00
099709	EMTO-302 240V3P 2KW	FS	000	A	$678.00
099717	EMTO-302 480V3P 2KW	FS	000	A	$678.00
099725	EMTO-3025 240V3P 2.5KW	FS	000	A	$828.00
099733	EMTO-3025 480V3P 2.5KW	FS	000	A	$825.00
099741	EMTO-303 240V3P 3KW	FS	000	A	$964.00
099750	EMTO-303 480V3P 3KW	FS	000	A	$964.00
061110	EMTO-301E4TP 240V3P 1kW	FS	000	A	$551.00
061129	EMTO-301E4TP 480V3P 1kW	FS	000	A	$551.00
061090	EMTO-3015E4TP 240V3P 1.5kW	FS	000	A	$680.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
061102	EMTO-3015E4TP 480V3P 1.5kW	FS	000	A	$680.00
061153	EMTO-302E4TP 240V3P 2kW	FS	000	A	$818.00
061161	EMTO-302E4TP 480V3P 2kW	FS	000	A	$818.00
061137	EMTO-3025E4TP 240V3P 2.5kW	FS	000	A	$965.00
061145	EMTO-3025E4TP 480V3P 2.5kW	FS	000	A	$965.00
061196	EMTO-303E4TP 240V3P 3kW	FS	000	A	$1104.00
061209	EMTO-303E4TP 480V3P 3kW	FS	000	A	$1104.00
035553	EMTO-301E2 240V3P 1KW	FS	000	A	$644.00
035561	EMTO-301E2 480V3P 1KW	FS	000	A	$644.00
035570	EMTO-3015E2 240V3P 1.5KW	FS	000	A	$776.00
035588	EMTO-3015E2 480V3P 1.5KW	FS	000	A	$774.00
035596	EMTO-302E2 240V3P 2KW	FS	000	A	$915.00
035609	EMTO-302E2 480V3P 2KW	FS	000	A	$912.00
035617	EMTO-3025E2 240V3P 2.5KW	FS	000	A	$1059.00
035625	EMTO-3025E2 480V3P 2.5KW	FS	000	A	$1059.00
035633	EMTO-303E2 240V3P 3KW	FS	000	A	$1197.00
035641	EMTO-303E2 480V3P 3KW	FS	000	A	$1197.00
035254	AREMTO-3015T1 240V3P 1KW	FS	000	A	$877.00
035262	AREMTO-3015T1 480V3P 1KW	FS	000	A	$877.00
035270	AREMTO-30155T1 240V3P 1.5KW	FS	000	A	$1009.00
035289	AREMTO-30155T1 480V3P 1.5KW	FS	000	A	$1007.00
035297	AREMTO-3025T1 240V3P 2KW	FS	000	A	$1148.00
035300	AREMTO-3025T1 480V3P 2KW	FS	000	A	$1145.00
035318	AREMTO-30255T1 240V3P 2.5KW	FS	000	A	$1294.00
035326	AREMTO-30255T1 480V3P 2.5KW	FS	000	A	$1294.00
035334	AREMTO-3035T1 240V3P 3KW	FS	000	A	$1432.00
035342	AREMTO-3035T1 480V3P 3KW	FS	000	A	$1430.00
035457	AREMTO-3015E2T1 240V3P 1KW	FS	000	A	$1111.00
035465	AREMTO-3015E2T1 480V3P 1KW	FS	000	A	$1111.00
035473	AREMTO-30155E2T1 240V3P 1.5KW	FS	000	A	$1240.00
035481	AREMTO-30155E2T1 480V3P 1.5KW	FS	000	A	$1240.00
035490	AREMTO-3025E2T1 240V3P 2KW	FS	000	A	$1382.00
035502	AREMTO-3025E2T1 480V3P 2KW	FS	000	A	$1378.00
035510	AREMTO-30255TE2 240V3P 2.5KW	FS	000	A	$1528.00
035529	AREMTO-30255E2T1 480V3P 2.5KW	FS	000	A	$1528.00
035537	AREMTO-3035E2T1 240V3P 3KW	FS	000	A	$1664.00
035545	AREMTO-3035E2T1 480V3P 3KW	FS	000	A	$1664.00
099768	AREMTO-3015T2 240V3P 1KW	FS	000	A	$877.00
099776	AREMTO-3015T2 480V3P 1KW	FS	000	A	$877.00
099784	AREMTO-30155T2 240V3P 1.5KW	FS	000	A	$1009.00
099792	AREMTO-30155T2 480V3P 1.5KW	FS	000	A	$1007.00
099805	AREMTO-3025T2 240V3P 2KW	FS	000	A	$1148.00
099813	AREMTO-3025T2 480V3P 2KW	FS	000	A	$1145.00
099821	AREMTO-30255T2 240V3P 2.5KW	FS	000	A	$1292.00
099830	AREMTO-30255T2 480V3P 2.5KW	FS	000	A	$1294.00
099848	AREMTO-30255T2 240V3P 3KW	FS	000	A	$1430.00
099856	AREMTO-30255T2 480V3P 3KW	FS	000	A	$1430.00
035350	AREMTO-3015E2T2 240V3P 1KW	FS	000	A	$1111.00
035369	AREMTO-3015E2T2 480V3P 1KW	FS	000	A	$1111.00
035377	AREMTO-30155E2T2 240V3P 1.5KW	FS	000	A	$1240.00
035385	AREMTO-30155E2T2 480V3P 1.5KW	FS	000	A	$1242.00
035393	AREMTO-3025E2T2 240V3P 2KW	FS	000	A	$1382.00
035406	AREMTO-3025E2T2 480V3P 2KW	FS	000	A	$1378.00
035414	AREMTO-30255E2T2 240V3P 2.5KW	FS	000	A	$1528.00
035422	AREMTO-30255E2T2 480V3P 2.5KW	FS	000	A	$1525.00
035430	AREMTO-3035E2T2 240V3P 3KW	FS	000	A	$1664.00
035449	AREMTO-3035E2T2 480V3P 3KW	FS	000	A	$1664.00

PCN	DESCRIPTION	SS	WT	D	PRICE
	EMTS,AREMTS SCREWPLUGS 480				
	2 INCH STAINLESS STEEL, LOW WATT DENSITY				
090472	EMTS-301 240V3P 1KW	FS	004	A	$636.00
090480	EMTS-301 480V3P 1KW	FS	004	A	$636.00
090499	EMTS-302 240V3P 2KW	FS	005	A	$816.00
090501	EMTS-302 480V3P 2KW	FS	005	A	$816.00
091248	EMTS-303 240V3P 3KW	FS	005	A	$948.00
091256	EMTS-303 480V3P 3KW	FS	005	A	$946.00
091264	EMTS-304 240V3P 4KW	FS	006	A	$1087.00
091272	EMTS-304 480V3P 4KW	FS	006	A	$1084.00
091280	EMTS-305 240V3P 5KW	FS	007	A	$1232.00
091299	EMTS-305 480V3P 5KW	FS	007	A	$1230.00
091301	EMTS-306 240V3P 6KW	FS	008	A	$1371.00
091310	EMTS-306 480V3P 6KW	FS	008	A	$1368.00
061399	EMTS-301E4TP 240V3P 1kW	FS	008	A	$776.00
061401	EMTS-301E4TP 480V3P 1kW	FS	008	A	$776.00
061410	EMTS-302E4TP 240V3P 2kW	FS	008	A	$956.00
061428	EMTS-302E4TP 480V3P 2kW	FS	008	A	$956.00
061452	EMTS-303E4TP 240V3P 3kW	FS	008	A	$1086.00
061460	EMTS-303E4TP 480V3P 3kW	FS	008	A	$1086.00
061495	EMTS-304E4TP 240V3P 4kW	FS	008	A	$1224.00
061508	EMTS-304E4TP 480V3P 4kW	FS	008	A	$1224.00
061516	EMTS-305E4TP 240V3P 5kW	FS	008	A	$1370.00
061524	EMTS-305E4TP 480V3P 5kW	FS	008	A	$1370.00
061559	EMTS-306E4TP 240V3P 6kW	FS	008	A	$1508.00
061567	EMTS-306E4TP 480V3P 6kW	FS	008	A	$1508.00
033611	EMTS-301E2 240V3P 1KW	FS	012	A	$869.00
033620	EMTS-301E2 480V3P 1KW	FS	012	A	$869.00
033638	EMTS-302E2 240V3P 2KW	FS	012	A	$1050.00
033646	EMTS-302E2 480V3P 2KW	FS	012	A	$1050.00
033654	EMTS-302E2 240V3P 3KW	FS	012	A	$1179.00
033662	EMTS-303E2 480V3P 3KW	FS	012	A	$1179.00
033670	EMTS-304E2 240V3P 4KW	FS	012	A	$1317.00
033689	EMTS-304E2 480V3P 4KW	FS	012	A	$1317.00
033697	EMTS-305E2 240V3P 5KW	FS	012	A	$1466.00
033700	EMTS-305E2 480V3P 5KW	FS	012	A	$1464.00
033718	EMTS-306E2 240V3P 6KW	FS	012	A	$1602.00
033726	EMTS-306E2 480V3P 6KW	FS	012	A	$1604.00
033734	AREMTS-3015T1 240V3P 1KW	FS	000	A	$1102.00
033742	AREMTS-3015T1 480V3P 1KW	FS	000	A	$1102.00
033750	AREMTS-3025T1 240V3P 2KW	FS	000	A	$1283.00
033769	AREMTS-3025T1 480V3P 2KW	FS	000	A	$1283.00
033777	AREMTS-3035T1 240V3P 3KW	FS	000	A	$1415.00
033785	AREMTS-3035T1 480V3P 3KW	FS	000	A	$1412.00
033793	AREMTS-3045T1 240V3P 4KW	FS	000	A	$1554.00
033806	AREMTS-3045T1 480V3P 4KW	FS	000	A	$1554.00
033814	AREMTS-3055T1 240V3P 5KW	FS	000	A	$1699.00
033822	AREMTS-3055T1 480V3P 5KW	FS	000	A	$1699.00
033830	AREMTS-3065T1 240V3P 6KW	FS	000	A	$1837.00
033849	AREMTS-3065T1 480V3P 6KW	FS	000	A	$1837.00
033970	AREMTS-3015E2T1 240V3P 1KW	FS	000	A	$1335.00
033988	AREMTS-3015E2T1 480V3P 1KW	FS	000	A	$1335.00
033996	AREMTS-3025E2T1 240V3P 2KW	FS	000	A	$1516.00
034008	AREMTS-3025E2T1 480V3P 2KW	NS	000	A	$1516.00
034016	AREMTS-3035E2T1 240V3P 3KW	FS	000	A	$1648.00
034024	AREMTS-3035E2T1 480V3P 3KW	FS	000	A	$1646.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
034032	AREMTS-3045E2T1 240V3P 4KW	FS	000	A	$1787.00
034040	AREMTS-3045E2T1 480V3P 4KW	FS	000	A	$1784.00
034059	AREMTS-3055E2T1 240V3P 5KW	FS	000	A	$1932.00
034067	AREMTS-3055E2T1 480V3P 5KW	FS	000	A	$1932.00
034075	AREMTS-3065E2T1 240V3P 6KW	FS	000	A	$2070.00
034083	AREMTS-3065E2T1 480V3P 6KW	FS	000	A	$2068.00
091328	AREMTS-3015T2 240V3P 1KW	FS	006	A	$1102.00
091336	AREMTS-3015T2 480V3P 1KW	FS	006	A	$1102.00
091344	AREMTS-3025T2 240V3P 2KW	FS	007	A	$1283.00
091352	AREMTS-3025T2 480V3P 2KW	FS	007	A	$1283.00
091360	AREMTS-3035T2 240V3P 3KW	FS	007	A	$1412.00
091379	AREMTS-3035T2 480V3P 3KW	FS	007	A	$1415.00
091387	AREMTS-3045T2 240V3P 4KW	FS	008	A	$1554.00
091395	AREMTS-3045T2 480V3P 4KW	FS	008	A	$1554.00
091408	AREMTS-3055T2 240V3P 5KW	FS	009	A	$1699.00
091416	AREMTS-3055T2 480V3P 5KW	FS	009	A	$1699.00
091424	AREMTS-3065T2 240V3P 6KW	FS	010	A	$1837.00
091432	AREMTS-3065T2 480V3P 6KW	FS	010	A	$1835.00
033857	AREMTS-3015E2T2 240V3P 1KW	FS	000	A	$1335.00
033865	AREMTS-3015E2T2 480V3P 1KW	FS	000	A	$1335.00
033873	AREMTS-3025E2T2 240V3P 2KW	FS	000	A	$1516.00
033881	AREMTS-3025E2T2 480V3P 2KW	FS	000	A	$1516.00
033890	AREMTS-3035E2T2 240V3P 3KW	FS	000	A	$1646.00
033902	AREMTS-3035E2T2 480V3P 3KW	FS	000	A	$1646.00
033910	AREMTS-3045E2T2 240V3P 4KW	FS	000	A	$1787.00
033929	AREMTS-3045E2T2 480V3P 4KW	FS	000	A	$1787.00
033937	AREMTS-3055E2T2 240V3P 5KW	FS	000	A	$1932.00
033945	AREMTS-3055E2T2 480V3P 5KW	FS	000	A	$1932.00
033953	AREMTS-3065E2T2 240V3P 6KW	FS	000	A	$2070.00
033961	AREMTS-3065E2T2 480V3P 6KW	FS	000	A	$2068.00

For E4 (moisture resistant) enclosure option see special features section.

EMTI,AREMTI SCREWPLUG 480

2 INCH INCOLOY, LOW WATT DENSITY

091440	EMTI-301 240V3P 1KW	FS	004	A	$746.00
091459	EMTI-301 480V3P 1KW	FS	004	A	$746.00
091467	EMTI-302 240V3P 2KW	FS	005	A	$947.00
091475	EMTI-302 480V3P 2KW	FS	005	A	$947.00
091483	EMTI-303 240V3P 3KW	FS	005	A	$1088.00
091491	EMTI-303 480V3P 3KW	FS	005	A	$1088.00
091504	EMTI-304 240V3P 4KW	FS	006	A	$1243.00
091512	EMTI-304 480V3P 4KW	FS	005	A	$1239.00
091520	EMTI-305 240V3P 5KW	FS	006	A	$1400.00
091539	EMTI-305 480V3P 5KW	FS	006	A	$1402.00
091547	EMTI-306 240V3P 6KW	FS	007	A	$1554.00
091555	EMTI-306 480V3P 6KW	FS	007	A	$1554.00
060759	EMTI-301E4TP 240V3P 1kW	FS	007	A	$886.00
060767	EMTI-301E4TP 480V3P 1kW	FS	007	A	$886.00
060775	EMTI-302E4TP 240V3P 2kW	FS	007	A	$1087.00
060783	EMTI-302E4TP 480V3P 2kW	FS	007	A	$1087.00
060812	EMTI-303E4TP 240V3P 3kW	FS	007	A	$1228.00
060820	EMTI-303E4TP 480V3P 3kW	FS	007	A	$1228.00
060855	EMTI-304E4TP 240V3P 4kW	FS	007	A	$1379.00
060867	EMTI-304E4TP 480V3P 4kW	FS	007	A	$1379.00
060871	EMTI-305E4TP 240V3P 5kW	FS	007	A	$1540.00
060880	EMTI-305E4TP 480V3P 5kW	FS	007	A	$1540.00
060919	EMTI-306E4TP 240V3P 6kW	FS	007	A	$1691.00
060927	EMTI-306E4TP 480V3P 6kW	FS	007	A	$1691.00
033494	EMTI-301E2 240V3P 1KW	FS	000	A	$979.00
033507	EMTI-301E2 480V3P 1KW	FS	000	A	$979.00
033515	EMTI-302E2 240V3P 2KW	FS	000	A	$1180.00
033523	EMTI-302E2 480V3P 2KW	FS	000	A	$1180.00
033531	EMTI-303E2 240V3P 3KW	FS	000	A	$1324.00
033540	EMTI-303E2 480V3P 3KW	FS	000	A	$1324.00
033558	EMTI-304E2 240V3P 4KW	FS	000	A	$1472.00
033566	EMTI-304E2 480V3P 4KW	FS	000	A	$1472.00
033574	EMTI-305E2 240V3P 5KW	FS	000	A	$1636.00
033582	EMTI-305E2 480V3P 5KW	FS	000	A	$1636.00
033590	EMTI-306E2 240V3P 6KW	FS	000	A	$1787.00
033603	EMTI-306E2 480V3P 6KW	FS	000	A	$1784.00
034091	AREMTI-3015T1 240V3P 1KW	FS	000	A	$1213.00
034104	AREMTI-3015T1 480V3P 1KW	FS	000	A	$1213.00
034112	AREMTI-3025T1 240V3P 2KW	FS	000	A	$1413.00
034120	AREMTI-3025T1 480V3P 2KW	FS	000	A	$1413.00
034139	AREMTI-3035T1 240V3P 3KW	FS	000	A	$1557.00
034147	AREMTI-3035T1 480V3P 3KW	FS	000	A	$1555.00
034155	AREMTI-3045T1 240V3P 4KW	FS	000	A	$1709.00
034163	AREMTI-3045T1 480V3P 4KW	FS	000	A	$1706.00
034171	AREMTI-3055T1 240V3P 5KW	FS	000	A	$1869.00
034180	AREMTI-3055T1 480V3P 5KW	FS	000	A	$1869.00
034198	AREMTI-3065T1 240V3P 6KW	FS	000	A	$2020.00
034200	AREMTI-3065T1 480V3P 6KW	FS	000	A	$2020.00
034331	AREMTI-3015E2T1 240V3P 1KW	FS	000	A	$1446.00
034340	AREMTI-3015E2T1 480V3P 1KW	FS	000	A	$1446.00
034358	AREMTI-3025E2T1 240V3P 2KW	FS	000	A	$1647.00
034366	AREMTI-3025E2T1 480V3P 2KW	FS	000	A	$1647.00
034374	AREMTI-3035E2T1 240V3P 3KW	FS	000	A	$1788.00
034382	AREMTI-3035E2T1 480V3P 3KW	FS	000	A	$1788.00
034390	AREMTI-3045E2T1 240V3P 4KW	FS	000	A	$1939.00
034403	AREMTI-3045E2T1 480V3P 4KW	FS	000	A	$1939.00
034411	AREMTI-3055E2T1 240V3P 5KW	FS	000	A	$2100.00
034420	AREMTI-3055E2T1 480V3P 5KW	FS	000	A	$2102.00
034438	AREMTI-3065E2T1 240V3P 6KW	FS	000	A	$2254.00
034446	AREMTI-3065E2T1 480V3P 6KW	FS	000	A	$2251.00
091563	AREMTI-3015T2 240V3P 1KW	FS	006	A	$1213.00
091571	AREMTI-3015T2 480V3P 1KW	FS	006	A	$1213.00
091580	AREMTI-3025T2 240V3P 2KW	FS	007	A	$1413.00
091598	AREMTI-3025T2 480V3P 2KW	FS	007	A	$1413.00
091600	AREMTI-3035T2 240V3P 3KW	FS	007	A	$1557.00
091619	AREMTI-3035T2 480V3P 3KW	FS	007	A	$1557.00
091627	AREMTI-3045T2 240V3P 4KW	FS	008	A	$1709.00
091635	AREMTI-3045T2 480V3P 4KW	FS	008	A	$1706.00
091643	AREMTI-3055T2 240V3P 5KW	FS	009	A	$1869.00
091651	AREMTI-3055T2 480V3P 5KW	FS	009	A	$1867.00
091660	AREMTI-3065T2 240V3P 6KW	FS	010	A	$2020.00
091678	AREMTI-3065T2 480V3P 6KW	FS	010	A	$2018.00
034219	AREMTI-3015E2T2 240V3P 1KW	FS	000	A	$1446.00
034227	AREMTI-3015E2T2 480V3P 1KW	FS	000	A	$1446.00
034235	AREMTI-3025E2T2 240V3P 2KW	FS	000	A	$1647.00
034243	AREMTI-3025E2T2 480V3P 2KW	FS	000	A	$1647.00
034251	AREMTI-3035E2T2 240V3P 3KW	FS	000	A	$1788.00
034260	AREMTI-3035E2T2 480V3P 3KW	FS	000	A	$1788.00
034278	AREMTI-3045E2T2 240V3P 4KW	FS	000	A	$1939.00
034286	AREMTI-3045E2T2 480V3P 4KW	FS	000	A	$1939.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
034294	AREMTI-3055E2T2 240V3P 5KW	FS	000	A	$2100.00
034307	AREMTI-3055E2T2 480V3P 5KW	FS	000	A	$2102.00
034315	AREMTI-3065E2T2 240V3P 6KW	FS	000	A	$2251.00
034323	AREMTI-3065E2T2 480V3P 6KW	FS	000	A	$2251.00

EMTS, AREMTS SCREWPLUG 480

2 INCH STAINLESS STEEL, MEDIUM WATT DENSITY

091686	EMTS-3030 240V3P 3KW	FS	005	A	$826.00
091694	EMTS-3030 480V3P 3KW	FS	005	A	$826.00
091707	EMTS-3045 240V3P 4.5KW	FS	005	A	$963.00
091715	EMTS-3045 480V3P 4.5KW	FS	005	A	$960.00
091723	EMTS-3060 240V3P 6KW	FS	006	A	$1107.00
091731	EMTS-3060 480V3P 6KW	FS	006	A	$1103.00
091740	EMTS-3075 240V3P 7.5KW	FS	007	A	$1255.00
091758	EMTS-3075 480V3P 7.5KW	FS	007	A	$1257.00
091766	EMTS-3090 240V3P 9KW	FS	008	A	$1398.00
091774	EMTS-3090 480V3P 9KW	FS	080	A	$1398.00
061436	EMTS-3030E4TP 240V3P 3kW	FS	080	A	$966.00
061444	EMTS-3030E4TP 480V3P 3kW	FS	080	A	$966.00
061479	EMTS-3045E4TP 240V3P 4.5kW	FS	080	A	$1101.00
061487	EMTS-3045E4TP 480V3P 4.5kW	FS	080	A	$1101.00
061532	EMTS-3060E4TP 240V3P 6kW	FS	080	A	$1243.00
061540	EMTS-3060E4TP 480V3P 6kW	FS	080	A	$1243.00
061575	EMTS-3075E4TP 240V3P 7.5kW	FS	080	A	$1395.00
061583	EMTS-3075E4TP 480V3P 7.5kW	FS	080	A	$1395.00
061591	EMTS-3090E4TP 240V3P 9kW	FS	080	A	$1538.00
061604	EMTS-3090E4TP 480V3P 9kW	FS	080	A	$1538.00
033398	EMTS-3030E2 240V3P 3KW	FS	000	A	$1059.00
033400	EMTS-3030E2 480V3P 3KW	FS	000	A	$1059.00
033419	EMTS-3045E2 240V3P 4.5KW	FS	000	A	$1194.00
033427	EMTS-3045E2 480V3P 4.5KW	FS	000	A	$1194.00
033435	EMTS-3060E2 240V3P 6KW	FS	000	A	$1337.00
033443	EMTS-3060E2 480V3P 6KW	FS	000	A	$1340.00
033451	EMTS-3075E2 240V3P 7.5KW	FS	000	A	$1490.00
033460	EMTS-3075E2 480V3P 7.5KW	FS	000	A	$1490.00
033478	EMTS-3090E2 240V3P 9KW	FS	000	A	$1633.00
033486	EMTS-3090E2 480V3P 9KW	FS	000	A	$1631.00
032993	AREMTS-30305T1 240V3P 3KW	FS	000	A	$1293.00
033005	AREMTS-30305T1 480V3P 3KW	FS	000	A	$1293.00
033013	AREMTS-30455T1 240V3P 4.5KW	FS	000	A	$1429.00
033021	AREMTS-30455T1 480V3P 4.5KW	FS	000	A	$1429.00
033030	AREMTS-30605T1 240V3P 6KW	FS	000	A	$1573.00
033048	AREMTS-30605T1 480V3P 6KW	FS	000	A	$1573.00
033056	AREMTS-30755T1 240V3P 7.5KW	FS	000	A	$1724.00
033064	AREMTS-30755T1 480V3P 7.5KW	FS	000	A	$1724.00
033072	AREMTS-30905T1 240V3P 9KW	FS	000	A	$1867.00
033080	AREMTS-30905T1 480V3P 9KW	FS	000	A	$1867.00
033195	AREMTS-30305E2T1 240V3P 3KW	FS	000	A	$1526.00
033208	AREMTS-30305E2T1 480V3P 3KW	FS	000	A	$1526.00
033216	AREMTS-30455E2T1 240V3P 4.5KW	FS	000	A	$1663.00
033224	AREMTS-30455E2T1 480V3P 4.5KW	FS	000	A	$1660.00
033232	AREMTS-30605E2T1 240V3P 6KW	FS	000	A	$1807.00
033240	AREMTS-30605E2T1 480V3P 6KW	FS	000	A	$1807.00
033259	AREMTS-30755E2T1 240V3P 7.5KW	FS	000	A	$1957.00
033267	AREMTS-30755E2T1 480V3P 7.5KW	FS	000	A	$1957.00
033275	AREMTS-30905E2T1 240V3P 9KW	FS	000	A	$2100.00
033283	AREMTS-30905E2T1 480V3P 9KW	FS	000	A	$2100.00

PCN	DESCRIPTION	SS	WT	D	PRICE
091782	AREMTS-30305T2 240V3P 3KW	FS	005	A	$1293.00
091790	AREMTS-30305T2 480V3P 3KW	FS	005	A	$1293.00
091803	AREMTS-30455T2 240V3P 4.5KW	FS	007	A	$1429.00
091811	AREMTS-30455T2 480V3P 4.5KW	FS	007	A	$1427.00
091820	AREMTS-30605T2 240V3P 6KW	FS	008	A	$1573.00
091838	AREMTS-30605T2 480V3P 6KW	FS	008	A	$1570.00
091846	AREMTS-30755T2 240V3P 7.5KW	FS	009	A	$1724.00
091854	AREMTS-30755T2 480V3P 7.5KW	FS	009	A	$1722.00
091862	AREMTS-30905T2 240V3P 9KW	FS	010	A	$1865.00
091870	AREMTS-30905T2 480V3P 9KW	FS	010	A	$1865.00
033099	AREMTS-30305E2T2 240V3P 3KW	FS	000	A	$1526.00
033101	AREMTS-30305E2T2 480V3P 3KW	FS	000	A	$1526.00
033110	AREMTS-30455E2T2 240V3P 4.5KW	FS	000	A	$1663.00
033128	AREMTS-30455E2T2 480V3P 4.5KW	FS	000	A	$1660.00
033136	AREMTS-30605E2T2 240V3P 6KW	FS	000	A	$1807.00
033144	AREMTS-30605E2T2 480V3P 6KW	FS	000	A	$1807.00
033152	AREMTS-30755E2T2 240V3P 7.5KW	FS	000	A	$1957.00
033160	AREMTS-30755E2T2 480V3P 7.5KW	FS	000	A	$1957.00
033179	AREMTS-30905E2T2 240V3P 9KW	FS	000	A	$2098.00
033187	AREMTS-30905E2T2 480V3P 9KW	FS	000	A	$2098.00

EMTI,AREMTI SCREWPLUG 480

2 INCH INCOLOY, MEDIUM WATT DENSITY

091889	EMTI-3030 240V3P 3KW	FS	005	A	$949.00
091897	EMTI-3030 480V3P 3KW	FS	005	A	$949.00
091900	EMTI-3045 240V3P 4.5KW	FS	005	A	$1091.00
091918	EMTI-3045 480V3P 4.5KW	FS	005	A	$1091.00
091926	EMTI-3060 240V3P 6KW	FS	006	A	$1243.00
091934	EMTI-3060 480V3P 6KW	FS	006	A	$1243.00
091942	EMTI-3075 240V3P 7.5KW	FS	007	A	$1408.00
091950	EMTI-3075 480V3P 7.5KW	FS	007	A	$1405.00
091969	EMTI-3090 240V3P 9KW	FS	008	A	$1560.00
091977	EMTI-3090 480V3P 9KW	FS	008	A	$1560.00
060791	EMTI-3030E4TP 240V3P 3kW	FS	008	A	$1089.00
060804	EMTI-3030E4TP 480V3P 3kW	FS	008	A	$1089.00
060839	EMTI-3045E4TP 240V3P 4.5kW	FS	008	A	$1231.00
060847	EMTI-3045E4TP 480V3P 4.5kW	FS	008	A	$1231.00
060898	EMTI-3060E4TP 240V3P 6kW	FS	008	A	$1383.00
060900	EMTI-3060E4TP 480V3P 6kW	FS	008	A	$1383.00
060935	EMTI-3075E4TP 240V3P 7.5kW	FS	008	A	$1545.00
060943	EMTI-3075E4TP 480V3P 7.5kW	FS	008	A	$1545.00
060951	EMTI-3090E4TP 240V3P 9kW	FS	008	A	$1697.00
060960	EMTI-3090E4TP 480V3P 9kW	FS	008	A	$1697.00
033291	EMTI-3030E2 240V3P 3KW	FS	000	A	$1182.00
033304	EMTI-3030E2 480V3P 3KW	FS	000	A	$1182.00
033312	EMTI-3045E2 240V3P 4.5KW	FS	000	A	$1324.00
033320	EMTI-3045E2 480V3P 4.5KW	FS	000	A	$1324.00
033339	EMTI-3060E2 240V3P 6KW	FS	000	A	$1476.00
033347	EMTI-3060E2 480V3P 6KW	FS	000	A	$1476.00
033355	EMTI-3075E2 240V3P 7.5KW	FS	000	A	$1639.00
033363	EMTI-3075E2 480V3P 7.5KW	FS	000	A	$1639.00
033371	EMTI-3090E2 240V3P 9KW	FS	000	A	$1793.00
033380	EMTI-3090E2 480V3P 9KW	FS	000	A	$1791.00
032694	AREMTI-30305T1 240V3P 3KW	FS	000	A	$1415.00
032707	AREMTI-30305T1 480V3P 3KW	FS	000	A	$1415.00
032715	AREMTI-30455T1 240V3P 4.5KW	FS	000	A	$1560.00
032723	AREMTI-30455T1 480V3P 4.5KW	FS	000	A	$1558.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
032731	AREMTI-30605T1 240V3P 6KW	FS	000	A	$1714.00
032740	AREMTI-30605T1 480V3P 6KW	FS	000	A	$1710.00
032758	AREMTI-30755T1 240V3P 7.5KW	FS	000	A	$1874.00
032766	AREMTI-30755T1 480V3P 7.5KW	FS	000	A	$1872.00
032774	AREMTI-30905T1 240V3P 9KW	FS	000	A	$2027.00
032782	AREMTI-30905T1 480V3P 9KW	FS	000	A	$2027.00
032897	AREMTI-30305E2T1 240V3P 3KW	FS	000	A	$1649.00
032900	AREMTI-30305E2T1 480V3P 3KW	FS	000	A	$1649.00
032918	AREMTI-30455E2T1 240V3P 4.5KW	FS	000	A	$1791.00
032926	AREMTI-30455E2T1 480V3P 4.5KW	FS	000	A	$1791.00
032934	AREMTI-30605E2T1 240V3P 6KW	FS	000	A	$1947.00
032942	AREMTI-30605E2T1 480V3P 6KW	FS	000	A	$1947.00
032950	AREMTI-30755E2T1 240V3P 7.5KW	FS	000	A	$2108.00
032969	AREMTI-30755E2T1 480V3P 7.5KW	FS	000	A	$2108.00
032977	AREMTI-30905E2T1 240V3P 9KW	FS	000	A	$2260.00
032985	AREMTI-30905E2T1 480V3P 9KW	FS	000	A	$2257.00
091985	AREMTI-30305T2 240V3P 3KW	FS	007	A	$1415.00
091993	AREMTI-30305T2 480V3P 3KW	FS	007	A	$1415.00
092005	AREMTI-30455T2 240V3P 4.5KW	FS	007	A	$1558.00
097560	AREMTI-30455T2 480V3P 4.5KW	FS	007	A	$1558.00
097578	AREMTI-30605T2 240V3P 6KW	FS	008	A	$1714.00
097586	AREMTI-30605T2 480V3P 6KW	FS	008	A	$1710.00
097594	AREMTI-30755T2 240V3P 7.5KW	FS	009	A	$1874.00
097607	AREMTI-30755T2 480V3P 7.5KW	FS	009	A	$1872.00
097615	AREMTI-30905T2 240V3P 9KW	FS	010	A	$2027.00
097623	AREMTI-30905T2 480V3P 9KW	FS	010	A	$2024.00
032790	AREMTI-30305E2T2 240V3P 3KW	FS	000	A	$1649.00
032803	AREMTI-30305E2T2 480V3P 3KW	FS	000	A	$1649.00
032811	AREMTI-30455E2T2 240V3P 4.5KW	FS	000	A	$1791.00
032820	AREMTI-30455E2T2 480V3P 4.5KW	FS	000	A	$1791.00
032838	AREMTI-30605E2T2 240V3P 6KW	FS	000	A	$1947.00
032846	AREMTI-30605E2T2 480V3P 6KW	FS	000	A	$1943.00
032854	AREMTI-30755E2T2 240V3P 7.5KW	FS	000	A	$2108.00
032862	AREMTI-30755E2T2 480V3P 7.5KW	FS	000	A	$2108.00
032870	AREMTI-30905E2T2 240V3P 9KW	FS	000	A	$2260.00
032889	AREMTI-30905E2T2 480V3P 9KW	FS	000	A	$2257.00
	EMTS,ARENTS SCREWPLUG 480				
	2 INCH STAINLESS STEEL, HIGH WATT DENSITY				
092013	EMTS-330 208V1P 3.0KW	FS	003	A	$655.00
092021	EMTS-330 208V3P 3.0KW	FS	003	A	$655.00
092030	EMTS-330 240V1P 3.0KW	FS	003	A	$655.00
092048	EMTS-330 240V3P 3.0KW	FS	003	A	$655.00
092056	EMTS-330 480V1P 3.0KW	FS	003	A	$655.00
092064	EMTS-330 480V3P 3.0KW	ST	003	A	$655.00
061794	EMTS-330E4TP 208V3P 3kW	FS	003	A	$795.00
061807	EMTS-330E4TP 240V1P 3kW	FS	003	A	$795.00
061815	EMTS-330E4TP 240V3P 3kW	FS	003	A	$795.00
061823	EMTS-330E4TP 480V1P 3kW	FS	003	A	$795.00
061831	EMTS-330E4TP 480V3P 3kW	FS	003	A	$795.00
092072	EMTS-330E2 208V1P 3.0KW	FS	006	A	$889.00
092080	EMTS-330E2 208V3P 3.0KW	FS	006	A	$889.00
092099	EMTS-330E2 240V1P 3.0KW	FS	006	A	$889.00
092101	EMTS-330E2 240V3P 3.0KW	FS	006	A	$889.00
092110	EMTS-330E2 480V1P 3.0KW	FS	006	A	$889.00
092128	EMTS-330E2 480V3P 3.0KW	FS	006	A	$889.00
092136	EMTS-345 208V1P 4.5KW	FS	004	A	$738.00
092144	EMTS-345 208V3P 4.5KW	FS	004	A	$738.00
092152	EMTS-345 240V1P 4.5KW	FS	004	A	$738.00
092160	EMTS-345 240V3P 4.5KW	FS	004	A	$738.00
092179	EMTS-345 480V1P 4.5KW	FS	004	A	$738.00
092187	EMTS-345 480V3P 4.5KW	FS	004	A	$738.00
061840	EMTS-345E4TP 208V1P 4.5kW	FS	004	A	$878.00
061858	EMTS-345E4TP 208V3P 4.5kW	FS	004	A	$878.00
061866	EMTS-345E4TP 240V1P 4.5kW	FS	004	A	$878.00
061874	EMTS-345E4TP 240V3P 4.5kW	FS	004	A	$878.00
061882	EMTS-345E4TP 480V1P 4.5kW	FS	004	A	$878.00
061890	EMTS-345E4TP 480V3P 4.5kW	FS	004	A	$878.00
092195	EMTS-345E2 208V1P 4.5KW	FS	007	A	$972.00
092208	EMTS-345E2 208V3P 4.5KW	FS	007	A	$972.00
092216	EMTS-345E2 240V1P 4.5KW	FS	007	A	$972.00
092224	EMTS-345E2 240V3P 4.5KW	FS	007	A	$972.00
092232	EMTS-345E2 480V1P 4.5KW	FS	007	A	$972.00
092240	EMTS-345E2 480V3P 4.5KW	FS	007	A	$972.00
092259	EMTS-360 208V1P 6.0KW	FS	005	A	$856.00
092267	EMTS-360 208V3P 6.0KW	FS	005	A	$856.00
092275	EMTS-360 240V1P 6.0KW	FS	000	A	$856.00
092283	EMTS-360 240V3P 6.0KW	NS	005	A	$856.00
092291	EMTS-360 480V1P 6.0KW	FS	005	A	$856.00
092304	EMTS-360 480V3P 6.0KW	ST	005	A	$856.00
061903	EMTS-360E4TP 208V1P 6kW	FS	005	A	$996.00
061911	EMTS-360E4TP 208V3P 6kW	FS	005	A	$996.00
061920	EMTS-360E4TP 240V1P 6kW	FS	005	A	$996.00
061938	EMTS-360E4TP 240V3P 6kW	FS	005	A	$996.00
061946	EMTS-360E4TP 480V1P 6kW	FS	005	A	$996.00
061954	EMTS-360E4TP 480V3P 6kW	FS	005	A	$996.00
092312	EMTS-360E2 208V1P 6.0KW	FS	008	A	$1089.00
092320	EMTS-360E2 208V3P 6.0KW	FS	008	A	$1089.00
092339	EMTS-360E2 240V1P 6.0KW	FS	008	A	$1089.00
092347	EMTS-360E2 240V3P 6.0KW	FS	008	A	$1089.00
092355	EMTS-360E2 480V1P 6.0KW	FS	008	A	$1089.00
092363	EMTS-360E2 480V3P 6.0KW	FS	008	A	$1089.00
092371	EMTS-375 208V1P 7.5KW	FS	005	A	$900.00
092380	EMTS-375 208V3P 7.5KW	FS	005	A	$900.00
092398	EMTS-375 240V1P 7.5KW	FS	005	A	$900.00
092400	EMTS-375 240V3P 7.5KW	FS	005	A	$900.00
092419	EMTS-375 480V1P 7.5KW	FS	005	A	$900.00
092427	EMTS-375 480V3P 7.5KW	FS	005	A	$900.00
061962	EMTS-375E4TP 208V1P 7.5kW	FS	005	A	$1040.00
061970	EMTS-375E4TP 208V3P 7.5kW	FS	005	A	$1040.00
061989	EMTS-375E4TP 240V1P 7.5kW	FS	005	A	$1040.00
061997	EMTS-375E4TP 240V3P 7.5kW	FS	005	A	$1040.00
062009	EMTS-375E4TP 480V1P 7.5kW	FS	005	A	$1040.00
062017	EMTS-375E4TP 480V3P 7.5kW	FS	005	A	$1040.00
092435	EMTS-375E2 208V1P 7.5KW	FS	008	A	$1134.00
092443	EMTS-375E2 208V3P 7.5KW	FS	008	A	$1134.00
092451	EMTS-375E2 240V1P 7.5KW	FS	008	A	$1134.00
092460	EMTS-375E2 240V3P 7.5KW	FS	008	A	$1134.00
092478	EMTS-375E2 480V1P 7.5KW	FS	008	A	$1134.00
092486	EMTS-375E2 480V3P 7.5KW	FS	008	A	$1134.00
092494	EMTS-390 208V1P 9.0KW	FS	005	A	$1007.00
092507	EMTS-390 208V3P 9.0KW	FS	005	A	$1005.00
092515	EMTS-390 240V1P 9.0KW	FS	005	A	$1005.00
092523	EMTS-390 240V3P 9.0KW	FS	005	A	$1005.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
092531	EMTS-390 480V1P 9.0KW	FS	005	A	$1007.00
092540	EMTS-390 480V3P 9.0KW	ST	005	A	$1005.00
062025	EMTS-390E4TP 208V1P 9kW	FS	005	A	$1145.00
062033	EMTS-390E4TP 208V3P 9kW	FS	005	A	$1145.00
062041	EMTS-390E4TP 240V1P 9kW	FS	005	A	$1145.00
062050	EMTS-390E4TP 240V3P 9kW	FS	005	A	$1145.00
062068	EMTS-390E4TP 480V1P 9kW	FS	005	A	$1145.00
062076	EMTS-390E4TP 480V3P 9kW	FS	005	A	$1145.00
092558	EMTS-390E2 208V1P 9.0KW	FS	008	A	$1240.00
092566	EMTS-390E2 208V3P 9.0KW	FS	008	A	$1238.00
092574	EMTS-390E2 240V1P 9.0KW	FS	008	A	$1238.00
092582	EMTS-390E2 240V3P 9.0KW	FS	008	A	$1238.00
092590	EMTS-390E2 480V1P 9.0KW	FS	008	A	$1238.00
092603	EMTS-390E2 480V3P 9.0KW	FS	008	A	$1238.00
092611	EMTS-3120 208V1P 12KW	FS	006	A	$1166.00
092620	EMTS-3120 208V3P 12KW	FS	006	A	$1162.00
092638	EMTS-3120 240V1P 12KW	FS	006	A	$1166.00
092646	EMTS-3120 240V3P 12KW	FS	006	A	$1166.00
092654	EMTS-3120 480V1P 12KW	FS	006	A	$1166.00
092662	EMTS-3120 480V3P 12KW	FS	006	A	$1162.00
061612	EMTS-3120E4TP 208V1P 12kW	FS	005	A	$1302.00
061620	EMTS-3120E4TP 208V3P 12kW	FS	005	A	$1302.00
061639	EMTS-3120E4TP 240V1P 12kW	FS	005	A	$1302.00
061647	EMTS-3120E4TP 240V3P 12kW	FS	005	A	$1302.00
061655	EMTS-3120E4TP 480V1P 12kW	FS	005	A	$1302.00
061663	EMTS-3120E4TP 480V3P 12kW	FS	005	A	$1302.00
092670	EMTS-3120E2 208V1P 12KW	FS	009	A	$1399.00
092689	EMTS-3120E2 208V3P 12KW	FS	009	A	$1396.00
092697	EMTS-3120E2 240V1P 12KW	FS	009	A	$1396.00
092700	EMTS-3120E2 240V3P 12KW	FS	009	A	$1396.00
092718	EMTS-3120E2 480V1P 12KW	FS	009	A	$1396.00
092726	EMTS-3120E2 480V3P 12KW	FS	009	A	$1396.00
092734	EMTS-3150 208V1P 15KW	FS	008	A	$1331.00
092742	EMTS-3150 208V3P 15KW	FS	008	A	$1331.00
092750	EMTS-3150 240V1P 15KW	FS	008	A	$1329.00
092769	EMTS-3150 240V3P 15KW	FS	008	A	$1331.00
092777	EMTS-3150 480V1P 15KW	NS	008	A	$1329.00
092785	EMTS-3150 480V3P 15KW	FS	008	A	$1329.00
061671	EMTS-3150E4TP 208V1P 15kW	FS	008	A	$1469.00
061680	EMTS-3150E4TP 208V3P 15kW	FS	008	A	$1469.00
061398	EMTS-3150E4TP 240V1P 15kW	FS	008	A	$1469.00
061700	EMTS-3150E4TP 240V3P 15kW	FS	008	A	$1469.00
061719	EMTS-3150E4TP 480V1P 15kW	FS	008	A	$1469.00
061727	EMTS-3150E4TP 480V3P 15kW	FS	008	A	$1469.00
092793	EMTS-3150E2 208V1P 15KW	FS	011	A	$1564.00
092806	EMTS-3150E2 208V3P 15KW	FS	011	A	$1564.00
092814	EMTS-3150E2 240V1P 15KW	FS	011	A	$1564.00
092822	EMTS-3150E2 240V3P 15KW	FS	011	A	$1564.00
092830	EMTS-3150E2 480V1P 15KW	FS	011	A	$1564.00
092849	EMTS-3150E2 480V3P 15KW	FS	011	A	$1562.00
092857	EMTS-3180 208V1P 18KW	FS	008	A	$1488.00
092865	EMTS-3180 208V3P 18KW	FS	008	A	$1488.00
092873	EMTS-3180 240V1P 18KW	FS	008	A	$1488.00
092881	EMTS-3180 240V3P 18KW	FS	008	A	$1488.00
092890	EMTS-3180 480V1P 18KW	FS	008	A	$1488.00
092902	EMTS-3180 480V3P 18KW	FS	008	A	$1486.00
061735	EMTS-3180E4TP 208V1P 18kW	FS	008	A	$1626.00
061743	EMTS-3180E4TP 208V3P 18kW	FS	008	A	$1626.00
061751	EMTS-3180E4TP 240V1P 18kW	FS	008	A	$1626.00
061760	EMTS-3180E4TP 240V3P 18kW	FS	008	A	$1626.00
061778	EMTS-3180E4TP 480V1P 18kW	FS	008	A	$1626.00
061786	EMTS-3180E4TP 480V3P 18kW	FS	008	A	$1626.00
092910	EMTS-3180E2 208V1P 18KW	FS	011	A	$1722.00
092929	EMTS-3180E2 208V3P 18KW	FS	011	A	$1722.00
092937	EMTS-3180E2 240V1P 18KW	FS	011	A	$1722.00
092945	EMTS-3180E2 240V3P 18KW	FS	011	A	$1722.00
092953	EMTS-3180E2 480V1P 18KW	FS	011	A	$1720.00
092961	EMTS-3180E2 480V3P 18KW	FS	011	A	$1720.00
031851	AREMTS-3305T1 240V3P 3KW	FS	000	A	$1122.00
031860	AREMTS-3305T1 480V3P 3KW	FS	000	A	$1122.00
031878	AREMTS-3605T1 240V3P 6KW	FS	000	A	$1322.00
031886	AREMTS-3605T1 480V3P 6KW	FS	000	A	$1322.00
031894	AREMTS-3905T1 240V3P 9KW	FS	000	A	$1474.00
031907	AREMTS-3905T1 480V3P 9KW	FS	000	A	$1471.00
031915	AREMTS-31205T1 240V3P 12KW	FS	000	A	$1632.00
031923	AREMTS-31205T1 480V3P 12KW	FS	000	A	$1632.00
031931	AREMTS-31505T1 240V3P 15KW	FS	000	A	$1797.00
031940	AREMTS-31505T1 480V3P 15KW	FS	000	A	$1797.00
031958	AREMTS-31805T1 240V3P 18KW	FS	000	A	$1955.00
031966	AREMTS-31805T1 480V3P 18KW	FS	000	A	$1955.00
032096	AREMTS-3305E2T1 240V3P 3KW	FS	000	A	$1355.00
032109	AREMTS-3305E2T1 480V3P 3KW	FS	000	A	$1355.00
032117	AREMTS-3605E2T1 240V3P 6KW	FS	000	A	$1556.00
032125	AREMTS-3605E2T1 480V3P 6KW	FS	000	A	$1556.00
032133	AREMTS-3905E2T1 240V3P 9KW	FS	000	A	$1707.00
032141	AREMTS-3905E2T1 480V3P 9KW	FS	000	A	$1705.00
032150	AREMTS-31205E2T1 240V3P 12KW	FS	000	A	$1866.00
032168	AREMTS-31205E2T1 480V3P 12KW	FS	000	A	$1862.00
032176	AREMTS-31505E2T1 240V3P 15KW	FS	000	A	$2031.00
032184	AREMTS-31505E2T1 480V3P 15KW	FS	000	A	$2029.00
032192	AREMTS-31805E2T1 240V3P 18KW	FS	000	A	$2188.00
032205	AREMTS-31805E2T1 480V3P 18KW	FS	000	A	$2186.00
097631	AREMTS-3305T2 240V3P 3KW	FS	006	A	$1122.00
097640	AREMTS-3305T2 480V3P 3KW	FS	006	A	$1122.00
097650	AREMTS-3605T2 240V3P 6KW	FS	007	A	$1322.00
097666	AREMTS-3605T2 480V3P 6KW	FS	007	A	$1322.00
097674	AREMTS-3905T2 240V3P 9KW	FS	007	A	$1471.00
097682	AREMTS-3905T2 480V3P 9KW	FS	007	A	$1471.00
097690	AREMTS-31205T2 240V3P 12KW	FS	008	A	$1632.00
097703	AREMTS-31205T2 480V3P 12KW	FS	008	A	$1629.00
097711	AREMTS-31505T2 240V3P 15KW	FS	009	A	$1797.00
097720	AREMTS-31505T2 480V3P 15KW	FS	009	A	$1797.00
097738	AREMTS-31805T2 240V3P 18KW	FS	010	A	$1955.00
097746	AREMTS-31805T2 480V3P 18KW	FS	010	A	$1953.00
031974	AREMTS-3305E2T2 240V3P 3KW	FS	000	A	$1355.00
031982	AREMTS-3305E2T2 480V3P 3KW	FS	000	A	$1355.00
031990	AREMTS-3605E2T2 240V3P 6KW	FS	000	A	$1556.00
032002	AREMTS-3605E2T2 480V3P 6KW	FS	000	A	$1556.00
032010	AREMTS-3905E2T2 240V3P 9KW	FS	000	A	$1705.00
032029	AREMTS-3905E2T2 480V3P 9KW	FS	000	A	$1705.00
032037	AREMTS-31205E2T2 240V3P 12KW	FS	000	A	$1862.00
032045	AREMTS-31205E2T2 480V3P 12KW	FS	000	A	$1866.00
032053	AREMTS-31505E2T2 240V3P 15KW	FS	000	A	$2031.00
032061	AREMTS-31505E2T2 480V3P 15KW	FS	000	A	$2029.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
032070	AREMTS-31805E2T2 240V3P 18KW	FS	000	A	$2186.00
032088	AREMTS-31805E2T2 480V3P 18KW	FS	000	A	$2186.00

For E4 (moisture resistant) enclosure option see special features section.

EMTSS IMMERSION HEATERS 480

2 INCH 316 STAINLESS STEEL, HIGH WATT DENSITY

097754	EMTSS-390 240V3P 9KW	FS	005	A	$965.00
097762	EMTSS-390 480V3P 9KW	FS	005	A	$965.00
097770	EMTSS-3120 240V3P 12KW	FS	006	A	$1245.00
097789	EMTSS-3120 480V3P 12KW	FS	006	A	$1245.00
097797	EMTSS-3150 240V3P 15KW	FS	007	A	$1571.00
097800	EMTSS-3150 480V3P 15KW	FS	007	A	$1571.00
097818	AREMTSS-3905T2 240V3P 9KW	FS	009	A	$1224.00
097826	AREMTSS-3905T2 480V3P 9KW	FS	007	A	$1224.00
097834	AREMTSS-31205T2 240V3P 12KW	FS	008	A	$1480.00
097842	AREMTSS-31205T2 480V3P 12KW	FS	008	A	$1480.00
097850	AREMTSS-31505T2 240V3P 15KW	FS	009	A	$1737.00
097869	AREMTSS-31505T2 480V3P 15KW	FS	009	A	$1737.00

EMTI, AREMTI SCREWPLUG 480

2 INCH INCOLOY, HIGH WATT DENSITY

097877	EMTI-330 240V3P 3KW	FS	004	A	$750.00
097885	EMTI-330 480V3P 3KW	FS	004	A	$750.00
097893	EMTI-360 240V3P 6KW	FS	005	A	$955.00
097906	EMTI-360 480V3P 6KW	FS	005	A	$955.00
097914	EMTI-390 240V3P 9KW	FS	005	A	$1103.00
097922	EMTI-390 480V3P 9KW	FS	005	A	$1100.00
097930	EMTI-3120 240V3P 12KW	FS	006	A	$1259.00
097949	EMTI-3120 480V3P 12KW	FS	006	A	$1256.00
097957	EMTI-3150 240V3P 15KW	FS	007	A	$1423.00
097965	EMTI-3150 480V3P 15KW	FS	007	A	$1421.00
097973	EMTI-3180 240V3P 18KW	FS	008	A	$1576.00
097981	EMTI-3180 480V3P 18KW	FS	008	A	$1576.00
061030	EMTI-330E4TP 240V3P 3kW	FS	008	A	$890.00
061049	EMTI-330E4TP 480V3P 3kW	FS	008	A	$890.00
061057	EMTI-360E4TP 240V3P 6kW	FS	008	A	$1095.00
061065	EMTI-360E4TP 480V3P 6kW	FS	008	A	$1095.00
061073	EMTI-390E4TP 240V3P 9kW	FS	008	A	$1240.00
061081	EMTI-390E4TP 480V3P 9kW	FS	008	A	$1240.00
060978	EMTI-3120E4TP 240V3P 12kW	FS	008	A	$1396.00
060986	EMTI-3120E4TP 480V3P 12kW	FS	008	A	$1396.00
060994	EMTI-3150E4TP 240V3P 15kW	FS	008	A	$1561.00
061006	EMTI-3150E4TP 480V3P 15kW	FS	008	A	$1561.00
061014	EMTI-3180E4TP 240V3P 18kW	FS	008	A	$1716.00
061022	EMTI-3180E4TP 480V3P 18kW	FS	008	A	$1716.00
032571	EMTI-330E2 240V3P 3KW	FS	000	A	$983.00
032580	EMTI-330E2 480V3P 3KW	FS	000	A	$983.00
032598	EMTI-360E2 240V3P 6KW	FS	000	A	$1188.00
032600	EMTI-360E2 480V3P 6KW	FS	000	A	$1188.00
032619	EMTI-390E2 240V3P 9KW	FS	000	A	$1336.00
032627	EMTI-390E2 480V3P 9KW	FS	000	A	$1334.00
032635	EMTI-3120E2 240V3P 12KW	FS	000	A	$1489.00
032643	EMTI-3120E2 480V3P 12KW	FS	000	A	$1489.00
032651	EMTI-3150E2 240V3P 15KW	FS	000	A	$1657.00
032660	EMTI-3150E2 480V3P 15KW	FS	000	A	$1654.00
032678	EMTI-3180E2 240V3P 18KW	FS	000	A	$1812.00
032686	EMTI-3180E2 480V3P 18KW	FS	000	A	$1810.00
032213	AREMTI-3305T1 240V3P 3KW	FS	000	A	$1217.00
032221	AREMTI-3305T1 480V3P 3KW	FS	000	A	$1217.00
032230	AREMTI-3605T1 240V3P 6KW	FS	000	A	$1422.00
032248	AREMTI-3605T1 480V3P 6KW	FS	000	A	$1422.00
032256	AREMTI-3905T1 240V3P 9KW	FS	000	A	$1570.00
032264	AREMTI-3905T1 480V3P 9KW	FS	000	A	$1567.00
032272	AREMTI-31205T1 240V3P 12KW	FS	000	A	$1722.00
032280	AREMTI-31205T1 480V3P 12KW	FS	000	A	$1722.00
032299	AREMTI-31505T1 240V3P 15KW	FS	000	A	$1888.00
032301	AREMTI-31505T1 480V3P 15KW	FS	000	A	$1888.00
032310	AREMTI-31805T1 240V3P 18KW	FS	000	A	$2045.00
032328	AREMTI-31805T1 480V3P 18KW	FS	000	A	$2043.00
032459	AREMTI-3305E2T1 240V3P 3KW	FS	000	A	$1450.00
032467	AREMTI-3305E2T1 480V3P 3KW	FS	000	A	$1450.00
032475	AREMTI-3605E2T1 240V3P 6KW	FS	000	A	$1655.00
032483	AREMTI-3605E2T1 480V3P 6KW	FS	000	A	$1655.00
032491	AREMTI-3905E2T1 240V3P 9KW	FS	000	A	$1803.00
032504	AREMTI-3905E2T1 480V3P 9KW	FS	000	A	$1800.00
032512	AREMTI-31205E2T1 240V3P 12KW	FS	000	A	$1956.00
032520	AREMTI-31205E2T1 480V3P 12KW	FS	000	A	$1956.00
032539	AREMTI-31505E2T1 240V3P 15KW	FS	000	A	$2123.00
032547	AREMTI-31505E2T1 480V3P 15KW	FS	000	A	$2121.00
032555	AREMTI-31805E2T1 240V3P 18KW	FS	000	A	$2279.00
032563	AREMTI-31805E2T1 480V3P 18KW	FS	000	A	$2276.00
097990	AREMTI-3305T2 240V3P 3KW	FS	006	A	$1217.00
098001	AREMTI-3305T2 480V3P 3KW	FS	006	A	$1217.00
099160	AREMTI-3605T2 240V3P 6KW	FS	007	A	$1422.00
099178	AREMTI-3605T2 480V3P 6KW	FS	007	A	$1422.00
099186	AREMTI-3905T2 240V3P 9KW	FS	007	A	$1567.00
099194	AREMTI-3905T2 480V3P 9KW	FS	007	A	$1567.00
099207	AREMTI-31205T2 240V3P 12KW	FS	008	A	$1726.00
099215	AREMTI-31205T2 480V3P 12KW	FS	008	A	$1722.00
099223	AREMTI-31505T2 240V3P 15KW	FS	009	A	$1888.00
099231	AREMTI-31505T2 480V3P 15KW	FS	009	A	$1888.00
099240	AREMTI-31805T2 240V3P 18KW	FS	010	A	$2043.00
099258	AREMTI-31805T2 480V3P 18KW	FS	011	A	$2043.00
032336	AREMTI-3305E2T2 240V3P 3KW	FS	000	A	$1450.00
032344	AREMTI-3305E2T2 480V3P 3KW	FS	000	A	$1450.00
032352	AREMTI-3605E2T2 240V3P 6KW	FS	000	A	$1655.00
032360	AREMTI-3605E2T2 480V3P 6KW	FS	000	A	$1655.00
032379	AREMTI-3905E2T2 240V3P 9KW	FS	000	A	$1800.00
032387	AREMTI-3905E2T2 480V3P 9KW	FS	000	A	$1800.00
032395	AREMTI-31205E2T2 240V3P 12KW	FS	000	A	$1956.00
032408	AREMTI-31205E2T2 480V3P 12KW	FS	000	A	$1956.00
032416	AREMTI-31505E2T2 240V3P 15KW	FS	000	A	$2121.00
032424	AREMTI-31505E2T2 480V3P 15KW	FS	000	A	$2121.00
032432	AREMTI-31805E2T2 240V3P 18KW	FS	000	A	$2279.00
032440	AREMTI-31805E2T2 480V3P 18KW	FS	000	A	$2276.00

MTS IMMERSION HEATERS 446

2 INCH STAINLESS

139942	MTS-215A 120V1P 1.5KW	FS	003	A	$575.00
289502	MTS-215E2 120V1P 1.5KW	FS	006	A	$808.00
186503	MTS-215A 208V1P 1.5KW	FS	003	A	$576.00
139950	MTS-215A 240V1P 1.5KW	FS	003	A	$575.00
289510	MTS-215E2 240V1P 1.5KW	FS	006	A	$808.00
186511	MTS-215E2 208V1P 1.5KW	FS	006	A	$809.00
186520	MTS-215E2 480V1P 1.5KW	FS	006	A	$808.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
139969	MTS-215A 480V1P 1.5KW	FS	003	A	$575.00
063378	MTS-215E4TP 120V1P 1.5kW	FS	006	A	$715.00
063386	MTS-215E4TP 240V1P 1.5kW	FS	006	A	$715.00
063394	MTS-215E4TP 480V1P 1.5kW	FS	006	A	$715.00
063407	MTS-215E4TP 208V1P 1.5kW	FS	006	A	$715.00
139977	MTS-220A 120V1P 2.0KW	FS	004	A	$615.00
186546	MTS-220A 208V1P 2.0KW	FS	004	A	$615.00
139985	MTS-220A 240V1P 2.0KW	FS	004	A	$615.00
186538	MTS-220E2 120V1P 2.0KW	FS	007	A	$849.00
186554	MTS-220E2 208V1P 2.0KW	NS	007		$849.00
289529	MTS-220E2 240V1P 2.0KW	FS	007	A	$849.00
186562	MTS-220E2 480V1P 2.0KW	FS	007	A	$849.00
139993	MTS-220A 480V1P 2.0KW	FS	004	A	$615.00
063458	MTS-220E4TP 120V1P 2kW	FS	007	A	$755.00
063466	MTS-220E4TP 240V1P 2kW	FS	007	A	$755.00
063474	MTS-220E4TP 480V1P 2kW	FS	007	A	$755.00
063482	MTS-220E4TP 208V1P 2kW	FS	007	A	$755.00
190019	MTS-220-3A 120V1P 2.0KW	FS	004	A	$600.00
289537	MTS-220-3E2 120V1P 2.0KW	FS	007	A	$833.00
186570	MTS-220-3A 208V1P 2.0KW	FS	004	A	$600.00
190027	MTS-220-3A 240V1P 2.0KW	FS	004	A	$600.00
186589	MTS-220-3E2 208V1P 2.0KW	FS	007	A	$833.00
289545	MTS-220-3E2 240V1P 2.0KW	FS	007	A	$833.00
190035	MTS-220-3A 480V1P 2.0KW	FS	004	A	$600.00
289553	MTS-220-3E2 480V1P 2.0KW	FS	007	A	$833.00
063415	MTS-220-3E4TP 208V1P 2kW	FS	007	A	$740.00
063423	MTS-220-3E4TP 120V1P 2kW	FS	007	A	$740.00
063431	MTS-220-3E4TP 240V1P 2kW	FS	007	A	$740.00
063440	MTS-220-3E4TP 480V1P 2kW	FS	007	A	$740.00
190043	MTS-225A 120V1P 2.5KW	FS	004	A	$622.00
186597	MTS-225E2 120V1P 2.5KW	FS	007	A	$855.00
190051	MTS-225A 240V1P 2.5KW	FS	004	A	$622.00
289561	MTS-225E2 240V1P 2.5KW	FS	007	A	$855.00
190060	MTS-225A 480V1P 2.5KW	FS	004	A	$622.00
289570	MTS-225E2 480V1P 2.5KW	FS	007	A	$855.00
063490	MTS-225E4TP 120V1P 2.5kW	FS	007	A	$762.00
063503	MTS-225E4TP 240V1P 2.5kW	FS	007	A	$762.00
063511	MTS-225E4TP 480V1P 2.5kW	FS	007	A	$762.00
190078	MTS-230A 120V1P 3.0KW	FS	005	A	$655.00
186618	MTS-230A 208V1P 3.0KW	FS	005	A	$655.00
190086	MTS-230A 240V1P 3.0KW	ST	005	A	$655.00
190094	MTS-230A 480V1P 3.0KW	FS	005	A	$655.00
186600	MTS-230E2 120V1P 3.0KW	FS	008	A	$888.00
186626	MTS-230E2 208V1P 3.0KW	FS	008	A	$888.00
289588	MTS-230E2 240V1P 3.0KW	FS	008	A	$888.00
289596	MTS-230E2 480V1P 3.0KW	FS	008	A	$888.00
063520	MTS-230E4TP 208V1P 3kW	FS	008	A	$795.00
063538	MTS-230E4TP 120V1P 3kW	FS	008	A	$795.00
063546	MTS-230E4TP 240V1P 3kW	FS	008	A	$795.00
063554	MTS-230E4TP 480V1P 3kW	FS	008	A	$795.00
190107	MTS-240A 120V1P 4.0KW	FS	005	A	$733.00
186642	MTS-240A 208V1P 4.0KW	FS	005	A	$733.00
186634	MTS-240E2 120V1P 4.0KW	FS	008	A	$967.00
186650	MTS-240E2 208V1P 4.0KW	FS	008	A	$967.00
289609	MTS-240E2 240V1P 4.0KW	FS	008	A	$967.00
190115	MTS-240A 240V1P 4.0KW	FS	005	A	$733.00
289617	MTS-240E2 480V1P 4.0KW	FS	008	A	$967.00

PCN	DESCRIPTION	SS	WT	D	PRICE
190123	MTS-240A 480V1P 4.0KW	FS	005	A	$733.00
063562	MTS-240E4TP 208V1P 4kW	FS	008	A	$873.00
063570	MTS-240E4TP 120V1P 4kW	FS	008	A	$873.00
063589	MTS-240E4TP 240V1P 4kW	FS	008	A	$873.00
063597	MTS-240E4TP 480V1P 4kW	FS	008	A	$873.00
190131	MTS-250A 120V1P 5.0KW	FS	005	A	$760.00
186677	MTS-250A 208V1P 5.0KW	FS	005	A	$760.00
190140	MTS-250A 240V1P 5.0KW	FS	005	A	$760.00
190158	MTS-250A 480V1P 5.0KW	FS	005	A	$760.00
186669	MTS-250E2 120V1P 5.0KW	FS	008	A	$994.00
186685	MTS-250E2 208V1P 5.0KW	NS	008	A	$994.00
289625	MTS-250E2 240V1P 5.0KW	FS	008	A	$994.00
289633	MTS-250E2 480V1P 5.0KW	FS	008	A	$994.00
063600	MTS-250E4TP 208V1P 5kW	FS	008	A	$900.00
063618	MTS-250E4TP 120V1P 5kW	FS	008	A	$900.00
063626	MTS-250E4TP 240V1P 5kW	FS	008	A	$900.00
063634	MTS-250E4TP 480V1P 5kW	FS	008	A	$900.00
186693	MTS-260A 208V1P 6.0KW	FS	005	A	$833.00
190166	MTS-260A 240V1P 6.0KW	FS	005	A	$833.00
186706	MTS-260E2 208V1P 6.0KW	FS	008	A	$1066.00
289641	MTS-260E2 240V1P 6.0KW	FS	008	A	$1066.00
190174	MTS-260A 480V1P 6.0KW	FS	005	A	$833.00
289650	MTS-260E2 480V1P 6.0KW	FS	008	A	$1066.00
063642	MTS-260E4TP 208V1P 6kW	FS	008	A	$973.00
063650	MTS-260E4TP 240V1P 6kW	FS	008	A	$973.00
063669	MTS-260E4TP 480V1P 6kW	FS	008	A	$973.00
190182	MTS-270A 240V1P 7.0KW	FS	006	A	$877.00
289676	MTS-270E2 240V1P 7.0KW	FS	009	A	$1110.00
190190	MTS-270A 480V1P 7.0KW	FS	006	A	$877.00
289684	MTS-270E2 480V1P 7.0KW	FS	009	A	$1110.00
063677	MTS-270E4TP 240V1P 7kW	FS	009	A	$1017.00
063685	MTS-270E4TP 480V1P 7kW	FS	009	A	$1017.00
186714	MTS-2100A 208V1P 10.0KW	FS	008	A	$1049.00
190203	MTS-2100A 240V1P 10.0KW	FS	008	A	$1049.00
186722	MTS-2100E2 208V1P 10.0KW	NS	011	A	$1282.00
289692	MTS-2100E2 240V1P 10.0KW	FS	011	A	$1282.00
190211	MTS-2100A 480V1P 10.0KW	FS	008	A	$1049.00
289705	MTS-2100E2 480V1P 10.0KW	FS	011	A	$1282.00
063298	MTS-2100E4TP 208V1P 10kW	FS	011	A	$1189.00
063300	MTS-2100E4TP 240V1P 10kW	FS	011	A	$1189.00
063319	MTS-2100E4TP 480V1P 10kW	FS	011	A	$1189.00
186730	MTS-2120A 208V1P 12.0KW	FS	008	A	$1159.00
190220	MTS-2120A 240V1P 12.0KW	FS	008	A	$1159.00
190238	MTS-2120A 480V1P 12.0KW	FS	008	A	$1159.00
289713	MTS-2120E2 240V1P 12.0KW	FS	011	A	$1393.00
186749	MTS-2120E2 208V1P 12.0KW	NS	011	A	$1397.00
289721	MTS-2120E2 480V1P 12.0KW	FS	011	A	$1393.00
063327	MTS-2120E4TP 208V1P 12kW	FS	011	A	$1300.00
063335	MTS-2120E4TP 240V1P 12kW	FS	011	A	$1300.00
063343	MTS-2120E4TP 480V1P 12kW	FS	011	A	$1300.00
190246	MTS-2150 240V1P 15.0KW	FS	008	A	$1257.00
190254	MTS-2150 480V1P 15.0KW	FS	008	A	$1257.00
289730	MTS-2150E2 240V1P 15.0KW	FS	011	A	$1491.00
289748	MTS-2150E2 480V1P 15.0KW	FS	011	A	$1491.00
063351	MTS-2150E4TP 240V1P 15kW	FS	011	A	$1397.00
063360	MTS-2150E4TP 480V1P 15kW	FS	011	A	$1397.00

For E4 (moisture resistant) enclosure option see special features section.

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PCN	DESCRIPTION	SS	WT	D	PRICE
	MTI IMMERSION HEATERS 445				
	2 INCH INCOLOY				
190262	MTI-215A 120V1P 1.5KW	FS	003	A	$665.00
185420	MTI-215E2 120V1P 1.5KW	FS	006	A	$899.00
190270	MTI-215A 240V1P 1.5KW	FS	003	A	$665.00
185439	MTI-215E2 240V1P 1.5KW	FS	006	A	$900.00
190289	MTI-215A 480V1P 1.5KW	FS	003	A	$665.00
185447	MTI-215E2 480V1P 1.5KW	FS	006	A	$899.00
062551	MTI-215E4TP 120V1P 1.5kW	FS	006	A	$805.00
062560	MTI-215E4TP 240V1P 1.5kW	FS	006	A	$805.00
062578	MTI-215E4TP 480V1P 1.5kW	FS	006	A	$805.00
190297	MTI-220A 120V1P 2.0KW	FS	004	A	$708.00
190300	MTI-220A 240V1P 2.0KW	FS	004	A	$708.00
190318	MTI-220A 480V1P 2.0KW	FS	004	A	$708.00
185455	MTI-220E2 120V1P 2.0KW	FS	007	A	$941.00
185463	MTI-220E2 240V1P 2.0KW	FS	007	A	$941.00
185471	MTI-220E2 480V1P 2.0KW	FS	007	A	$941.00
062615	MTI-220E4TP 120V1P 2kW	FS	007	A	$848.00
062623	MTI-220E4TP 240V1P 2kW	FS	007	A	$848.00
062631	MTI-220E4TP 480V1P 2kW	FS	007	A	$848.00
190326	MTI-220-3A 120V1P 2.0KW	FS	004	A	$692.00
190334	MTI-220-3A 240V1P 2.0KW	FS	004	A	$689.00
190342	MTI-220-3A 480V1P 2.0KW	FS	004	A	$689.00
185480	MTI-220-3E2 120V1P 2.0KW	FS	007	A	$925.00
185498	MTI-220-3E2 240V1P 2.0KW	FS	007	A	$1058.00
185500	MTI-220-3E2 480V1P 2.0KW	FS	007	A	$1058.00
062586	MTI-220-3E4TP 120V1P 2kW	FS	007	A	$829.00
062594	MTI-220-3E4TP 240V1P 2kW	FS	007	A	$829.00
062607	MTI-220-3E4TP 480V1P 2kW	FS	007	A	$829.00
190350	MTI-225A 120V1P 2.5KW	FS	004	A	$707.00
190369	MTI-225A 240V1P 2.5KW	FS	004	A	$707.00
190377	MTI-225A 480V1P 2.5KW	FS	004	A	$707.00
185519	MTI-225E2 120V1P 2.5KW	FS	007	A	$940.00
185527	MTI-225E2 240V1P 2.5KW	FS	007	A	$940.00
185535	MTI-225E2 480V1P 2.5KW	FS	007	A	$940.00
062640	MTI-225E4TP 120V1P 2.5kW	FS	007	A	$847.00
062658	MTI-225E4TP 240V1P 2.5kW	FS	007	A	$847.00
062666	MTI-225E4TP 480V1P 2.5kW	FS	007	A	$847.00
190385	MTI-230A 120V1P 3.0KW	FS	005	A	$744.00
190393	MTI-230A 240V1P 3.0KW	FS	005	A	$744.00
190406	MTI-230A 480V1P 3.0KW	FS	005	A	$744.00
185543	MTI-230E2 120V1P 3.0KW	FS	008	A	$977.00
185551	MTI-230E2 240V1P 3.0KW	FS	008	A	$977.00
185560	MTI-230E2 480V1P 3.0KW	FS	008	A	$977.00
062674	MTI-230E4TP 120V1P 3kW	FS	008	A	$884.00
062682	MTI-230E4TP 240V1P 3kW	FS	008	A	$884.00
062690	MTI-230E4TP 480V1P 3kW	FS	008	A	$884.00
190414	MTI-240A 120V1P 4.0KW	FS	005	A	$829.00
190422	MTI-240A 240V1P 4.0KW	FS	005	A	$829.00
190430	MTI-240A 480V1P 4.0KW	FS	005	A	$829.00
185578	MTI-240E2 120V1P 4.0KW	FS	008	A	$1062.00
185586	MTI-240E2 240V1P 4.0KW	FS	008	A	$1062.00
185594	MTI-240E2 480V1P 4.0KW	FS	008	A	$1062.00
062703	MTI-240E4TP 120V1P 4kW	FS	008	A	$969.00
062711	MTI-240E4TP 240V1P 4kW	FS	008	A	$969.00
062720	MTI-240E4TP 480V1P 4kW	FS	008	A	$969.00
190449	MTI-250A 120V1P 5.0KW	FS	005	A	$854.00
190457	MTI-250A 240V1P 5.0KW	FS	005	A	$854.00
190465	MTI-250A 480V1P 5.0KW	FS	005	A	$854.00
185607	MTI-250E2 120V1P 5.0KW	FS	008	A	$1088.00
185615	MTI-250E2 240V1P 5.0KW	FS	008	A	$1088.00
185623	MTI-250E2 480V1P 5.0KW	FS	008	A	$1088.00
062738	MTI-250E4TP 120V1P 5kW	FS	008	A	$994.00
062746	MTI-250E4TP 240V1P 5kW	FS	008	A	$994.00
062754	MTI-250E4TP 480V1P 5kW	FS	008	A	$994.00
190473	MTI-260A 240V1P 6.0KW	FS	005	A	$926.00
190481	MTI-260A 480V1P 6.0KW	FS	005	A	$926.00
185631	MTI-260E2 240V1P 6.0KW	FS	008	A	$1159.00
185640	MTI-260E2 480V1P 6.0KW	FS	008	A	$1159.00
062762	MTI-260E4TP 240V1P 6kW	FS	008	A	$1066.00
062770	MTI-260E4TP 480V1P 6kW	FS	008	A	$1066.00
190490	MTI-270A 240V1P 7.0KW	FS	006	A	$968.00
190502	MTI-270A 480V1P 7.0KW	FS	006	A	$968.00
185658	MTI-270E2 240V1P 7.0KW	FS	009	A	$1201.00
185666	MTI-270E2 480V1P 7.0KW	FS	009	A	$1201.00
062789	MTI-270E4TP 240V1P 7kW	FS	009	A	$1108.00
062797	MTI-270E4TP 480V1P 7kW	FS	009	A	$1108.00
190510	MTI-2100A 240V1P 10.0KW	FS	008	A	$1140.00
190529	MTI-2100A 480V1P 10.0KW	FS	008	A	$1140.00
185674	MTI-2100E2 240V1P 10.0KW	FS	011	A	$1373.00
185682	MTI-2100E2 480V1P 10.0KW	FS	011	A	$1373.00
062498	MTI-2100E4TP 240V1P 10kW	FS	011	A	$1280.00
062500	MTI-2100E4TP 480V1P 10kW	FS	011	A	$1280.00
190537	MTI-2120A 240V1P 12.0KW	FS	008	A	$1245.00
190545	MTI-2120A 480V1P 12.0KW	FS	008	A	$1243.00
185690	MTI-2120E2 240V1P 12.0KW	FS	011	A	$1478.00
185703	MTI-2120E2 480V1P 12.0KW	FS	011	A	$1476.00
062519	MTI-2120E4TP 480V1P 12kW	FS	011	A	$1383.00
062527	MTI-2120E4TP 240V1P 12kW	FS	011	A	$1383.00
190553	MTI-2150A 240V1P 15.0KW	FS	011	A	$1330.00
190561	MTI-2150A 480V1P 15.0KW	FS	008	A	$1329.00
185711	MTI-2150E2 240V1P 15.0KW	FS	011	A	$1562.00
185720	MTI-2150E2 480V1P 15.0KW	FS	011	A	$1562.00
062535	MTI-2150E4TP 480V1P 15kW	FS	011	A	$1469.00
062543	MTI-2150E4TP 240V1P 15kW	FS	011	A	$1469.00
	ARMT IMMERSION HEATERS 447				
	2 INCH COPPER WITH THERMO				
270035	ARMT-2155T2 120V1P 1500W	FS	005	A	$722.00
284787	ARMT-2155E2T2 120V1P 1500W	FS	006	A	$955.00
284760	ARMT-2155T1 120V1P 1500W	FS	006	A	$722.00
284779	ARMT-2155E2T1 120V1P 1500W	FS	006	A	$955.00
323264	ARMT-2155T2 208V1P 1500W	FS	005	A	$743.00
323272	ARMT-2155T1 208V1P 1500W	NS	005	A	$743.00
323280	ARMT-2155E2T2 208V1P 1500W	NS	010	A	$955.00
323299	ARMT-2155E2T1 208V1P 1500W	FS	010	A	$955.00
270043	ARMT-2155T2 240V1P 1500W	FS	005	A	$722.00
284816	ARMT-2155E2T2 240V1P 1500W	FS	006	A	$955.00
284795	ARMT-2155T1 240V1P 1500W	FS	006	A	$722.00
284808	ARMT-2155E2T1 240V1P 1500W	FS	006	A	$955.00
270060	ARMT-2205-3T2 120V1P 2000W	FS	005	A	$717.00
284832	ARMT-2205-3E2T2 120V1P 2000W	FS	011	A	$950.00
284824	ARMT-2205-3T1 120V1P 2000W	FS	005	A	$717.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
274773	ARMT-2205-3E2T1 120V1P 2000W	FS	011	A	$950.00
323301	ARMT-2205-3T2 208V1P 2000W	FS	005	A	$717.00
323328	ARMT-2205-3E2T2 208V1P 2000W	FS	011	A	$950.00
323310	ARMT-2205-3T1 208V1P 2000W	NS	005	A	$717.00
323336	ARMT-22053E2T1 208V1P 2000W	FS	011	A	$950.00
270078	ARMT-2205-3T2 240V1P 2000W	FS	005	A	$717.00
284867	ARMT-2205-3E2T2 240V1P 2000W	FS	005	A	$950.00
284840	ARMT-2205-3T1 240V1P 2000W	FS	005	A	$717.00
284859	ARMT-22053E2T1 240V1P 2000W	FS	005	A	$950.00
284883	ARMT-2205-3T2 480V1P 2000W	FS	005	A	$717.00
284904	ARMT-2205-3E2T2 480V1P 2000W	FS	005	A	$950.00
284875	ARMT-2205-3T1 480V1P 2000W	FS	005	A	$717.00
284891	ARMT-22053E2T1 480V1P 2000W	FS	005	A	$950.00
323344	ARMT-2255T2 208V1P 2500W	FS	006	A	$743.00
323360	ARMT-2255E2T2 208V1P 2500W	FS	012	A	$976.00
323352	ARMT-2255T1 208V1P 2500W	FS	006	A	$743.00
323379	ARMT-2255E2T1 208V1P 2500W	FS	012	A	$976.00
270107	ARMT-2255T2 240V1P 2500W	FS	006	A	$743.00
284939	ARMT-2255E2T2 240V1P 2500W	FS	006	A	$976.00
284912	ARMT-2255T1 240V1P 2500W	FS	006	A	$743.00
284920	ARMT-2255E2T1 240V1P 2500W	FS	006	A	$976.00
284955	ARMT-2255T2 480V1P 2500W	FS	006	A	$743.00
284971	ARMT-2255E2T2 480V1P 2500W	FS	006	A	$976.00
284947	ARMT-2255T1 480V1P 2500W	FS	006	A	$743.00
284963	ARMT-2255E2T1 480V1P 2500W	FS	006	A	$976.00
270123	ARMT-2305T2 120V1P 3000W	FS	006	A	$775.00
285018	ARMT-2305E2T2 120V1P 3000W	FS	006	A	$1009.00
284980	ARMT-2305T1 120V1P 3000W	FS	006	A	$775.00
284998	ARMT-2305E2T1 120V1P 3000W	FS	006	A	$1009.00
323387	ARMT-2305T2 208V1P 3000W	FS	006	A	$775.00
323408	ARMT-2305E2T2 208V1P 3000W	FS	012	A	$1009.00
323395	ARMT-2305T1 208V1P 3000W	FS	006	A	$775.00
323416	ARMT-2305E2T1 208V1P 3000W	FS	012	A	$1009.00
270131	ARMT-2305T2 240V1P 3000W	FS	006	A	$775.00
274781	ARMT-2305E2T2 240V1P 3000W	FS	012	A	$1009.00
285000	ARMT-2305T1 240V1P 3000W	FS	006	A	$775.00
274802	ARMT-2305E2T1 240V1P 3000W	FS	012	A	$1009.00
285034	ARMT-2305T2 480V1P 3000W	FS	007	A	$775.00
274790	ARMT-2305E2T2 480V1P 3000W	FS	012	A	$1009.00
285026	ARMT-2305T1 480V1P 3000W	FS	007	A	$775.00
285042	ARMT-2305E2T1 480V1P 3000W	FS	007	A	$1009.00
323424	ARMT-2405T2 208V1P 4000W	FS	007	A	$848.00
323440	ARMT-2405E2T2 208V1P 4000W	FS	013	A	$1081.00
323432	ARMT-2405T1 208V1P 4000W	FS	007	A	$848.00
323459	ARMT-2405E2T1 208V1P 4000W	FS	013	A	$1081.00
270166	ARMT-2405T2 240V1P 4000W	FS	007	A	$848.00
285077	ARMT-2405E2T2 240V1P 4000W	FS	007	A	$1081.00
285050	ARMT-2405T1 240V1P 4000W	FS	007	A	$848.00
285069	ARMT-2405E2T1 240V1P 4000W	FS	007	A	$1081.00
285093	ARMT-2405T2 480V1P 4000W	FS	007	A	$848.00
285114	ARMT-2405E2T2 480V1P 4000W	FS	007	A	$1081.00
285085	ARMT-2405T1 480V1P 4000W	FS	007	A	$848.00
285106	ARMT-2405E2T1 480V1P 4000W	FS	007	A	$1081.00
323467	ARMT-2505T2 208V1P 5000W	FS	008	A	$891.00
323483	ARMT-2505E2T2 208V1P 5000W	FS	014	A	$1124.00
323475	ARMT-2505T1 208V1P 5000W	FS	008	A	$891.00
323491	ARMT-2505E2T1 208V1P 5000W	FS	014	A	$1124.00

PCN	DESCRIPTION	SS	WT	D	PRICE
270190	ARMT-2505T2 240V1P 5000W	FS	008	A	$891.00
285149	ARMT-2505E2T2 240V1P 5000W	FS	008	A	$1124.00
285122	ARMT-2505T1 240V1P 5000W	FS	008	A	$891.00
285130	ARMT-2505E2T1 240V1P 5000W	FS	008	A	$1124.00
274757	ARMT-2505T2 480V1P 5000W	FS	008	A	$891.00
285173	ARMT-2505E2T2 480V1P 5000W	FS	008	A	$1124.00
285157	ARMT-2505T1 480V1P 5000W	FS	008	A	$891.00
285165	ARMT-2505E2T1 480V1P 5000W	FS	008	A	$1124.00
323504	ARMT-2605T2 208V1P 6000W	FS	008	A	$896.00
323520	ARMT-2605E2T2 208V1P 6000W	FS	014	A	$1129.00
323512	ARMT-2605T1 208V1P 6000W	NS	008	A	$896.00
323539	ARMT-2605E2T1 208V1P 6000W	FS	014	A	$1129.00
270211	ARMT-2605T2 240V1P 6000W	FS	010	A	$896.00
285202	ARMT-2605E2T2 240V1P 6000W	FS	010	A	$1129.00
285181	ARMT-2605T1 240V1P 6000W	FS	010	A	$896.00
285190	ARMT-2605E2T1 240V1P 6000W	FS	010	A	$1129.00
285229	ARMT-2605T2 480V1P 6000W	FS	010	A	$896.00
285245	ARMT-2605E2T2 480V1P 6000W	FS	010	A	$1130.00
285210	ARMT-2605T1 480V1P 6000W	FS	010	A	$897.00
285237	ARMT-2605E2T1 480V1P 6000W	FS	010	A	$1129.00
323563	ARMT-2705E2T2 208V1P 7000W	FS	015	A	$1181.00
323547	ARMT-2705T2 208V1P 7000W	NS	009	A	$948.00
323555	ARMT-2705T1 208V1P 7000W	FS	009	A	$948.00
323571	ARMT-2705E2T1 208V1P 7000W	NS	015	A	$1181.00
270238	ARMT-2705T2 240V1P 7000W	FS	012	A	$948.00
285270	ARMT-2705E2T2 240V1P 7000W	FS	012	A	$1181.00
285253	ARMT-2705T1 240V1P 7000W	FS	012	A	$948.00
285261	ARMT-2705E2T1 240V1P 7000W	FS	012	A	$1181.00
285296	ARMT-2705T2 480V1P 7000W	FS	012	A	$948.00
285309	ARMT-2705E2T2 480V1P 7000W	FS	012	A	$1181.00
285288	ARMT-2705T1 480V1P 7000W	FS	012	A	$948.00
285317	ARMT-2705E2T1 480V1P 7000W	FS	012	A	$1181.00
323580	ARMT-2105T2 208V1P 10000W	FS	009	A	$1127.00
323600	ARMT-2105E2T2 208V1P 10000W	FS	016	A	$1361.00
323598	ARMT-2105T1 208V1P 10000W	NS	009	A	$1127.00
323619	ARMT-2105E2T1 208V1P 10000W	FS	016	A	$1361.00
270019	ARMT-2105T2 240V1P 10000W	FS	015	A	$1127.00
284728	ARMT-2105E2T2 240V1P 10000W	FS	015	A	$1361.00
284701	ARMT-2105T1 240V1P 10000W	FS	015	A	$1127.00
284710	ARMT-2105E2T1 240V1P 10000W	FS	015	A	$1361.00
274765	ARMT-2105T2 480V1P 10000W	FS	015	A	$1127.00
284752	ARMT-2105E2T2 480V1P 10000W	FS	015	A	$1361.00
284736	ARMT-2105T1 480V1P 10000W	FS	015	A	$1127.00
284744	ARMT-2105E2T1 480V1P 10000W	FS	015	A	$1361.00
310480	ARMT-2125T2 240V1P 12000W	FS	010	A	$1241.00
310498	ARMT-2125T2 480V1P 12000W	FS	010	A	$1241.00
310500	ARMT-2125E2T2 240V1P 12000W	FS	017	A	$1475.00
310519	ARMT-2125E2T2 480V1P 12000W	NS	017	A	$1475.00
310527	ARMT-2125T1 240V1P 12000W	FS	010	A	$1241.00
310535	ARMT-2125T1 480V1P 12000W	FS	010	A	$1241.00
310543	ARMT-2125E2T1 240V1P 12000W	NS	017	A	$1475.00
310551	ARMT-2125E2T1 480V1P 12000W	FS	017	A	$1475.00
310560	ARMT-21505T2 240V1P 15000W	FS	011	A	$1377.00
310578	ARMT-21505T2 480V1P 15000W	FS	000	A	$1377.00
310586	ARMT-21505E2T2 240V1P 15000W	FS	000	A	$1610.00
310594	ARMT-21505E2T2 480V1P 15000W	FS	000	A	$1610.00
310607	ARMT-21505T1 240V1P 15000W	FS	011	A	$1377.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
310615	ARMT-21505T1 480V1P 15000W	FS	011	A	$1377.00
310623	ARMT-21505E2T1 240V1P 15000W	FS	018	A	$1610.00
310631	ARMT-21505E2T1 480V1P 15000W	FS	018	A	$1610.00
2 INCH PLUG W/THERMO/CUTOUT					
299516	ARMT-2455CT4 240V1P 4500W	NS	000	A	$820.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTO IMMERSION HEATERS 447

PCN	DESCRIPTION	SS	WT	D	PRICE
2 INCH STEEL WITH THERMO, 15 WATTS/SQ IN					
270570	ARMTO-2155T3 120V1P 1500W	FS	006	A	$730.00
274159	ARMTO-2155T1 120V1P 1500W	ST	006	A	$730.00
271097	ARMTO-2155T2 120V1P 1500W	ST	006	A	$730.00
273535	ARMTO-2155E2T3 120V1P 1500W	FS	006	A	$964.00
283311	ARMTO-2155E2T1 120V1P 1500W	ST	007	A	$964.00
275055	ARMTO-2155E2T2 120V1P 1500W	ST	012	A	$964.00
322843	ARMTO-2155T3 208V1P 1500W	FS	006	A	$730.00
322860	ARMTO-2155T1 208V1P 1500W	FS	006	A	$730.00
322851	ARMTO-2155T2 208V1P 1500W	FS	006	A	$730.00
322878	ARMTO-2155E2T3 208V1P 1500W	FS	009	A	$964.00
322894	ARMTO-2155E2T1 208V1P 1500W	FS	009	A	$964.00
322886	ARMTO-2155E2T2 208V1P 1500W	FS	009	A	$964.00
270588	ARMTO-2155T3 240V1P 1500W	FS	006	A	$730.00
271100	ARMTO-2155T2 240V1P 1500W	ST	006	A	$730.00
274167	ARMTO-2155T1 240V1P 1500W	ST	006	A	$730.00
283864	ARMTO-2155E2T3 240V1P 1500W	FS	007	A	$964.00
283856	ARMTO-2155E2T1 240V1P 1500W	FS	007	A	$964.00
275063	ARMTO-2155E2T2 240V1P 1500W	ST	012	A	$964.00
274909	ARMTO-2155T3 480V1P 1500W	FS	006	A	$730.00
274175	ARMTO-2155T1 480V1P 1500W	ST	006	A	$730.00
274933	ARMTO-2155T2 480V1P 1500W	ST	006	A	$730.00
283944	ARMTO-2155E2T3 480V1P 1500W	FS	007	A	$964.00
283872	ARMTO-2155E2T1 480V1P 1500W	ST	007	A	$964.00
283320	ARMTO-2155E2T2 480V1P 1500W	FS	006	A	$964.00
270609	ARMTO-2205T3 120V1P 2000W	FS	006	A	$807.00
284023	ARMTO-2205T1 120V1P 2000W	FS	007	A	$807.00
274941	ARMTO-2205T2 120V1P 2000W	FS	006	A	$807.00
275012	ARMTO-2205E2T3 120V1P 2000W	FS	012	A	$1041.00
284031	ARMTO-2205E2T1 120V1P 2000W	FS	007	A	$1041.00
275071	ARMTO-2205E2T2 120V1P 2000W	ST	012	A	$1110.00
322907	ARMTO-2205T3 208V1P 2000W	FS	006	A	$807.00
322923	ARMTO-2205T1 208V1P 2000W	FS	006	A	$807.00
322915	ARMTO-2205T2 208V1P 2000W	FS	006	A	$807.00
322931	ARMTO-2205E2T3 208V1P 2000W	FS	009	A	$1041.00
322958	ARMTO-2205E2T1 208V1P 2000W	FS	009	A	$1041.00
322940	ARMTO-2205E2T2 208V1P 2000W	FS	009	A	$1041.00
270617	ARMTO-2205T3 240V1P 2000W	FS	006	A	$807.00
283830	ARMTO-2205T1 240V1P 2000W	FS	006	A	$807.00
271118	ARMTO-2205T2 240V1P 2000W	FS	006	A	$807.00
275004	ARMTO-2205E2T3 240V1P 2000W	FS	012	A	$1041.00
284040	ARMTO-2205E2T1 240V1P 2000W	ST	007	A	$1041.00
284058	ARMTO-2205E2T2 240V1P 2000W	FS	007	A	$1041.00
283370	ARMTO-2205T3 480V1P 2000W	FS	007	A	$807.00
274950	ARMTO-2205T1 480V1P 2000W	FS	006	A	$807.00
284066	ARMTO-2205T2 480V1P 2000W	ST	007	A	$807.00
284082	ARMTO-2205E2T3 480V1P 2000W	FS	007	A	$1041.00
284074	ARMTO-2205E2T1 480V1P 2000W	FS	007	A	$1041.00
275020	ARMTO-2205E2T2480V1P 2000W	FS	012	A	$1041.00
285510	ARMTO-2255T3 120V1P 2500W	FS	007	A	$837.00
285501	ARMTO-2255T1 120V1P 2500W	FS	007	A	$835.00
274968	ARMTO-2255T2 120V1P 2500W	FS	006	A	$835.00
285544	ARMTO-2255E2T3 120V1P 2500W	FS	007	A	$1070.00
285528	ARMTO-2255E2T1 120V1P 2500W	FS	007	A	$1068.00
285536	ARMTO-2255E2T2 120V1P 2500W	FS	007	A	$1068.00
322966	ARMTO-2255T3 208V1P 2500W	FS	007	A	$835.00
322982	ARMTO-2255T1 208V1P 2500W	FS	007	A	$837.00
322974	ARMTO-2255T2 208V1P 2500W	FS	007	A	$837.00
322990	ARMTO-2255E2T3 208V1P 2500W	FS	010	A	$1070.00
323010	ARMTO-2255E2T1 208V1P 2500W	FS	010	A	$1068.00
323002	ARMTO-2255E2T2 208V1P 2500W	FS	010	A	$1068.00
270641	ARMTO-2255T3 240V1P 2500W	FS	006	A	$835.00
284090	ARMTO-2255T1 240V1P 2500W	FS	007	A	$835.00
284103	ARMTO-2255T2 240V1P 2500W	FS	007	A	$835.00
284120	ARMTO-2255E2T3 240V1P 2500W	FS	007	A	$1070.00
275039	ARMTO-2255E2T1 240V1P 2500W	FS	012	A	$1068.00
284111	ARMTO-2255E2T2 240V1P 2500W	FS	007	A	$1070.00
274917	ARMTO-2255T3 480V1P 2500W	FS	006	A	$835.00
284138	ARMTO-2255T1 480V1P 2500W	FS	007	A	$835.00
274140	ARMTO-2255T2 480V1P 2500W	FS	006	A	$835.00
284162	ARMTO-2255E2T3 480V1P 2500W	FS	007	A	$1070.00
284146	ARMTO-2255E2T1 480V1P 2500W	FS	007	A	$1068.00
284154	ARMTO-2255E2T2 480V1P 2500W	FS	007	A	$1068.00
285560	ARMTO-2305T3 120V1P 3000W	FS	007	A	$905.00
285552	ARMTO-2305T1 120V1P 3000W	FS	007	A	$903.00
274976	ARMTO-2305T2 120V1P 3000W	FS	007	A	$903.00
285595	ARMTO-2305E2T3 120V1P 3000W	FS	007	A	$1138.00
285579	ARMTO-2305E2T1 120V1P 3000W	FS	007	A	$1137.00
285587	ARMTO-2305E2T2 120V1P 3000W	FS	007	A	$1137.00
323029	ARMTO-2305T3 208V1P 3000W	FS	007	A	$905.00
323045	ARMTO-2305T1 208V1P 3000W	FS	007	A	$903.00
323037	ARMTO-2305T2 208V1P 3000W	FS	007	A	$905.00
323053	ARMTO-2305E2T3 208V1P 3000W	FS	010	A	$1138.00
323070	ARMTO-2305E2T1 208V1P 3000W	FS	010	A	$1137.00
323061	ARMTO-2305E2T2 208V1P 3000W	FS	010	A	$1138.00
270676	ARMTO-2305T3 240V1P 3000W	FS	007	A	$903.00
283821	ARMTO-2305T1 240V1P 3000W	FS	007	A	$903.00
271134	ARMTO-2305T2 240V1P 3000W	FS	007	A	$903.00
283400	ARMTO-2305E2T3 240V1P 3000W	FS	007	A	$1138.00
284170	ARMTO-2305E2T1 240V1P 3000W	FS	007	A	$1137.00
275047	ARMTO-2305E2T2 240V1P 3000W	FS	013	A	$1137.00
274925	ARMTO-2305T3 480V1P 3000W	FS	007	A	$905.00
284200	ARMTO-2305T1 480V1P 3000W	FS	007	A	$903.00
274183	ARMTO-2305T2 480V1P 3000W	FS	007	A	$903.00
284197	ARMTO-2305E2T3 480V1P 3000W	FS	007	A	$1138.00
284218	ARMTO-2305E2T1 480V1P 3000W	FS	007	A	$1137.00
284226	ARMTO-2305E2T2 480V1P 3000W	FS	007	A	$1138.00
285616	ARMTO-2405T3 120V1P 4000W	FS	007	A	$1011.00
274984	ARMTO-2405T1 120V1P 4000W	FS	007	A	$1011.00
285608	ARMTO-2405T2 120V1P 4000W	FS	007	A	$1011.00
285640	ARMTO-2405E2T3 120V1P 4000W	FS	007	A	$1245.00
285624	ARMTO-2405E2T1 120V1P 4000W	FS	007	A	$1245.00
285632	ARMTO-2405E2T2 120V1P 4000W	FS	007	A	$1245.00
323088	ARMTO-2405T3 208V1P 4000W	FS	007	A	$1011.00
323109	ARMTO-2405T1 208V1P 4000W	FS	007	A	$1011.00
323096	ARMTO-2405T2 208V1P 4000W	FS	007	A	$1011.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
323117	ARMTO-2405E2T3 208V1P 4000W	FS	010	A	$1245.00
323133	ARMTO-2405E2T1 208V1P 4000W	FS	010	A	$1245.00
323125	ARMTO-2405E2T2 208V1P 4000W	FS	010	A	$1245.00
270705	ARMTO-2405T3 240V1P 4000W	FS	007	A	$1011.00
284234	ARMTO-2405T1 240V1P 4000W	FS	007	A	$1011.00
271142	ARMTO-2405T2 240V1P 4000W	FS	007	A	$1011.00
284621	ARMTO-2405E2T3 240V1P 4000W	FS	007	A	$1245.00
284242	ARMTO-2405E2T1 240V1P 4000W	FS	007	A	$1245.00
284250	ARMTO-2405E2T2 240V1P 4000W	FS	007	A	$1245.00
284285	ARMTO-2405T3 480V1P 4000W	FS	007	A	$1011.00
284269	ARMTO-2405T1 480V1P 4000W	FS	007	A	$1011.00
284277	ARMTO-2405T2 480V1P 4000W	FS	007	A	$1011.00
284314	ARMTO-2405E2T3 480V1P 4000W	FS	007	A	$1245.00
284293	ARMTO-2405E2T1 480V1P 4000W	FS	007	A	$1245.00
284306	ARMTO-2405E2T2 480V1P 4000W	FS	007	A	$1245.00
285667	ARMTO-2505T3 120V1P 5000W	FS	007	A	$1113.00
274992	ARMTO-2505T1 120V1P 5000W	FS	007	A	$1113.00
285659	ARMTO-2505T2 120V1P 5000W	FS	007	A	$1113.00
285691	ARMTO-2505E2T3 120V1P 5000W	FS	007	A	$1346.00
285675	ARMTO-2505E2T1 120V1P 5000W	FS	007	A	$1346.00
285683	ARMTO-2505E2T2 120V1P 5000W	FS	007	A	$1346.00
323141	ARMTO-2505T3 208V1P 5000W	FS	007	A	$1113.00
323168	ARMTO-2505T1 208V1P 5000W	FS	007	A	$1113.00
323150	ARMTO-2505T2 208V1P 5000W	FS	007	A	$1113.00
323176	ARMTO-2505E2T3 208V1P 5000W	FS	010	A	$1346.00
323192	ARMTO-2505E2T1 208V1P 5000W	FS	010	A	$1346.00
323184	ARMTO-2505E2T2 208V1P 5000W	FS	010	A	$1346.00
270730	ARMTO-2505T3 240V1P 5000W	FS	009	A	$1113.00
284322	ARMTO-2505T1 240V1P 5000W	FS	007	A	$1113.00
271150	ARMTO-2505T2 240V1P 5000W	FS	009	A	$1113.00
282837	ARMTO-2505E2T3 240V1P 5000W	FS	009	A	$1346.00
284330	ARMTO-2505E2T1 240V1P 5000W	FS	007	A	$1346.00
284349	ARMTO-2505E2T2 240V1P 5000W	FS	007	A	$1346.00
284373	ARMTO-2505T3 480V1P 5000W	FS	007	A	$1113.00
284357	ARMTO-2505T1 480V1P 5000W	FS	007	A	$1113.00
284365	ARMTO-2505T2 480V1P 5000W	FS	007	A	$1113.00
284402	ARMTO-2505E2T3 480V1P 5000W	FS	007	A	$1346.00
284381	ARMTO-2505E2T1 480V1P 5000W	FS	007	A	$1346.00
284390	ARMTO-2505E2T2 480V1P 5000W	FS	007	A	$1346.00
323205	ARMTO-2605T3 208V1P 6000W	FS	007	A	$1215.00
323221	ARMTO-2605T1 208V1P 6000W	FS	007	A	$1215.00
323213	ARMTO-2605T2 208V1P 6000W	FS	007	A	$1215.00
323230	ARMTO-2605E2T3 208V1P 6000W	FS	010	A	$1448.00
323256	ARMTO-2605E2T1 208V1P 6000W	FS	010	A	$1448.00
323248	ARMTO-2605E2T2 208V1P 6000W	FS	010	A	$1448.00
270756	ARMTO-2605T3 240V1P 6000W	FS	011	A	$1215.00
284410	ARMTO-2605T1 240V1P 6000W	FS	007	A	$1215.00
284429	ARMTO-2605T2 240V1P 6000W	FS	007	A	$1215.00
284453	ARMTO-2605E2T3 240V1P 6000W	FS	007	A	$1448.00
284437	ARMTO-2605E2T1 240V1P 6000W	FS	007	A	$1448.00
284445	ARMTO-2605E2T2 240V1P 6000W	FS	007	A	$1448.00
284189	ARMTO-2605T3 480V1P 6000W	FS	007	A	$1215.00
284461	ARMTO-2605T1 480V1P 6000W	FS	007	A	$1215.00
284470	ARMTO-2605T2 480V1P 6000W	FS	007	A	$1215.00
284509	ARMTO-2605E2T3 480V1P 6000W	FS	007	A	$1448.00
284488	ARMTO-2605E2T1 480V1P 6000W	FS	007	A	$1448.00
284496	ARMTO-2605E2T2 480V1P 6000W	FS	007	A	$1448.00

PCN	DESCRIPTION	SS	WT	D	PRICE
324208	ARMTO-2020T3 240V1P 2000W	FS	007	A	$889.00
324216	ARMTO-2020T2 240V1P 2000W	FS	007	A	$889.00
324224	ARMTO-2020T1 240V1P 2000W	FS	007	A	$889.00
324232	ARMTO-2020E2T3 240V1P 2000W	FS	013	A	$1122.00
324240	ARMTO-2020E2T2 240V1P 2000W	FS	013	A	$1122.00
324259	ARMTO-2020E2T1 240V1P 2000W	FS	013	A	$1122.00
324267	ARMTO-2020T3 480V1P 2000W	FS	007	A	$890.00
324275	ARMTO-2020T2 480V1P 2000W	FS	007	A	$890.00
324283	ARMTO-2020T1 480V1P 2000W	FS	007	A	$889.00
324291	ARMTO-2020E2T3 480V1P 2000W	FS	013	A	$1124.00
324312	ARMTO-2020E2T1 480V1P 2000W	FS	013	A	$1122.00
324304	ARMTO-2020E2T2 480V1P 2000W	FS	013	A	$1122.00
324320	ARMTO-2026T3 240V1P 2660W	FS	007	A	$992.00
324339	ARMTO-2026T2 240V1P 2660W	FS	007	A	$992.00
324347	ARMTO-2026T1 240V1P 2660W	FS	007	A	$992.00
324355	ARMTO-2026E2T3 240V1P 2660W	FS	013	A	$1225.00
324363	ARMTO-2026E2T2 240V1P 2660W	FS	013	A	$1225.00
324371	ARMTO-2026E2T1 240V1P 2660W	FS	013	A	$1225.00
324380	ARMTO-2026T3 480V1P 2660W	FS	007	A	$992.00
324398	ARMTO-2026T2 480V1P 2660W	FS	007	A	$992.00
324400	ARMTO-2026T1 480V1P 2660W	FS	007	A	$992.00
324419	ARMTO-2026E2T3 480V1P 2660W	FS	013	A	$1225.00
324427	ARMTO-2026E2T2 480V1P 2660W	FS	013	A	$1225.00
324435	ARMTO-2026E2T1 480V1P 2660W	FS	013	A	$1225.00
324443	ARMTO-2033T3 240V1P 3330W	FS	008	A	$1088.00
324460	ARMTO-2033T1 240V1P 3330W	FS	008	A	$1088.00
324451	ARMTO-2033T2 240V1P 3330W	FS	008	A	$1088.00
324478	ARMTO-2033E2T3 240V1P 3330W	FS	014	A	$1322.00
324486	ARMTO-2033E2T2 240V1P 3330W	FS	014	A	$1322.00
324494	ARMTO-2033E2T1 240V1P 3330W	FS	014	A	$1322.00
324507	ARMTO-2033T3 480V1P 3330W	NS	008	A	$1088.00
324523	ARMTO-2033T1 480V1P 3330W	FS	008	A	$1088.00
324540	ARMTO-2033E2T2 480V1P 3330W	FS	014	A	$1322.00
324515	ARMTO-2033T2 480V1P 3330W	FS	008	A	$1088.00
324531	ARMTO-2033E2T3 480V1P 3330W	FS	014	A	$1322.00
324558	ARMTO-2033E2T1 480V1P 3330W	FS	014	A	$1322.00
324566	ARMTO-2040T3 208V1P 4000W	FS	008	A	$1186.00
324574	ARMTO-2040T2 208V1P 4000W	FS	008	A	$1186.00
324582	ARMTO-2040T1 208V1P 4000W	FS	008	A	$1186.00
324590	ARMTO-2040E2T3 208V1P 4000W	FS	014	A	$1419.00
324603	ARMTO-2040E2T2 208V1P 4000W	FS	014	A	$1419.00
324611	ARMTO-2040E2T1 208V1P 4000W	FS	014	A	$1419.00
324620	ARMTO-2040T3 240V1P 4000W	FS	008	A	$1186.00
324638	ARMTO-2040T2 240V1P 4000W	FS	008	A	$1186.00
324646	ARMTO-2040T1 240V1P 4000W	FS	008	A	$1186.00
324654	ARMTO-2040E2T3 240V1P 4000W	FS	014	A	$1419.00
324662	ARMTO-2040E2T2 240V1P 4000W	FS	014	A	$1419.00
324670	ARMTO-2040E2T1 240V1P 4000W	FS	014	A	$1419.00
324689	ARMTO-2040T3 480V1P 4000W	NS	008	A	$1186.00
324697	ARMTO-2040T2 480V1P 4000W	FS	008	A	$1186.00
324700	ARMTO-2040T1 480V1P 4000W	FS	008	A	$1186.00
324718	ARMTO-2040E2T3 480V1P 4000W	FS	014	A	$1419.00
324726	ARMTO-2040E2T2 480V1P 4000W	FS	014	A	$1419.00
324734	ARMTO-2040E2T1 480V1P 4000W	FS	014	A	$1419.00
324742	ARMTO-2050T3 240V1P 5000W	FS	009	A	$1314.00
324750	ARMTO-2050T2 240V1P 5000W	FS	009	A	$1314.00
324769	ARMTO-2050T1 240V1P 5000W	FS	009	A	$1314.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
324777	ARMTO-2050E2T3 240V1P 5000W	FS	014	A	$1547.00
324785	ARMTO-2050E2T2 240V1P 5000W	FS	014	A	$1547.00
324793	ARMTO-2050E2T1 240V1P 5000W	FS	014	A	$1547.00
324806	ARMTO-2050T3 480V1P 5000W	FS	009	A	$1314.00
324814	ARMTO-2050T2 480V1P 5000W	FS	009	A	$1314.00
324822	ARMTO-2050T1 480V1P 5000W	FS	009	A	$847.00
324830	ARMTO-2050E2T3 480V1P 5000W	FS	014	A	$1547.00
324849	ARMTO-2050E2T2 480V1P 5000W	FS	014	A	$1547.00
324857	ARMTO-2050E2T1 480V1P 5000W	FS	014	A	$1547.00
324865	ARMTO-2060T3 240V1P 6000W	FS	010	A	$1448.00
324873	ARMTO-2060T2 240V1P 6000W	FS	010	A	$1448.00
324881	ARMTO-2060T1 240V1P 6000W	FS	010	A	$1448.00
324890	ARMTO-2060E2T3 240V1P 6000W	FS	014	A	$1681.00
324902	ARMTO-2060E2T2 240V1P 6000W	FS	014	A	$1681.00
324910	ARMTO-2060E2T1 240V1P 6000W	FS	014	A	$1681.00
324929	ARMTO-2060T3 480V1P 6000W	FS	010	A	$1448.00
324937	ARMTO-2060T2 480V1P 6000W	FS	010	A	$1448.00
324945	ARMTO-2060T1 480V1P 6000W	FS	010	A	$1448.00
324953	ARMTO-2060E2T3 480V1P 6000W	FS	010	A	$1681.00
324961	ARMTO-2060E2T2 480V1P 6000W	FS	014	A	$1681.00
324970	ARMTO-2060E2T1 480V1P 6000W	FS	014	A	$1681.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTO IMMERSION HEATERS 447

2 INCH STEEL WITH THERMO, 6.5 WATTS/SQ IN

178714	ARMTO-2004T3 120V1P 0.4KW	NS	006	A	$778.00
178722	ARMTO-2005T3 120V1P 0.5KW	FS	007	A	$785.00
035650	ARMTO-2005T2 120V1P 0.5KW	FS	007	A	$785.00
035668	ARMTO-2005T2 208V1P 0.5KW	FS	007	A	$785.00
035676	ARMTO-2005T2 240V1P 0.5KW	FS	007	A	$785.00
035684	ARMTO-2011T2 120V1P 1.1KW	FS	007	A	$969.00
035692	ARMTO-2011T2 208V1P 1.1KW	FS	007	A	$969.00
035705	ARMTO-2011T2 240V1P 1.1KW	FS	007	A	$969.00
035713	ARMTO-2014T2 120V1P 1.4KW	FS	007	A	$1060.00
035721	ARMTO-2014T2 208V1P 1.4KW	FS	007	A	$1060.00
035730	ARMTO-2014T2 240V1P 1.4KW	FS	007	A	$1060.00
035748	ARMTO-2005T1 120V1P 0.5KW	FS	007	A	$785.00
035756	ARMTO-2005T1 208V1P 0.5KW	FS	007	A	$785.00
035764	ARMTO-2005T1 240V1P 0.5KW	FS	007	A	$785.00
035772	ARMTO-2011T1 120V1P 1.1KW	FS	007	A	$969.00
035780	ARMTO-2011T1 208V1P 1.1KW	FS	007	A	$969.00
035799	ARMTO-2011T1 240V1P 1.1KW	FS	007	A	$969.00
035801	ARMTO-2014T1 120V1P 1.4KW	FS	007	A	$1060.00
035810	ARMTO-2014T1 208V1P 1.4KW	FS	007	A	$1060.00
035828	ARMTO-2014T1 240V1P 1.4KW	FS	007	A	$1060.00
178730	ARMTO-2005T3 208V1P 0.5KW	FS	007	A	$785.00
178749	ARMTO-2005T3 240V1P 0.5KW	FS	007	A	$785.00
178757	ARMTO-2006T3 120V1P 0.6KW	NS	008	A	$827.00
178765	ARMTO-2006T3 208V1P 0.6KW	NS	008	A	$827.00
178773	ARMTO-2006T3 240V1P 0.6KW	NS	008	A	$827.00
178781	ARMTO-2008T3 120V1P 0.6KW	NS	008	A	$874.00
178790	ARMTO-2008T3 208V1P 0.8KW	NS	008	A	$874.00
178802	ARMTO-2008T3 240V1P 0.8KW	NS	008	A	$874.00
178810	ARMTO-2011T3 120V1P 1.1KW	FS	009	A	$969.00
178829	ARMTO-2011T3 208V1P 1.1KW	FS	009	A	$969.00
178837	ARMTO-2011T3 240V1P 1.1KW	FS	009	A	$969.00
178845	ARMTO-2014T3 120V1P 1.4KW	FS	009	A	$1060.00
178853	ARMTO-2014T3 208V1P 1.4KW	FS	009	A	$1060.00
178861	ARMTO-2014T3 240V1P 1.4KW	FS	009	A	$1060.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTS IMMERSION HEATERS 447

2 INCH STAINLESS STEEL, WITH THERMO

187426	ARMTS-2205-3T2 208V1P 2KW	FS	006	A	$1066.00
184145	ARMTS-2205-3T2 240V1P 2KW	FS	006	A	$1066.00
187442	ARMTS-2205-3E2T2 208V1P 2KW	FS	012	A	$1300.00
184161	ARMTS-2205-3E2T2 240V1P 2KW	FS	012	A	$1300.00
187434	ARMTS-2205-3T1 208V1P 2KW	FS	006	A	$1066.00
184188	ARMTS-2205-3T1 240V1P 2KW	FS	006	A	$1066.00
187450	ARMTS-2205-3E2T1 208V1P 2KW	FS	012	A	$1300.00
184209	ARMTS-2205-3E2T1 240V1P 2KW	FS	012	A	$1300.00
184153	ARMTS-2205-3T2 480V1P 2KW	FS	006	A	$1066.00
184170	ARMTS-2205-3E2T2 480V1P 2KW	FS	012	A	$1300.00
184196	ARMTS-2205-3T1 480V1P 2KW	FS	006	A	$1066.00
184217	ARMTS-2205-3E2T1 480V1P 2KW	FS	012	A	$1300.00
184225	ARMTS-2255T2 240V1P 2.5KW	FS	007	A	$1088.00
184241	ARMTS-2255E2T2 240V1P 2.5KW	FS	012	A	$1322.00
184268	ARMTS-2255T1 240V1P 2.5KW	FS	007	A	$1088.00
184284	ARMTS-2255E2T1 240V1P 2.5KW	FS	012	A	$1322.00
184233	ARMTS-2255T2 480V1P 2.5KW	FS	007	A	$1088.00
184250	ARMTS-2255E2T2 480V1P 2.5KW	FS	012	A	$1322.00
184276	ARMTS-2255T1 480V1P 2.5KW	FS	007	A	$1088.00
184292	ARMTS-2255E2T1 480V1P 2.5KW	FS	012	A	$1322.00
187469	ARMTS-2305T2 208V1P 3KW	FS	007	A	$1122.00
184305	ARMTS-2305T2 240V1P 3KW	FS	007	A	$1122.00
187485	ARMTS-2305E2T2 208V1P 3KW	FS	013	A	$1355.00
184321	ARMTS-2305E2T2 240V1P 3KW	FS	013	A	$1355.00
187477	ARMTS-2305T1 208V1P 3KW	FS	007	A	$1122.00
184348	ARMTS-2305T1 240V1P 3KW	FS	007	A	$1122.00
187493	ARMTS-2305E2T1 208V1P 3KW	FS	013	A	$1355.00
184364	ARMTS-2305E2T1 240V1P 3KW	FS	013	A	$1355.00
184313	ARMTS-2305T2 480V1P 3KW	FS	007	A	$1122.00
184330	ARMTS-2305E2T2 480V1P 3KW	FS	013	A	$1355.00
184356	ARMTS-2305T1 480V1P 3KW	FS	007	A	$1122.00
184372	ARMTS-2305E2T1 480V1P 3KW	FS	013	A	$1355.00
187506	ARMTS-2405T2 208V1P 4KW	FS	008	A	$1200.00
184380	ARMTS-2405T2 240V1P 4KW	FS	007	A	$1200.00
187522	ARMTS-2405E2T2 208V1P 4KW	FS	013	A	$1433.00
184401	ARMTS-2405E2T2 240V1P 4KW	FS	013	A	$1433.00
187514	ARMTS-2405T1 208V1P 4KW	FS	008	A	$1200.00
184428	ARMTS-2405T1 240V1P 4KW	FS	007	A	$1200.00
187530	ARMTS-2405E2T1 208V1P 4KW	FS	013	A	$1433.00
184444	ARMTS-2405E2T1 240V1P 4KW	FS	013	A	$1433.00
184399	ARMTS-2405T2 480V1P 4KW	FS	007	A	$1200.00
184410	ARMTS-2405E2T2 480V1P 4KW	FS	013	A	$1433.00
184436	ARMTS-2405T1 480V1P 4KW	FS	007	A	$1200.00
184452	ARMTS-2405E2T1 480V1P 4KW	FS	013	A	$1433.00
187549	ARMTS-2505T2 208V1P 5KW	FS	008	A	$1227.00
184460	ARMTS-2505T2 240V1P 5KW	FS	008	A	$1227.00
187565	ARMTS-2505E2T2 208V1P 5KW	FS	014	A	$1460.00
184487	ARMTS-2505E2T2 240V1P 5KW	FS	014	A	$1460.00
187557	ARMTS-2505T1 208V1P 5KW	FS	008	A	$1227.00
184508	ARMTS-2505T1 240V1P 5KW	FS	008	A	$1227.00
187573	ARMTS-2505E2T1 208V1P 5KW	FS	014	A	$1460.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
184524	ARMTS-2505E2T1 240V1P 5KW	FS	014	A	$1460.00
184479	ARMTS-2505T2 480V1P 5KW	FS	008	A	$1227.00
184495	ARMTS-2505E2T2 480V1P 5KW	FS	014	A	$1460.00
184516	ARMTS-2505T1 480V1P 5KW	FS	008	A	$1227.00
184532	ARMTS-2505E2T1 480V1P 5KW	FS	014	A	$1460.00
187581	ARMTS-2605T2 208V1P 6KW	FS	008	A	$1299.00
184540	ARMTS-2605T2 240V1P 6KW	FS	008	A	$1299.00
187602	ARMTS-2605E2T2 208V1P 6KW	FS	014	A	$1533.00
184567	ARMTS-2605E2T2 240V1P 6KW	FS	014	A	$1533.00
187590	ARMTS-2605T1 208V1P 6KW	FS	008	A	$1299.00
184583	ARMTS-2605T1 240V1P 6KW	FS	008	A	$1299.00
187610	ARMTS-2605E2T1 208V1P 6KW	FS	014	A	$1533.00
184604	ARMTS-2605E2T1 240V1P 6KW	FS	014	A	$1533.00
184559	ARMTS-2605T2 480V1P 6KW	FS	008	A	$1299.00
184575	ARMTS-2605E2T2 480V1P 6KW	FS	014	A	$1533.00
184591	ARMTS-2605T1 480V1P 6KW	FS	008	A	$1299.00
184612	ARMTS-2605E2T1 480V1P 6KW	FS	014	A	$1533.00
184620	ARMTS-2705T2 240V1P 7KW	FS	009	A	$1343.00
184647	ARMTS-2705E2T2 240V1P 7KW	FS	015	A	$1577.00
184663	ARMTS-2705T1 240V1P 7KW	FS	009	A	$1343.00
184680	ARMTS-2705E2T1 240V1P 7KW	FS	015	A	$1577.00
184655	ARMTS-2705E2T2 480V1P 7KW	FS	015	A	$1577.00
184639	ARMTS-2705T2 480V1P 7KW	FS	009	A	$1343.00
184671	ARMTS-2705T1 480V1P 7KW	FS	009	A	$1343.00
184698	ARMTS-2705E2T1 480V1P 7KW	FS	015	A	$1577.00
187629	ARMTS-21005T2 208V1P 10KW	FS	010	A	$1515.00
184700	ARMTS-21005T2 240V1P 10KW	FS	010	A	$1515.00
187645	ARMTS-21005E2T2 208V1P 10KW	FS	016	A	$1749.00
184727	ARMTS-21005E2T2 240V1P 10KW	FS	016	A	$1749.00
187637	ARMTS-21005T1 208V1P 10KW	NS	010	A	$1515.00
184743	ARMTS-21005T1 240V1P 10KW	FS	010	A	$1515.00
187653	ARMTS-21005E2T1 208V1P 10KW	NS	016	A	$1749.00
184760	ARMTS-21005E2T1 240V1P 10KW	FS	016	A	$1749.00
184719	ARMTS-21005T2 480V1P 10KW	FS	010	A	$1515.00
184735	ARMTS-21005E2T2 480V1P 10KW	FS	016	A	$1749.00
184751	ARMTS-21005T1 480V1P 10KW	FS	010	A	$1515.00
184778	ARMTS-21005E2T1 480V1P 10KW	FS	016	A	$1749.00
310640	ARMTS-21205T2 240V1P 12KW	FS	011	A	$1626.00
310658	ARMTS-21205T2 480V1P 12KW	FS	011	A	$1626.00
310666	ARMTS-21205T1 240V1P 12KW	NS	011	A	$1626.00
310674	ARMTS-21205T1 480V1P 12KW	FS	011	A	$1626.00
310682	ARMTS-21205E2T2 240V1P 12KW	FS	017	A	$2338.00
310690	ARMTS-21205E2T2 480V1P 12KW	FS	017	A	$1859.00
310703	ARMTS-21205E2T1 240V1P 12KW	FS	017	A	$1859.00
310711	ARMTS-21205E2T1 480V1P 12KW	FS	017	A	$1859.00
310720	ARMTS-21505T2 240V1P 15KW	NS	012	A	$1724.00
310738	ARMTS-21505T2 480V1P 15KW	FS	012	A	$1724.00
310746	ARMTS-21505T1 240V1P 15KW	NS	012	A	$1724.00
310754	ARMTS-21505T1 480V1P 15KW	NS	012	A	$1724.00
310762	ARMTS-21505E2T2 240V1P 15KW	NS	018	A	$1957.00
310770	ARMTS-21505E2T2 480V1P 15KW	FS	018	A	$1957.00
310789	ARMTS-21505E2T1 240V1P 15KW	FS	018	A	$1957.00
310797	ARMTS-21505E2T1 480V1P 15KW	FS	018	A	$1957.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTI IMMERSION HEATERS 447

2 INCH INCOLOY WITH THERMO

PCN	DESCRIPTION	SS	WT	D	PRICE
187987	ARMTI-2205-3T2 240V1P 2KW	FS	006	A	$1166.00
188023	ARMTI-2205-3T2 480V1P 2KW	FS	006	A	$1166.00
188007	ARMTI-2205-3E2T2 240V1P 2KW	NS	012	A	$1399.00
188040	ARMTI-2205-3E2T2 480V1P 2KW	FS	012	A	$1399.00
187995	ARMTI-2205-3T1 240V1P 2KW	FS	006	A	$1166.00
188031	ARMTI-2205-3T1 480V1P 2KW	FS	006	A	$1166.00
188015	ARMTI-2205-3E2T1 240V1P 2KW	FS	012	A	$1399.00
188058	ARMTI-2205-3E2T1 480V1P 2KW	FS	012	A	$1399.00
188066	ARMTI-2255T2 240V1P 2KW	FS	007	A	$1180.00
188103	ARMTI-2255T2 480V1P 2KW	FS	007	A	$1180.00
188082	ARMTI-2255E2T2 240V1P 2KW	FS	012	A	$1413.00
188120	ARMTI-2255E2T2 480V1P 2KW	FS	012	A	$1413.00
188074	ARMTI-2255T1 240V1P 2.5KW	FS	007	A	$1180.00
188111	ARMTI-2255T1 480V1P 2.5KW	FS	007	A	$1180.00
188090	ARMTI-2255E2T1 240V1P 2.5KW	FS	012	A	$1413.00
188138	ARMTI-2255E2T1 480V1P 2.5KW	FS	012	A	$1413.00
188146	ARMTI-2305T2 240V1P 3KW	FS	007	A	$1221.00
188189	ARMTI-2305T2 480V1P 3KW	FS	007	A	$1221.00
188162	ARMTI-2305E2 240V1P 3KW	FS	013	A	$1454.00
188200	ARMTI-2305E2 480V1P 3KW	FS	013	A	$1454.00
188154	ARMTI-2305T1 240V1P 3KW	FS	007	A	$1221.00
188197	ARMTI-2305T1 480V1P 3KW	FS	007	A	$1221.00
188170	ARMTI-2305E2T1 240V1P 3KW	FS	013	A	$1454.00
188218	ARMTI-2305E2T1 480V1P 3KW	FS	013	A	$1454.00
188226	ARMTI-2405T2 240V1P 4KW	FS	007	A	$1296.00
188269	ARMTI-2405T2 480V1P 4KW	FS	007	A	$1296.00
188242	ARMTI-2405E2T2 240V1P 4KW	FS	013	A	$1529.00
188285	ARMTI-2405E2T2 480V1P 4KW	FS	013	A	$1529.00
188234	ARMTI-2405T1 240V1P 4KW	FS	007	A	$1296.00
188277	ARMTI-2405T1 480V1P 4KW	FS	007	A	$1296.00
188250	ARMTI-2405E2T1 240V1P 4KW	FS	013	A	$1529.00
188293	ARMTI-2405E2T1 480V1P 4KW	FS	013	A	$1529.00
188306	ARMTI-2505T2 240V1P 5KW	FS	008	A	$1324.00
188349	ARMTI-2505T2 480V1P 5KW	FS	008	A	$1324.00
188322	ARMTI-2505E2T2 240V1P 5KW	FS	014	A	$1558.00
188365	ARMTI-2505E2T2 480V1P 5KW	FS	014	A	$1559.00
188314	ARMTI-2505T1 240V1P 5KW	FS	008	A	$1326.00
188357	ARMTI-2505T1 480V1P 5KW	FS	008	A	$1312.00
188330	ARMTI-2505E2T1 240V1P 5KW	FS	014	A	$1558.00
188373	ARMTI-2505E2T1 480V1P 5KW	FS	014	A	$1559.00
188381	ARMTI-2605T2 240V1P 6KW	FS	008	A	$1399.00
188429	ARMTI-2605T2 480V1P 6KW	FS	008	A	$1399.00
188402	ARMTI-2605E2T2 240V1P 6KW	FS	014	A	$1633.00
188445	ARMTI-2605E2T2 480V1P 6KW	FS	014	A	$1633.00
188390	ARMTI-2605T1 240V1P 6KW	FS	008	A	$1399.00
188437	ARMTI-2605T1 480V1P 6KW	FS	008	A	$1400.00
188410	ARMTI-2605E2T1 240V1P 6KW	FS	014	A	$1633.00
188453	ARMTI-2605E2T1 480V1P 6KW	FS	014	A	$1633.00
188461	ARMTI-2705T2 240V1P 7KW	FS	009	A	$1443.00
188509	ARMTI-2705T2 480V1P 7KW	FS	009	A	$1443.00
188488	ARMTI-2705E2T2 240V1P 7KW	FS	015	A	$1676.00
188525	ARMTI-2705E2T2 480V1P 7KW	FS	015	A	$1674.00
188470	ARMTI-2705T1 240V1P 7KW	FS	009	A	$1443.00
188517	ARMTI-2705T1 480V1P 7KW	FS	009	A	$1443.00
188496	ARMTI-2705E2T1 240V1P 7KW	FS	015	A	$1674.00
188533	ARMTI-2705E2T1 480V1P 7KW	FS	015	A	$1676.00
188541	ARMTI-21005T2 240V1P 10KW	FS	010	A	$1614.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
188584	ARMTI-21005T2 480V1P 10KW	FS	010	A	$1614.00
188568	ARMTI-21005E2T2 240V1P 10KW	FS	016	A	$1846.00
188605	ARMTI-21005E2T2 480V1P 10KW	FS	016	A	$1846.00
188550	ARMTI-21005T1 240V1P 10KW	FS	010	A	$1614.00
188592	ARMTI-21005T1 480V1P 10KW	FS	010	A	$1614.00
188576	ARMTI-21005E2T1 240V1P 10KW	FS	016	A	$1846.00
188613	ARMTI-21005E2T1 480V1P 10KW	FS	016	A	$1848.00
188621	ARMTI-21205T2 240V1P 12KW	FS	011	A	$1711.00
188664	ARMTI-21205T2 480V1P 12KW	FS	011	A	$1245.00
188648	ARMTI-21205E2T2 240V1P 12KW	FS	017	A	$1945.00
188680	ARMTI-21205E2T2 480V1P 12KW	FS	017	A	$1945.00
188630	ARMTI-21205T1 240V1P 12KW	FS	011	A	$1711.00
188672	ARMTI-21205T1 480V1P 12KW	FS	011	A	$1710.00
188656	ARMTI-21205E2T1 240V1P 12KW	FS	017	A	$1945.00
188699	ARMTI-21205E2T1 480V1P 12KW	FS	017	A	$1945.00
188701	ARMTI-21505T2 240V1P 15KW	FS	012	A	$1802.00
188744	ARMTI-21505T2 480V1P 15KW	FS	012	A	$1802.00
188728	ARMTI-21505E2T2 240V1P 15KW	FS	018	A	$2035.00
188760	ARMTI-21505E2T2 480V1P 15KW	FS	018	A	$2035.00
188710	ARMTI-21505T1 240V1P 15KW	FS	012	A	$1802.00
188752	ARMTI-21505T1 480V1P 15KW	FS	012	A	$1802.00
188736	ARMTI-21505E2T1 240V1P 15KW	FS	018	A	$2035.00
188779	ARMTI-21505E2T1 480V1P 15KW	FS	018	A	$2035.00

Special features-2 inch screw plug heaters

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. 550 volt rating (per item plus New Item Engineering Charge.)	5%
3. Type 316 stainless steel (add to 304sst list price plus New Item Engineering Charge to)	20%
4. Special immersion length (B dimension). Price as next longer unit and add new item engineering charge	
5. Special Feature, 2 inch Screwplug w/o Thermostat Moisture resistant terminal enclosure only. Add to general purpose heater price and add E4 to model.	$131
6.Special Option: Moisture Resistant Cast Aluminum Enclosure 2 inch Screwplug:	
w/o thermostat: Add $165 to general purpose enclosure list price	$165
with thermostat: Add $235 to general purpose enclosure list price	$235
Add E4 to model number.	

MTO PIPE INSERT HEATERS 444

SCREW PLUG 2 INCH, INCOLOY SINGLE ELEMENT

PCN	DESCRIPTION	SS	WT	D	PRICE
253155	MTO-241LT 240V1P 4KW	ST	012	A	$1215.00
186036	MTO-241LT 480V1P 4KW	ST	016	A	$1241.00
186044	MTO-251LT 240V1P 5KW	NS	016	A	$640.00
253180	MTO-251LT 480V1P 5KW	NS	016	A	$1441.00
253198	MTO-275LT 240V1P 7.5KW	NS	022	A	$2645.00
253200	MTO-275LT 480V1P 7.5KW	NS	022	A	$1763.00
253219	MTO-212LT 480V1P 11.5KW	NS	036	A	$4004.00
253227	MTO-213LT 480V1P 13KW	NS	042	A	$4604.00

EMT IMMERSION HEATERS 480

2 INCH COPPER 3 ELEMENT

PCN	DESCRIPTION	SS	WT	D	PRICE
326220	EMT-303 240V3P 3000W	FS	005	A	$264.00
326238	EMT-303 480V3P 3000W	ST	005	A	$264.00
326246	EMT-306 240V3P 6000W	ST	006	A	$348.00
326254	EMT-306 480V3P 6000W	ST	006	A	$348.00
326262	EMT-309 240V3P 9000W	FS	007	A	$498.00
326270	EMT-309 480V3P 9000W	ST	007	A	$498.00
326289	EMT-312 240V3P 12000W	ST	008	A	$659.00
326297	EMT-312 480V3P 12000W	ST	008	A	$659.00
060679	EMT-303E4TP 240V3P 3kW	FS	008	A	$404.00
060687	EMT-303E4TP 480V3P 3kW	FS	008	A	$404.00
060695	EMT-306E4TP 240V3P 6kW	FS	009	A	$488.00
060708	EMT-306E4TP 480V3P 6kW	FS	009	A	$488.00
060716	EMT-309E4TP 240V3P 9kW	FS	010	A	$638.00
060724	EMT-309E4TP 480V3P 9kW	FS	010	A	$638.00
060732	EMT-312E4TP 240V3P 12kW	FS	011	A	$799.00
060740	EMT-312E4TP 480V3P 12kW	FS	011	A	$799.00
326300	EMT-303E2 240V3P 3000W	FS	008	A	$497.00
326318	EMT-303E2 480V3P 3000W	FS	008	A	$497.00
326326	EMT-306E2 240V3P 6000W	FS	009	A	$581.00
326334	EMT-306E2 480V3P 6000W	FS	009	A	$581.00
326342	EMT-309E2 240V3P 9000W	FS	010	A	$732.00
326350	EMT-309E2 480V3P 9000W	FS	010	A	$732.00
326369	EMT-312E2 240V3P 12000W	FS	011	A	$893.00
326377	EMT-312E2 480V3P 12000W	FS	011	A	$893.00

CHSD IMMERSION HEATERS 480

2 INCH NPT BRASS SCREW PLUG, INCOLOY SHEATH

PCN	DESCRIPTION	SS	WT	D	PRICE
096022	CHSD-5083 208V3P 5000W	ST	009	A	$751.00
096030	CHSD-5043 240V3P 5000W	ST	009	A	$751.00
096049	CHSD-5053 480V3P 5000W	ST	009	A	$751.00
096057	CHSD-508 208V1P 5000W	FS	009	A	$751.00
096065	CHSD-504 240V1P 5000W	ST	009	A	$751.00
096073	CHSD-7583 208V3P 7500W	ST	010	A	$770.00
096081	CHSD-7543 240V3P 7500W	FS	010	A	$770.00
096090	CHSD-10083 208V3P 10000W	ST	010	A	$781.00
096102	CHSD-10043 240V3P 10000W	FS	010	A	$781.00
096110	CHSD-10053 480V3P 10000W	ST	010	A	$781.00

MT IMMERSION HEATERS 443

2-1/2 INCH COPPER

PCN	DESCRIPTION	SS	WT	D	PRICE
191396	MT-330 120V1P 3000W	FS	005	A	$361.00
310800	MT-330E2 120V1P 3000W	FS	008	A	$594.00
322245	MT-330A 208V1P 3000W	FS	005	A	$361.00
322253	MT-330E2 208V1P 3000W	NS	008	A	$594.00
322261	MT-330A 208V3P 3000W	FS	005	A	$361.00
322270	MT-330E2 208V3P 3000W	NS	008	A	$594.00
191409	MT-330A 240V1P 3000W	FS	005	A	$361.00
288809	MT-330E2 240V1P 3000W	FS	008	A	$594.00
191433	MT-330A 240V3P 3000W	FS	005	A	$361.00
288817	MT-330E2 240V3P 3000W	FS	008	A	$594.00
310818	MT-330E2 480V1P 3000W	FS	008	A	$594.00
191441	MT-330A 480V3P 3000W	FS	005	A	$361.00
191417	MT-330 480V1P 3000W	FS	005	A	$361.00
322288	MT-330E2 480V3P 3000W	FS	008	A	$594.00
063861	MT-330E4TP 120V1P 3kW	FS	008	A	$501.00
063870	MT-330E4TP 240V1P 3kW	FS	008	A	$501.00
063888	MT-330E4TP 480V1P 3kW	FS	008	A	$501.00
063896	MT-330E4TP 240V3P 3kW	FS	008	A	$501.00
063909	MT-330E4TP 480V3P 3kW	FS	008	A	$501.00
063917	MT-330E4TP 208V1P 3kW	FS	008	A	$501.00
063925	MT-330E4TP 208V3P 3kW	FS	008	A	$501.00
191450	MT-337A 120V1P 3750W	FS	006	A	$398.00
310826	MT-337E2 120V1P 3750W	FS	009	A	$632.00
322296	MT-337A 208V1P 3750W	FS	006	A	$398.00
322309	MT-337E2 208V1P 3750W	NS	009	A	$632.00
322317	MT-337A 208V3P 3750W	FS	006	A	$398.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
322325	MT-337E2 208V3P 3750W	NS	009	A	$632.00
191468	MT-337A 240V1P 3750W	FS	006	A	$398.00
288825	MT-337E2 240V1P 3750W	NS	009	A	$632.00
191492	MT-337A 240V3P 3750W	FS	006	A	$398.00
288833	MT-337E2 240V3P 3750W	FS	009	A	$632.00
191476	MT-337A 480V1P 3750W	FS	006	A	$398.00
310834	MT-337E2 480V1P 3750W	FS	009	A	$632.00
191505	MT-337 480V3P 3750W	FS	006	A	$398.00
322333	MT-337E2 480V3P 3750W	FS	009	A	$632.00
063933	MT-337E4TP 120V1P 3.75kW	FS	009	A	$538.00
063941	MT-337E4TP 240V1P 3.75kW	FS	009	A	$538.00
063950	MT-337E4TP 480V1P 3.75kW	FS	009	A	$538.00
063968	MT-337E4TP 240V3P 3.75kW	FS	009	A	$538.00
063976	MT-337E4TP 480V3P 3.75kW	FS	009	A	$538.00
063984	MT-337E4TP 208V1P 3.75kW	FS	009	A	$538.00
063992	MT-337E4TP 208V3P 3.75kW	FS	009	A	$538.00
310842	MT-345E2 120V1P 4500W	FS	009	A	$667.00
191513	MT-345A 120V1P 4500W	FS	006	A	$434.00
322341	MT-345A 208V1P 4500W	FS	006	A	$434.00
322350	MT-345E2 208V1P 4500W	NS	009	A	$667.00
322368	MT-345A 208V3P 4500W	FS	006	A	$434.00
322376	MT-345E2 208V3P 4500W	FS	009	A	$667.00
191521	MT-345A 240V1P 4500W	FS	006	A	$434.00
288841	MT-345E2 240V1P 4500W	NS	009	A	$667.00
191556	MT-345A 240V3P 4500W	FS	006	A	$434.00
288850	MT-345E2 240V3P 4500W	FS	009	A	$667.00
191530	MT-345A 480V1P 4500W	FS	006	A	$434.00
288868	MT-345E2 480V1P 4500W	NS	009	A	$667.00
191564	MT-345A 480V3P 4500W	ST	006	A	$434.00
288876	MT-345E2 480V3P 4500W	FS	009	A	$667.00
064004	MT-345E4TP 120V1P 4.5kW	FS	009	A	$574.00
064012	MT-345E4TP 240V1P 4.5kW	FS	009	A	$574.00
064020	MT-345E4TP 480V1P 4.5kW	FS	009	A	$574.00
064039	MT-345E4TP 240V3P 4.5kW	FS	009	A	$574.00
064047	MT-345E4TP 480V3P 4.5kW	FS	009	A	$574.00
064055	MT-345E4TP 208V1P 4.5kW	FS	009	A	$574.00
064063	MT-345E4TP 208V3P 4.5kW	FS	009	A	$574.00
191572	MT-360A 120V1P 6000W	FS	008	A	$511.00
310850	MT-360E2 120V1P 6000W	NS	011	A	$741.00
322384	MT-360A 208V1P 6000W	FS	008	A	$511.00
322392	MT-360E2 208V1P 6000W	NS	011	A	$744.00
322405	MT-360A 208V3P 6000W	FS	008	A	$511.00
322413	MT-360E2 208V3P 6000W	FS	011	A	$744.00
191580	MT-360A 240V1P 6000W	FS	008	A	$511.00
288884	MT-360E2 240V1P 6000W	FS	011	A	$744.00
191610	MT-360A 240V3P 6000W	ST	008	A	$511.00
288892	MT-360E2 240V3P 6000W	FS	011	A	$745.00
191599	MT-360 480V1P 6000W	FS	008	A	$511.00
288905	MT-360E2 480V1P 6000W	FS	011	A	$745.00
191628	MT-360A 480V3P 6000W	ST	008	A	$511.00
288913	MT-360E2 480V3P 6000W	FS	011	A	$744.00
064071	MT-360E4TP 120V1P 6kW	FS	011	A	$651.00
064080	MT-360E4TP 240V1P 6kW	FS	011	A	$651.00
064098	MT-360E4TP 480V1P 6kW	FS	011	A	$651.00
064100	MT-360E4TP 240V3P 6kW	FS	011	A	$651.00
064119	MT-360E4TP 480V3P 6kW	FS	011	A	$651.00
064127	MT-360E4TP 208V1P 6kW	FS	011	A	$651.00
064135	MT-360E4TP 208V3P 6kW	FS	011	A	$651.00
322421	MT-375A 208V1P 7500W	FS	008	A	$579.00
322430	MT-375E2 208V1P 7500W	FS	011	A	$812.00
322448	MT-375A 208V3P 7500W	FS	008	A	$579.00
322456	MT-375E2 208V3P 7500W	FS	011	A	$812.00
191636	MT-375A 240V1P 7500W	FS	008	A	$579.00
288921	MT-375E2 240V1P 7500W	FS	011	A	$813.00
191652	MT-375A 240V3P 7500W	FS	008	A	$579.00
288930	MT-375E2 240V3P 7500W	FS	011	A	$812.00
191644	MT-375A 480V1P 7500W	FS	008	A	$579.00
288948	MT-375E2 480V1P 7500W	FS	011	A	$813.00
191660	MT-375A 480V3P 7500W	ST	008	A	$579.00
288956	MT-375E2 480V3P 7500W	FS	011	A	$812.00
064143	MT-375E4TP 240V1P 7.5kW	FS	011	A	$719.00
064151	MT-375E4TP 480V1P 7.5kW	FS	011	A	$719.00
064160	MT-375E4TP 240V3P 7.5kW	FS	011	A	$719.00
064178	MT-375E4TP 480V3P 7.5kW	FS	011	A	$719.00
064186	MT-375E4TP 208V1P 7.5kW	FS	011	A	$719.00
064194	MT-375E4TP 208V3P 7.5kW	FS	011	A	$719.00
322464	MT-390A 208V1P 9000W	FS	012	A	$655.00
322472	MT-390E2 208V1P 9000W	NS	015	A	$888.00
322480	MT-390A 208V3P 9000W	FS	012	A	$655.00
322499	MT-390E2 208V3P 9000W	FS	015	A	$888.00
191679	MT-390A 240V1P 9000W	FS	012	A	$655.00
288964	MT-390E2 240V1P 9000W	FS	015	A	$888.00
191695	MT-390A 240V3P 9000W	FS	012	A	$655.00
288972	MT-390E2 240V3P 9000W	FS	015	A	$888.00
191687	MT-390A 480V1P 9000W	FS	012	A	$655.00
288980	MT-390E2 480V1P 9000W	FS	015	A	$888.00
191708	MT-390A 480V3P 9000W	ST	012	A	$655.00
288999	MT-390E2 480V3P 9000W	FS	015	A	$888.00
064207	MT-390E4TP 240V1P 9kW	FS	015	A	$795.00
064215	MT-390E4TP 480V1P 9kW	FS	015	A	$795.00
064223	MT-390E4TP 240V3P 9kW	FS	015	A	$795.00
064231	MT-390E4TP 480V3P 9kW	FS	015	A	$795.00
064240	MT-390E4TP 208V1P 9kW	FS	015	A	$795.00
064258	MT-390E4TP 208V3P 9kW	FS	015	A	$795.00
322501	MT-3120A 208V1P 12000W	NS	012	A	$800.00
322510	MT-3120E2 208V1P 12000W	NS	015	A	$1034.00
322528	MT-3120A 208V3P 12000W	FS	012	A	$800.00
322536	MT-3120E2 208V3P 12000W	FS	015	A	$1034.00
322544	MT-3120A 240V1P 12000W	FS	012	A	$800.00
322552	MT-3120E2 240V1P 12000W	FS	015	A	$1034.00
322560	MT-3120A 240V3P 12000W	FS	012	A	$800.00
322579	MT-3120E2 240V3P 12000W	FS	015	A	$1034.00
322587	MT-3120A 480V1P 12000W	FS	012	A	$800.00
322595	MT-3120E2 480V1P 12000W	FS	015	A	$1034.00
322608	MT-3120A 480V3P 12000W	FS	012	A	$800.00
322616	MT-3120E2 480V3P 12000W	FS	015	A	$1034.00
063693	MT-3120E4TP 208V1P 12kW	FS	015	A	$940.00
063706	MT-3120E4TP 208V3P 12kW	FS	015	A	$940.00
063714	MT-3120E4TP 240V1P 12kW	FS	015	A	$940.00
063722	MT-3120E4TP 240V3P 12kW	FS	015	A	$940.00
063730	MT-3120E4TP 480V1P 12kW	FS	015	A	$940.00
063749	MT-3120E4TP 480V3P 12kW	FS	015	A	$940.00
322624	MT-3150A 208V1P 15000W	FS	013	A	$945.00
322632	MT-3150E2 208V1P 15000W	NS	016	A	$1178.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
322640	MT-3150A 208V3P 15000W	FS	013	A	$945.00
322659	MT-3150E2 208V3P 15000W	NS	016	A	$1178.00
322667	MT-3150A 240V1P 15000W	FS	013	A	$945.00
322675	MT-3150E2 240V1P 15000W	NS	016	A	$1178.00
322683	MT-3150A 240V3P 15000W	FS	012	A	$945.00
322691	MT-3150E2 240V3P 15000W	FS	016	A	$1178.00
322704	MT-3150A 480V1P 15000W	FS	013	A	$945.00
322712	MT-3150E2 480V1P 15000W	FS	016	A	$1178.00
322720	MT-3150A 480V3P 15000W	FS	013	A	$945.00
322739	MT-3150E2 480V3P 15000W	FS	016	A	$1178.00
063757	MT-3150E4TP 208V1P 15kW	FS	016	A	$1085.00
063765	MT-3150E4TP 208V3P 15kW	FS	016	A	$1085.00
063773	MT-3150E4TP 240V1P 15kW	FS	016	A	$1085.00
063781	MT-3150E4TP 240V3P 15kW	FS	016	A	$1085.00
063790	MT-3150E4TP 480V1P 15kW	FS	016	A	$1085.00
063802	MT-3150E4TP 480V3P 15kW	FS	016	A	$1085.00
322747	MT-3180A 208V3P 18000W	FS	015	A	$1090.00
322755	MT-3180E2 208V3P 18000W	NS	018	A	$1323.00
322763	MT-3180A 240V1P 18000W	FS	015	A	$1090.00
322771	MT-3180E2 240V1P 18000W	NS	018	A	$1323.00
322780	MT-3180A 240V3P 18000W	FS	015	A	$1090.00
322798	MT-3180E2 240V3P 18000W	NS	018	A	$1323.00
322800	MT-3180A 480V1P 18000W	FS	015	A	$1090.00
322819	MT-3180E2 480V1P 18000W	FS	018	A	$1323.00
322827	MT-3180A 480V3P 18000W	FS	015	A	$1090.00
322835	MT-3180E2 480V3P 18000W	FS	018	A	$1323.00
063810	MT-3180E4TP 208V3P 18kW	FS	018	A	$1230.00
063829	MT-3180E4TP 240V1P 18kW	FS	018	A	$1230.00
063837	MT-3180E4TP 240V3P 18kW	FS	018	A	$1230.00
063845	MT-3180E4TP 480V1P 18kW	FS	018	A	$1230.00
063853	MT-3180E4TP 480V3P 18kW	FS	018	A	$1230.00

For E4 (moisture resistant) enclosure option see special features section.

MTO IMMERSION HEATERS 444

2-1/2 INCH STEEL

PCN	DESCRIPTION	SS	WT	D	PRICE
191716	MTO-330A 120V1P 3000W	FS	006	A	$551.00
310869	MTO-330E2 120V1P 3000W	FS	009	A	$784.00
322000	MTO-330A 208V1P 3000W	FS	006	A	$551.00
322018	MTO-330E2 208V1P 3000W	FS	009	A	$784.00
322026	MTO-330A 208V3P 3000W	FS	006	A	$551.00
322034	MTO-330E2 208V3P 3000W	FS	009	A	$784.00
191724	MTO-330A 240V1P 3000W	FS	006	A	$551.00
289107	MTO-330E2 240V1P 3000W	FS	009	A	$784.00
191759	MTO-330A 240V3P 3000W	FS	006	A	$551.00
289115	MTO-330E2 240V3P 3000W	FS	009	A	$784.00
191732	MTO-330A 480V1P 3000W	FS	006	A	$551.00
289123	MTO-330E2 480V1P 3000W	FS	009	A	$784.00
191767	MTO-330A 480V3P 3000W	ST	006	A	$551.00
289131	MTO-330E2 480V3P 3000W	ST	009	A	$784.00
064514	MTO-330E4TP 120V1P 3kW	FS	009	A	$691.00
064522	MTO-330E4TP 240V1P 3kW	FS	009	A	$691.00
064530	MTO-330E4TP 480V1P 3kW	FS	009	A	$691.00
064549	MTO-330E4TP 240V3P 3kW	FS	009	A	$691.00
064557	MTO-330E4TP 480V3P 3kW	FS	009	A	$691.00
064565	MTO-330E4TP 208V1P 3kW	FS	009	A	$691.00
064573	MTO-330E4TP 208V3P 3kW	FS	009	A	$691.00
191775	MTO-337A 120V1P 3750W	FS	006	A	$562.00
310877	MTO-337E2 120V1P 3750W	FS	009	A	$822.00
322042	MTO-337A 208V1P 3750W	FS	006	A	$588.00
322050	MTO-337E2 208V1P 3750W	FS	009	A	$821.00
322069	MTO-337A 208V3P 3750W	FS	006	A	$588.00
322077	MTO-337E2 208V3P 3750W	FS	009	A	$821.00
191783	MTO-337A 240V1P 3750W	FS	006	A	$588.00
289140	MTO-337E2 240V1P 3750W	FS	009	A	$821.00
191812	MTO-337A 240V3P 3750W	ST	006	A	$588.00
289158	MTO-337E2 240V3P 3750W	FS	009	A	$821.00
191791	MTO-337A 480V1P 3750W	FS	006	A	$588.00
289166	MTO-337E2 480V1P 3750W	FS	009	A	$821.00
191820	MTO-337A 480V3P 3750W	ST	006	A	$588.00
289174	MTO-337E2 480V3P 3750W	FS	009	A	$821.00
064581	MTO-337E4TP 120V1P 3.75kW	FS	009	A	$728.00
064590	MTO-337E4TP 240V1P 3.75kW	FS	009	A	$728.00
064602	MTO-337E4TP 480V1P 3.75kW	FS	009	A	$728.00
064610	MTO-337E4TP 240V3P 3.75kW	FS	009	A	$728.00
064629	MTO-337E4TP 480V3P 3.75kW	FS	009	A	$728.00
064637	MTO-337E4TP 208V1P 3.75kW	FS	009	A	$728.00
064645	MTO-337E4TP 208V3P 3.75kW	FS	009	A	$728.00
191839	MTO-345A 120V1P 4500W	FS	006	A	$650.00
310885	MTO-345E2 120V1P 4500W	FS	009	A	$883.00
322085	MTO-345A 208V1P 4500W	FS	006	A	$650.00
322093	MTO-345E2 208V1P 4500W	FS	009	A	$884.00
322106	MTO-345A 208V3P 4500W	FS	006	A	$650.00
322114	MTO-345E2 208V3P 4500W	FS	009	A	$883.00
191847	MTO-345A 240V1P 4500W	FS	006	A	$650.00
289182	MTO-345E2 240V1P 4500W	FS	009	A	$883.00
191871	MTO-345A 240V3P 4500W	FS	006	A	$650.00
289190	MTO-345E2 240V3P 4500W	FS	009	A	$883.00
191855	MTO-345A 480V1P 4500W	FS	006	A	$650.00
289203	MTO-345E2 480V1P 4500W	FS	009	A	$883.00
191880	MTO-345A 480V3P 4500W	ST	006	A	$650.00
289211	MTO-345E2 480V3P 4500W	ST	009	A	$883.00
064653	MTO-345E4TP 120V1P 4.5kW	FS	009	A	$790.00
064661	MTO-345E4TP 240V1P 4.5kW	FS	009	A	$790.00
064670	MTO-345E4TP 480V1P 4.5kW	FS	009	A	$790.00
064688	MTO-345E4TP 240V3P 4.5kW	FS	009	A	$790.00
064696	MTO-345E4TP 480V3P 4.5kW	FS	009	A	$790.00
064709	MTO-345E4TP 208V1P 4.5kW	FS	009	A	$790.00
064717	MTO-345E4TP 208V3P 4.5kW	FS	009	A	$790.00
191898	MTO-360A 120V1P 6000W	FS	009	A	$757.00
322122	MTO-360A 208V1P 6000W	FS	009	A	$757.00
310893	MTO-360E2 120V1P 6000W	FS	012	A	$990.00
322130	MTO-360E2 208V1P 6000W	FS	012	A	$990.00
322149	MTO-360A 208V3P 6000W	FS	009	A	$757.00
322157	MTO-360E2 208V3P 6000W	FS	012	A	$990.00
191900	MTO-360A 240V1P 6000W	FS	009	A	$757.00
289220	MTO-360E2 240V1P 6000W	FS	012	A	$990.00
191935	MTO-360A 240V3P 6000W	FS	009	A	$757.00
289238	MTO-360E2 240V3P 6000W	FS	012	A	$990.00
191919	MTO-360A 480V1P 6000W	FS	009	A	$757.00
289246	MTO-360E2 480V1P 6000W	FS	012	A	$990.00
191943	MTO-360A 480V3P 6000W	ST	009	A	$757.00
289254	MTO-360E2 480V3P 6000W	ST	012	A	$990.00
064725	MTO-360E4TP 120V1P 6kW	FS	012	A	$897.00
064733	MTO-360E4TP 240V1P 6kW	FS	012	A	$897.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
064741	MTO-360E4TP 480V1P 6kW	FS	012	A	$897.00
064750	MTO-360E4TP 240V3P 6kW	FS	012	A	$897.00
064768	MTO-360E4TP 480V3P 6kW	FS	012	A	$897.00
064776	MTO-360E4TP 208V1P 6kW	FS	012	A	$897.00
064784	MTO-360E4TP 208V3P 6kW	FS	012	A	$897.00
322165	MTO-375A 208V1P 7500W	FS	010	A	$860.00
322173	MTO-375E2 208V1P 7500W	FS	013	A	$1094.00
322181	MTO-375A 208V3P 7500W	FS	010	A	$860.00
322190	MTO-375E2 208V3P 7500W	FS	013	A	$1094.00
191951	MTO-375A 240V1P 7500W	FS	010	A	$860.00
289262	MTO-375E2 240V1P 7500W	FS	013	A	$1094.00
191978	MTO-375A 240V3P 7500W	FS	010	A	$860.00
289270	MTO-375E2 240V3P 7500W	FS	013	A	$1094.00
191960	MTO-375A 480V1P 7500W	FS	010	A	$860.00
289289	MTO-375E2 480V1P 7500W	FS	013	A	$1094.00
191986	MTO-375A 480V3P 7500W	FS	010	A	$860.00
289297	MTO-375E2 480V3P 7500W	FS	013	A	$1094.00
064792	MTO-375E4TP 240V1P 7.5kW	FS	013	A	$1000.00
064805	MTO-375E4TP 480V1P 7.5kW	FS	013	A	$1000.00
064813	MTO-375E4TP 240V3P 7.5kW	FS	013	A	$1000.00
064821	MTO-375E4TP 480V3P 7.5kW	FS	013	A	$1000.00
064830	MTO-375E4TP 208V1P 7.5kW	FS	013	A	$1000.00
064848	MTO-375E4TP 208V3P 7.5kW	FS	013	A	$1000.00
322202	MTO-390A 208V1P 9000W	FS	011	A	$963.00
322210	MTO-390E2 208V1P 9000W	FS	014	A	$1197.00
322229	MTO-390A 208V3P 9000W	FS	011	A	$963.00
322237	MTO-390E2 208V3P 9000W	FS	014	A	$1197.00
191994	MTO-390A 240V1P 9000W	FS	011	A	$963.00
289300	MTO-390E2 240V1P 9000W	FS	014	A	$1197.00
192014	MTO-390A 240V3P 9000W	ST	011	A	$963.00
289318	MTO-390E2 240V3P 9000W	FS	014	A	$1197.00
192006	MTO-390A 480V1P 9000W	FS	011	A	$963.00
289326	MTO-390E2 480V1P 9000W	FS	014	A	$1197.00
192022	MTO-390A 480V3P 9000W	ST	011	A	$963.00
289334	MTO-390E2 480V3P 9000W	FS	014	A	$1197.00
064856	MTO-390E4TP 240V1P 9kW	FS	014	A	$1103.00
064864	MTO-390E4TP 480V1P 9kW	FS	014	A	$1103.00
064872	MTO-390E4TP 240V3P 9kW	FS	014	A	$1103.00
064880	MTO-390E4TP 480V3P 9kW	FS	014	A	$1103.00
064899	MTO-390E4TP 208V1P 9kW	FS	014	A	$1103.00
064901	MTO-390E4TP 208V3P 9kW	FS	014	A	$1103.00

For E4 (moisture resistant) enclosure option see special features section.

MTO IMMERSION HEATERS 444

2-1/2 INCH STEEL 15 WATTS/SQ IN

324021	MTO-303 240V3P 3000W	NS	006	A	$607.00
324030	MTO-303E2 240V3P 3000W	FS	009	A	$842.00
324048	MTO-303 480V3P 3000W	FS	006	A	$581.00
324056	MTO-303E2 480V3P 3000W	FS	009	A	$841.00
064426	MTO-303E4TP 240V3P 3kW	FS	009	A	$747.00
064434	MTO-303E4TP 480V3P 3kW	FS	009	A	$747.00
324064	MTO-304 240V3P 4000W	FS	009	A	$700.00
324072	MTO-304E2 240V3P 4000W	FS	012	A	$934.00
324080	MTO-304 480V3P 4000W	FS	009	A	$700.00
324099	MTO-304E2 480V3P 4000W	FS	012	A	$934.00
064442	MTO-304E4TP 240V3P 4kW	FS	009	A	$840.00
064450	MTO-304E4TP 480V3P 4kW	FS	009	A	$840.00
324101	MTO-305 240V3P 5000W	FS	010	A	$789.00
324110	MTO-305E2 240V3P 5000W	FS	013	A	$1022.00
064469	MTO-305E4TP 240V3P 5kW	FS	013	A	$929.00
324128	MTO-306 240V3P 6000W	FS	011	A	$878.00
324136	MTO-306E2 240V3P 6000W	FS	014	A	$1111.00
324144	MTO-306 480V3P 6000W	FS	011	A	$878.00
324152	MTO-306E2 480V3P 6000W	FS	014	A	$1111.00
064477	MTO-306E4TP 240V3P 6kW	FS	013	A	$1018.00
064485	MTO-306E4TP 480V3P 6kW	FS	013	A	$1018.00
324160	MTO-307 240V3P 7500W	FS	014	A	$999.00
324179	MTO-307E2 240V3P 7500W	FS	018	A	$1232.00
064493	MTO-307E4TP 240V3P 7.5kW	FS	018	A	$1139.00
324187	MTO-309 240V3P 9000W	FS	015	A	$1124.00
324195	MTO-309E2 240V3P 9000W	FS	018	A	$1358.00
064506	MTO-309E4TP 240V3P 9kW	FS	018	A	$1264.00

For E4 (moisture resistant) enclosure option see special features section.

MTO IMMERSION HEATERS 444

2-1/2 INCH STEEL 6.5 W/SQ IN

178503	MTO-3006 120V1P 600W	NS	005	A	$440.00
178511	MTO-3007 120V1P 750W	FS	005	A	$488.00
036011	MTO-3007E2 120V1P 750W	FS	009	A	$722.00
036020	MTO-3007E2 208V1P 750W	FS	009	A	$722.00
036038	MTO-3007E2 240V1P 750W	FS	009	A	$722.00
036046	MTO-3012E2 120V1P 1200W	FS	009	A	$791.00
036054	MTO-3012E2 208V1P 1200W	FS	009	A	$791.00
036062	MTO-3012E2 240V1P 1200W	FS	009	A	$790.00
036070	MTO-3024E2 208V1P 2500W	FS	009	A	$1012.00
036089	MTO-3024E2 240V1P 2500W	FS	009	A	$1012.00
036097	MTO-3024E2 480V1P 2500W	FS	009	A	$1012.00
178520	MTO-3007 208V1P 750W	FS	005	A	$488.00
178538	MTO-3007 240V1P 750W	FS	005	A	$488.00
178546	MTO-3009 120V1P 900W	NS	006	A	$491.00
178554	MTO-3009 208V1P 900W	NS	006	A	$491.00
178562	MTO-3009 240V1P 900W	NS	006	A	$491.00
178570	MTO-3012 120V1P 1200W	FS	006	A	$556.00
178589	MTO-3012 208V1P 1200W	FS	006	A	$557.00
178597	MTO-3012 240V1P 1200W	FS	006	A	$556.00
178600	MTO-3016 120V1P 1650W	NS	008	A	$617.00
178618	MTO-3016 208V1P 1650W	NS	008	A	$617.00
178626	MTO-3016 240V1P 1650W	NS	008	A	$617.00
178634	MTO-3016 480V1P 1650W	NS	008	A	$617.00
178642	MTO-3021 120V1P 2100W	NS	008	A	$695.00
178650	MTO-3021 208V1P 2100W	NS	008	A	$695.00
178669	MTO-3021 240V1P 2100W	NS	008	A	$695.00
178677	MTO-3021 480V1P 2100W	NS	008	A	$695.00
178685	MTO-3024 208V1P 2500W	FS	012	A	$778.00
178693	MTO-3024 240V1P 2500W	FS	012	A	$778.00
178706	MTO-3024 480V1P 2500W	FS	012	A	$700.00

For E4 (moisture resistant) enclosure option see special features section.

MTS IMMERSION HEATERS 446

2-1/2 INCH STAINLESS

256954	MTS-330A 120V1P 3.0KW	FS	005	A	$678.00
186765	MTS-330A 208V1P 3.0KW	FS	005	A	$678.00
186781	MTS-330A 208V3P 3.0KW	FS	005	A	$678.00
256962	MTS-330A 240V1P 3.0KW	FS	005	A	$678.00
256997	MTS-330A 240V3P 3.0KW	FS	005	A	$678.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
256970	MTS-330A 480V1P 3.0KW	FS	005	A	$678.00
257009	MTS-330A 480V3P 3.0KW	FS	005	A	$678.00
186757	MTS-330E2 120V1P 3.0KW	FS	008	A	$913.00
186773	MTS-330E2 208V1P 3.0KW	FS	008	A	$911.00
186790	MTS-330E2 208V3P 3.0KW	FS	008	A	$913.00
289810	MTS-330E2 240V1P 3.0KW	FS	008	A	$913.00
289828	MTS-330E2 240V3P 3.0KW	FS	008	A	$911.00
310906	MTS-330E2 480V1P 3.0KW	FS	008	A	$911.00
289836	MTS-330E2 480V3P 3.0KW	FS	008	A	$911.00
065090	MTS-330E4TP 208V1P 3kW	FS	008	A	$818.00
065103	MTS-330E4TP 208V3P 3kW	FS	008	A	$818.00
065111	MTS-330E4TP 120V1P 3kW	FS	008	A	$818.00
065120	MTS-330E4TP 240V1P 3kW	FS	008	A	$818.00
065138	MTS-330E4TP 480V1P 3kW	FS	008	A	$818.00
065146	MTS-330E4TP 240V3P 3kW	FS	008	A	$818.00
065154	MTS-330E4TP 480V3P 3kW	FS	008	A	$818.00
258360	MTS-345A 120V1P 4.5KW	FS	006	A	$761.00
192030	MTS-345A 240V1P 4.5KW	FS	006	A	$761.00
186802	MTS-345E2 120V1P 4.5KW	FS	009	A	$996.00
186829	MTS-345E2 208V1P 4.5KW	NS	009	A	$1076.00
186845	MTS-345E2 208V3P 4.5KW	FS	009	A	$994.00
289844	MTS-345E2 240V1P 4.5KW	FS	009	A	$994.00
186810	MTS-345A 208V1P 4.5KW	FS	006	A	$761.00
186837	MTS-345A 208V3P 4.5KW	FS	006	A	$761.00
192049	MTS-345A 240V3P 4.5KW	FS	006	A	$761.00
289852	MTS-345E2 240V3P 4.5KW	FS	009	A	$994.00
258378	MTS-345A 480V1P 4.5KW	FS	006	A	$761.00
289860	MTS-345E2 480V1P 4.5KW	FS	009	A	$994.00
258394	MTS-345A 480V3P 4.5KW	FS	006	A	$761.00
289879	MTS-345E2 480V3P 4.5KW	FS	009	A	$994.00
065162	MTS-345E4TP 208V1P 4.5kW	FS	009	A	$901.00
065170	MTS-345E4TP 208V3P 4.5kW	FS	009	A	$901.00
065189	MTS-345E4TP 240V1P 4.5kW	FS	009	A	$901.00
065197	MTS-345E4TP 240V3P 4.5kW	FS	009	A	$901.00
065200	MTS-345E4TP 120V1P 4.5kW	FS	009	A	$901.00
065218	MTS-345E4TP 480V1P 4.5kW	FS	009	A	$901.00
065226	MTS-345E4TP 480V3P 4.5kW	FS	009	A	$901.00
192057	MTS-360A 120V1P 6.0KW	FS	006	A	$878.00
186861	MTS-360A 208V1P 6.0KW	FS	006	A	$878.00
186888	MTS-360A 208V3P 6.0KW	FS	006	A	$878.00
192065	MTS-360A 240V1P 6.0KW	FS	006	A	$878.00
289887	MTS-360E2 240V1P 6.0KW	FS	009	A	$1111.00
192102	MTS-360A 240V3P 6.0KW	ST	006	A	$878.00
186853	MTS-360E2 120V1P 6.0KW	NS	009	A	$1147.00
186870	MTS-360E2 208V1P 6.0KW	NS	009	A	$1147.00
186896	MTS-360E2 208V3P 6.0KW	FS	009	A	$1111.00
289895	MTS-360E2 240V3P 6.0KW	FS	009	A	$1111.00
192073	MTS-360A 480V1P 6.0KW	FS	006	A	$878.00
289908	MTS-360E2 480V1P 6.0KW	FS	009	A	$1111.00
192110	MTS-360A 480V3P 6.0KW	ST	006	A	$878.00
289916	MTS-360E2 480V3P 6.0KW	ST	009	A	$1111.00
065234	MTS-360E4TP 208V1P 6kW	FS	009	A	$1018.00
065242	MTS-360E4TP 208V3P 6kW	FS	009	A	$1018.00
065250	MTS-360E4TP 120V1P 6kW	FS	009	A	$1018.00
065269	MTS-360E4TP 240V1P 6kW	FS	009	A	$1018.00
065277	MTS-360E4TP 480V1P 6kW	FS	009	A	$1018.00
065285	MTS-360E4TP 240V3P 6kW	FS	009	A	$1018.00
065293	MTS-360E4TP 480V3P 6kW	FS	009	A	$1018.00
186909	MTS-375A 208V1P 7.5KW	FS	006	A	$923.00
186925	MTS-375A 208V3P 7.5KW	FS	006	A	$923.00
192137	MTS-375A 240V1P 7.5KW	FS	006	A	$923.00
192161	MTS-375A 240V3P 7.5KW	FS	006	A	$923.00
186917	MTS-375E2 208V1P 7.5KW	NS	009	A	$1206.00
186933	MTS-375E2 208V3P 7.5KW	NS	009	A	$1206.00
289924	MTS-375E2 240V1P 7.5KW	FS	009	A	$1156.00
289932	MTS-375E2 240V3P 7.5KW	FS	009	A	$1156.00
192145	MTS-375A 480V1P 7.5KW	FS	006	A	$923.00
289940	MTS-375E2 480V1P 7.5KW	FS	009	A	$1156.00
192170	MTS-375A 480V3P 7.5KW	ST	006	A	$923.00
289959	MTS-375E2 480V3P 7.5KW	FS	009	A	$1156.00
065306	MTS-375E4TP 208V1P 7.5kW	FS	009	A	$1054.00
065314	MTS-375E4TP 208V3P 7.5kW	FS	009	A	$1054.00
065322	MTS-375E4TP 240V1P 7.5kW	FS	009	A	$1054.00
065330	MTS-375E4TP 480V1P 7.5kW	FS	009	A	$1054.00
065349	MTS-375E4TP 240V3P 7.5kW	FS	009	A	$1054.00
065357	MTS-375E4TP 480V3P 7.5kW	FS	009	A	$1054.00
186941	MTS-390A 208V1P 9.0KW	FS	007	A	$1031.00
186976	MTS-390A 208V3P 9.0KW	FS	007	A	$1031.00
192196	MTS-390A 240V1P 9.0KW	FS	007	A	$1031.00
192225	MTS-390A 240V3P 9.0KW	FS	007	A	$1031.00
192233	MTS-390A 480V3P 9.0KW	ST	007	A	$1031.00
186950	MTS-390E2 208V1P 9.0KW	NS	010	A	$1265.00
186968	MTS-390E2 208V3P 9.0KW	FS	010	A	$1265.00
192209	MTS-390A 480V1P 9.0KW	FS	007	A	$1031.00
289967	MTS-390E2 240V1P 9.0KW	FS	010	A	$1265.00
289975	MTS-390E2 240V3P 9.0KW	FS	010	A	$1265.00
289983	MTS-390E2 480V1P 9.0KW	FS	010	A	$1265.00
289991	MTS-390E2 480V3P 9.0KW	FS	010	A	$1265.00
065365	MTS-390E4TP 208V1P 9kW	FS	010	A	$1171.00
065373	MTS-390E4TP 208V3P 9kW	FS	010	A	$1171.00
065381	MTS-390E4TP 240V1P 9kW	FS	010	A	$1171.00
065390	MTS-390E4TP 480V1P 9kW	FS	010	A	$1171.00
065402	MTS-390E4TP 240V3P 9kW	FS	010	A	$1171.00
065410	MTS-390E4TP 480V3P 9kW	FS	010	A	$1171.00
186984	MTS-3120A 208V1P 12.0KW	FS	009	A	$1193.00
187004	MTS-3120A 208V3P 12.0KW	FS	009	A	$1193.00
192250	MTS-3120A 240V1P 12.0KW	FS	009	A	$1193.00
186992	MTS-3120E2 208V1P 12.0KW	FS	012	A	$1429.00
187012	MTS-3120E2 208V3P 12.0KW	FS	012	A	$1429.00
290001	MTS-3120E2 240V1P 12.0KW	FS	012	A	$1427.00
192284	MTS-3120A 240V3P 12.0KW	FS	009	A	$1193.00
290010	MTS-3120E2 240V3P 12.0KW	FS	012	A	$1427.00
192268	MTS-3120A 480V1P 12.0KW	FS	009	A	$1193.00
290028	MTS-3120E2 480V1P 12.0KW	FS	012	A	$1427.00
192292	MTS-3120A 480V3P 12.0KW	ST	009	A	$1193.00
290036	MTS-3120E2 480V3P 12.0KW	ST	012	A	$1427.00
064910	MTS-3120E4TP 208V1P 12kW	FS	012	A	$1333.00
064928	MTS-3120E4TP 208V3P 12kW	FS	012	A	$1333.00
064936	MTS-3120E4TP 240V1P 12kW	FS	012	A	$1333.00
064944	MTS-3120E4TP 480V1P 12kW	FS	012	A	$1333.00
064952	MTS-3120E4TP 240V3P 12kW	FS	012	A	$1333.00
064960	MTS-3120E4TP 480V3P 12kW	FS	012	A	$1333.00
187020	MTS-3150A 208V1P 15.0KW	NS	010	A	$1351.00
187047	MTS-3150A 208V3P 15.0KW	FS	010	A	$1351.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
187055	MTS-3150E2 208V3P 15.0KW	FS	013	A	$1584.00
310914	MTS-3150E2 208V1P 15.0KW	NS	013	A	$1585.00
192313	MTS-3150A 240V1P 15.0KW	FS	010	A	$1351.00
290044	MTS-3150E2 240V1P 15.0KW	FS	013	A	$1584.00
192348	MTS-3150A 240V3P 15.0KW	FS	010	A	$1351.00
290052	MTS-3150E2 240V3P 15.0KW	FS	013	A	$1587.00
192321	MTS-3150A 480V1P 15.0KW	FS	010	A	$1351.00
290060	MTS-3150E2 480V1P 15.0KW	FS	013	A	$1584.00
192356	MTS-3150A 480V3P 15.0KW	ST	010	A	$1351.00
290079	MTS-3150E2 480V3P 15.0KW	FS	013	A	$1584.00
064979	MTS-3150E4TP 208V1P 15kW	FS	013	A	$1491.00
064987	MTS-3150E4TP 208V3P 15kW	FS	013	A	$1491.00
064995	MTS-3150E4TP 240V1P 15kW	FS	013	A	$1491.00
065007	MTS-3150E4TP 480V1P 15kW	FS	013	A	$1491.00
065015	MTS-3150E4TP 240V3P 15kW	FS	013	A	$1491.00
065023	MTS-3150E4TP 480V3P 15kW	FS	013	A	$1491.00
187063	MTS-3180A 208V1P 18.0KW	FS	012	A	$1511.00
310930	MTS-3180E2 208V1P 18.0KW	NS	015	A	$1694.00
187080	MTS-3180A 208V3P 18.0KW	FS	012	A	$1509.00
187098	MTS-3180E2 208V3P 18.0KW	FS	015	A	$1744.00
192372	MTS-3180A 240V1P 18.0KW	NS	012	A	$1509.00
290087	MTS-3180E2 240V1P 18.0KW	FS	015	A	$1742.00
192401	MTS-3180A 240V3P 18.0KW	FS	012	A	$1509.00
290095	MTS-3180E2 240V3P 18.0KW	FS	015	A	$1742.00
192380	MTS-3180A 480V1P 18.0KW	FS	012	A	$1509.00
290108	MTS-3180E2 480V1P 18.0KW	FS	015	A	$1742.00
192410	MTS-3180A 480V3P 18.0KW	FS	012	A	$1509.00
290116	MTS-3180E2 480V3P 18.0KW	FS	015	A	$1742.00
065031	MTS-3180E4TP 208V1P 18kW	FS	015	A	$1649.00
065040	MTS-3180E4TP 208V3P 18kW	FS	015	A	$1649.00
065058	MTS-3180E4TP 240V1P 18kW	FS	015	A	$1649.00
065066	MTS-3180E4TP 480V1P 18kW	FS	015	A	$1649.00
065074	MTS-3180E4TP 240V3P 18kW	FS	015	A	$1649.00
065082	MTS-3180E4TP 480V3P 18kW	FS	015	A	$1649.00

For E4 (moisture resistant) enclosure option see special features section.

MTI IMMERSION HEATERS 445

2-1/2 INCH INCOLOY 40 WPSI

187661	MTI-330A 240V3P 3.0KW	FS	005	A	$823.00
187688	MTI-330A 480V3P 3.0KW	FS	005	A	$823.00
187670	MTI-330E2 240V3P 3.0KW	FS	008	A	$1059.00
187696	MTI-330E2 480V3P 3.0KW	FS	008	A	$1056.00
064320	MTI-330E4TP 240V3P 3kW	FS	008	A	$963.00
064338	MTI-330E4TP 480V3P 3kW	FS	008	A	$963.00
187709	MTI-345A 240V3P 4.5KW	FS	006	A	$906.00
187725	MTI-345A 480V3P 4.5KW	FS	006	A	$906.00
187717	MTI-345E2 240V3P 4.5KW	FS	009	A	$1139.00
187733	MTI-345E2 480V3P 4.5KW	FS	009	A	$1139.00
064346	MTI-345E4TP 240V3P 4.5kW	FS	009	A	$1046.00
064354	MTI-345E4TP 480V3P 4.5kW	FS	009	A	$1046.00
187741	MTI-360A 240V3P 6.0KW	FS	006	A	$1033.00
187768	MTI-360A 480V3P 6.0KW	FS	006	A	$1033.00
187750	MTI-360E2 240V3P 6.0KW	FS	009	A	$1266.00
187776	MTI-360E2 480V3P 6.0KW	FS	009	A	$1266.00
064362	MTI-360E4TP 240V3P 6kW	FS	009	A	$1173.00
064370	MTI-360E4TP 480V3P 6kW	FS	009	A	$1173.00
187784	MTI-375A 240V3P 7.5KW	FS	006	A	$1076.00
187805	MTI-375A 480V3P 7.5KW	FS	006	A	$1076.00
187792	MTI-375E2 240V3P 7.5KW	FS	009	A	$1309.00
187813	MTI-375E2 480V3P 7.5KW	FS	009	A	$1309.00
064389	MTI-375E4TP 240V3P 7.5kW	FS	009	A	$1216.00
064397	MTI-375E4TP 480V3P 7.5kW	FS	009	A	$1216.00
187821	MTI-390A 240V3P 9.0KW	FS	007	A	$1188.00
187848	MTI-390A 480V3P 9.0KW	FS	007	A	$1188.00
187830	MTI-390E2 240V3P 9.0KW	FS	010	A	$1421.00
187856	MTI-390E2 480V3P 9.0KW	FS	010	A	$1421.00
064400	MTI-390E4TP 240V3P 9kW	FS	010	A	$1328.00
064418	MTI-390E4TP 480V3P 9kW	FS	010	A	$1328.00
187864	MTI-3120A 240V3P 12.0KW	FS	009	A	$1348.00
187880	MTI-3120A 480V3P 12.0KW	FS	009	A	$1348.00
187872	MTI-3120E2 240V3P 12.0KW	FS	012	A	$1582.00
187899	MTI-3120E2 480V3P 12.0KW	FS	012	A	$1582.00
064266	MTI-3120E4TP 240V3P 12kW	FS	012	A	$1488.00
064274	MTI-3120E4TP 480V3P 12kW	FS	012	A	$1488.00
187901	MTI-3150A 240V3P 15.0KW	FS	010	A	$1328.00
187928	MTI-3150A 480V3P 15.0KW	FS	010	A	$1494.00
187910	MTI-3150E2 240V3P 15.0KW	FS	013	A	$1727.00
187936	MTI-3150E2 480V3P 15.0KW	FS	013	A	$1727.00
064282	MTI-3150E4TP 240V3P 15kW	FS	013	A	$1634.00
064290	MTI-3150E4TP 480V3P 15kW	FS	013	A	$1634.00
187944	MTI-3180A 240V3P 18.0KW	FS	012	A	$1659.00
187960	MTI-3180A 480V3P 18.0KW	FS	012	A	$1659.00
187952	MTI-3180E2 240V3P 18.0KW	FS	015	A	$1892.00
187979	MTI-3180E2 480V3P 18.0KW	FS	015	A	$1892.00
064303	MTI-3180E4TP 240V3P 18kW	FS	015	A	$1799.00
064311	MTI-3180E4TP 480V3P 18kW	FS	015	A	$1799.00

For E4 (moisture resistant) enclosure option see special features section.

ARMT IMMERSION HEATERS 447

2-1/2 IN COPPER WITH THERMO

310957	ARMT-3305T1 120V1P 3KW	FS	006	A	$828.00
190852	ARMT-3305T2 120V1P 3KW	FS	006	A	$827.00
310965	ARMT-3305E2T2 120V1P 3KW	FS	011	A	$1061.00
310973	ARMT-3305E2T1 120V1P 3KW	FS	011	A	$1061.00
320733	ARMT-3305T2 208V1P 3KW	NS	006	A	$827.00
320750	ARMT-3305E2T2 208V1P 3KW	NS	011	A	$1061.00
320741	ARMT-3305T1 208V1P 3KW	NS	006	A	$827.00
320768	ARMT-3305E2T1 208V1P 3KW	NS	011	A	$1061.00
320776	ARMT-3305T2 208V3P 3KW	FS	006	A	$827.00
320792	ARMT-3305E2T2 208V3P 3KW	FS	011	A	$1061.00
320784	ARMT-3305T1 208V3P 3KW	FS	006	A	$827.00
320805	ARMT-3305E2T1 208V3P 3KW	FS	011	A	$1061.00
285819	ARMT-3305T2 240V1P 3KW	FS	011	A	$828.00
285835	ARMT-3305E2T2 240V1P 3KW	FS	011	A	$1061.00
285800	ARMT-3305T1 240V1P 3KW	FS	011	A	$827.00
285827	ARMT-3305E2T1 240V1P 3KW	FS	011	A	$1061.00
274810	ARMT-3305T2 240V3P 3KW	FS	008	A	$827.00
285860	ARMT-3305E2T2 240V3P 3KW	FS	011	A	$1061.00
285843	ARMT-3305T1 240V3P 3KW	FS	011	A	$828.00
285851	ARMT-3305E2T1 240V3P 3KW	FS	011	A	$1061.00
270297	ARMT-3305T2 480V1P 3KW	FS	006	A	$827.00
270300	ARMT-3305T2 480V3P 3KW	FS	006	A	$827.00
310981	ARMT-3305T1 480V1P 3KW	FS	006	A	$828.00
310990	ARMT-3305T1 480V3P 3KW	FS	006	A	$828.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
311001	ARMT-3305E2T2 480V1P 3KW	FS	011	A	$1061.00
311010	ARMT-3305E2T2 480V3P 3KW	FS	011	A	$1061.00
311028	ARMT-3305E2T1 480V1P 3KW	FS	011	A	$1061.00
311036	ARMT-3305E2T1 480V3P 3KW	FS	011	A	$1061.00
190895	ARMT-3375T2 120V1P 3.7KW	FS	006	A	$865.00
311044	ARMT-3375T1 120V1P 3.7KW	FS	006	A	$865.00
311079	ARMT-3375E2T2 120V1P 3.7KW	FS	011	A	$1099.00
311108	ARMT-3375E2T1 120V1P 3.7KW	FS	011	A	$1099.00
320813	ARMT-3375T2 208V1P 3.7KW	NS	006	A	$865.00
320830	ARMT-3375E2T2 208V1P 3.7KW	FS	011	A	$632.00
320821	ARMT-3375T1 208V1P 3.7KW	NS	006	A	$865.00
320848	ARMT-3375E2T1 208V1P 3.7KW	NS	011	A	$632.00
320856	ARMT-3375T2 208V3P 3.7KW	FS	006	A	$865.00
320872	ARMT-3375E2T2 208V3P 3.7KW	NS	011	A	$632.00
320864	ARMT-3375T1 208V3P 3.7KW	NS	006	A	$865.00
320880	ARMT-3375E2T1 208V3P 3.7KW	NS	011	A	$632.00
285886	ARMT-3375T2 240V1P 3.7KW	FS	011	A	$865.00
285907	ARMT-3375E2T2 240V1P 3.7KW	FS	011	A	$1099.00
285878	ARMT-3375T1 240V1P 3.7KW	FS	011	A	$865.00
285894	ARMT-3375E2T1 240V1P 3.7KW	FS	011	A	$1099.00
285923	ARMT-3375T2 240V3P 3.7KW	FS	011	A	$865.00
285940	ARMT-3375E2T2 240V3P 3.7KW	FS	011	A	$1098.00
285915	ARMT-3375T1 240V3P 3.7KW	FS	011	A	$865.00
285931	ARMT-3375E2T1 240V3P 3.7KW	FS	011	A	$1099.00
270350	ARMT-3375T2 480V1P 3.7KW	FS	006	A	$865.00
274829	ARMT-3375T2 480V3P 3.7KW	FS	009	A	$865.00
311052	ARMT-3375T1 480V1P 3.7KW	FS	006	A	$865.00
311060	ARMT-3375T1 480V3P 3.7KW	FS	006	A	$865.00
311087	ARMT-3375E2T2 480V1P 3.7KW	FS	011	A	$1099.00
311095	ARMT-3375E2T2 480V3P 3.7KW	FS	011	A	$1099.00
311116	ARMT-3375E2T1 480V1P 3.7KW	FS	011	A	$1099.00
311124	ARMT-3375E2T1 480V3P 3.7KW	FS	011	A	$1098.00
270377	ARMT-3455T2 120V1P 4.5KW	FS	007	A	$901.00
311132	ARMT-3455T1 120V1P 4.5KW	FS	007	A	$901.00
311140	ARMT-3455E2T2 120V1P 4.5KW	FS	012	A	$1134.00
311159	ARMT-3455E2T1 120V1P 4.5KW	FS	012	A	$1134.00
320899	ARMT-3455T2 208V1P 4.5KW	FS	007	A	$901.00
320910	ARMT-3455E2T2 208V1P 4.5KW	FS	012	A	$1134.00
320901	ARMT-3455T1 208V1P 4.5KW	NS	007	A	$901.00
320928	ARMT-3455E2T1 208V1P 4.5KW	FS	012	A	$1134.00
320936	ARMT-3455T2 208V3P 4.5KW	FS	007	A	$900.00
320952	ARMT-3455E2T2 208V3P 4.5KW	FS	012	A	$1134.00
320944	ARMT-3455T1 208V3P 4.5KW	FS	007	A	$900.00
320960	ARMT-3455E2T1 208V3P 4.5KW	FS	012	A	$1134.00
285966	ARMT-3455T2 240V1P 4.5KW	FS	011	A	$900.00
285982	ARMT-3455E2T2 240V1P 4.5KW	FS	011	A	$1134.00
285958	ARMT-3455T1 240V1P 4.5KW	FS	011	A	$901.00
285974	ARMT-3455E2T1 240V1P 4.5KW	FS	011	A	$1134.00
274837	ARMT-3455T2 240V3P 4.5KW	FS	009	A	$900.00
286010	ARMT-3455E2T2 240V3P 4.5KW	FS	011	A	$1134.00
285990	ARMT-3455T1 240V3P 4.5KW	FS	011	A	$900.00
286002	ARMT-3455E2T1 240V3P 4.5KW	FS	011	A	$1134.00
286037	ARMT-3455T2 480V1P 4.5KW	FS	011	A	$900.00
286053	ARMT-3455E2T2 480V1P 4.5KW	FS	011	A	$1134.00
286029	ARMT-3455T1 480V1P 4.5KW	FS	011	A	$900.00
286045	ARMT-3455E2T1 480V1P 4.5KW	FS	011	A	$1134.00
274845	ARMT-3455T2 480V3P 4.5KW	FS	009	A	$900.00

PCN	DESCRIPTION	SS	WT	D	PRICE
286088	ARMT-3455E2T2 480V3P 4.5KW	FS	011	A	$1134.00
286061	ARMT-3455T1 480V3P 4.5KW	FS	011	A	$901.00
286070	ARMT-3455E2T1 480V3P 4.5KW	FS	011	A	$1134.00
270430	ARMT-3605T2 120V1P 6K	FS	008	A	$978.00
311167	ARMT-3605T1 120V1P 6KW	FS	008	A	$978.00
311175	ARMT-3605E2T2 120V1P 6KW	FS	013	A	$1211.00
311183	ARMT-3605E2T1 120V1P 6KW	FS	013	A	$1211.00
320979	ARMT-3605T2 208V1P 6KW	FS	008	A	$978.00
320995	ARMT-3605E2T2 208V1P 6KW	FS	013	A	$1211.00
320987	ARMT-3605T1 208V1P 6KW	FS	008	A	$978.00
321007	ARMT-3605E2T1 208V1P 6KW	FS	013	A	$1211.00
321015	ARMT-3605T2 208V3P 6KW	FS	008	A	$978.00
321031	ARMT-3605E2T2 208V3P 6KW	FS	013	A	$1211.00
321023	ARMT-3605T1 208V3P 6KW	FS	008	A	$978.00
321040	ARMT-3605E2T1 208V3P 6KW	FS	013	A	$1211.00
286109	ARMT-3605T2 240V1P 6KW	FS	011	A	$978.00
286125	ARMT-3605E2T2 240V1P 6KW	FS	011	A	$1211.00
286096	ARMT-3605T1 240V1P 6KW	FS	011	A	$978.00
286117	ARMT-3605E2T1 240V1P 6KW	FS	011	A	$1211.00
274853	ARMT-3605T2 240V3P 6KW	FS	012	A	$978.00
286150	ARMT-3605E2T2 240V3P 6KW	FS	011	A	$1211.00
286133	ARMT-3605T1 240V3P 6KW	FS	011	A	$978.00
286141	ARMT-3605E2T1 240V3P 6KW	FS	011	A	$1211.00
286176	ARMT-3605T2 480V1P 6KW	FS	011	A	$978.00
286192	ARMT-3605E2T2 480V1P 6KW	FS	011	A	$1211.00
286168	ARMT-3605T1 480V1P 6KW	FS	011	A	$978.00
286184	ARMT-3605E2T2 480V1P 6KW	FS	011	A	$1211.00
286213	ARMT-3605T2 480V3P 6KW	FS	011	A	$978.00
286221	ARMT-3605E2T2 480V3P 6KW	FS	011	A	$1211.00
274896	ARMT-3605E2T1 480V3P 6KW	FS	018	A	$1211.00
286205	ARMT-3605T1 480V3P 6KW	FS	011	A	$978.00
321058	ARMT-3755T2 208V1P 7.5KW	FS	008	A	$1046.00
321074	ARMT-3755E2T2 208V1P 7.5KW	FS	013	A	$1279.00
321066	ARMT-3755T1 208V1P 7.5KW	FS	008	A	$1046.00
321082	ARMT-3755E2T1 208V1P 7.5KW	FS	013	A	$1279.00
321090	ARMT-3755T2 208V3P 7.5KW	FS	008	A	$1046.00
321111	ARMT-3755E2T2 208V3P 7.5KW	FS	013	A	$1279.00
321103	ARMT-3755T1 208V3P 7.5KW	FS	008	A	$1046.00
321120	ARMT-3755E2T1 208V3P 7.5KW	FS	013	A	$1279.00
274861	ARMT-3755T2 240V1P 7.5KW	FS	013	A	$1046.00
286256	ARMT-3755E2T2 240V1P 7.5KW	FS	011	A	$1279.00
286230	ARMT-3755T1 240V1P 7.5KW	FS	011	A	$1046.00
286248	ARMT-3755E2T2 240V1P 7.5KW	FS	011	A	$1279.00
286272	ARMT-3755T2 240V3P 7.5KW	FS	011	A	$1046.00
286299	ARMT-3755E2T2 240V3P 7.5KW	FS	011	A	$1279.00
286264	ARMT-3755T1 240V3P 7.5KW	FS	011	A	$1046.00
286280	ARMT-3755E2T1 240V3P 7.5KW	FS	011	A	$1279.00
286310	ARMT-3755T2 480V1P 7.5KW	FS	011	A	$1046.00
286336	ARMT-3755E2T2 480V1P 7.5KW	FS	011	A	$1279.00
286301	ARMT-3755T1 480V1P 7.5KW	FS	011	A	$1046.00
286328	ARMT-3755E2T1 480V1P 7.5KW	FS	011	A	$1279.00
286352	ARMT-3755T2 480V3P 7.5KW	FS	011	A	$1046.00
286379	ARMT-3755E2T2 480V3P 7.5KW	FS	011	A	$1279.00
286344	ARMT-3755T1 480V3P 7.5KW	FS	011	A	$1046.00
286360	ARMT-3755E2T1 480V3P 7.5KW	FS	011	A	$1279.00
321138	ARMT-3905T2 208V1P 9KW	FS	009	A	$1122.00
321154	ARMT-3905E2T2 208V1P 9KW	FS	014	A	$1355.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
321146	ARMT-3905T1 208V1P 9KW	FS	009	A	$1122.00
321162	ARMT-3905E2T1 208V1P 9KW	FS	014	A	$1355.00
321170	ARMT-3905T2 208V3P 9KW	FS	009	A	$1122.00
321197	ARMT-3905E2T2 208V3P 9KW	FS	014	A	$1355.00
321189	ARMT-3905T1 208V3P 9KW	FS	009	A	$1122.00
321200	ARMT-3905E2T1 208V3P 9KW	FS	014	A	$1355.00
286395	ARMT-3905T2 240V1P 9KW	FS	011	A	$1122.00
286416	ARMT-3905E2T2 240V1P 9KW	FS	011	A	$1355.00
286387	ARMT-3905T1 240V1P 9KW	FS	011	A	$1122.00
286408	ARMT-3905E2T1 240V1P 9KW	FS	011	A	$1355.00
274870	ARMT-3905T2 240V3P 9KW	FS	013	A	$1122.00
286440	ARMT-3905E2T2 240V3P 9KW	FS	011	A	$1355.00
286424	ARMT-3905T1 240V3P 9KW	FS	011	A	$1122.00
286432	ARMT-3905E2T1 240V3P 9KW	FS	011	A	$1355.00
286467	ARMT-3905T2 480V1P 9KW	FS	011	A	$1122.00
286483	ARMT-3905E2T2 480V1P 9KW	FS	011	A	$1355.00
286459	ARMT-3905T1 480V1P 9KW	FS	011	A	$1122.00
286475	ARMT-3905E2T1 480V1P 9KW	FS	011	A	$1355.00
274888	ARMT-3905T2 480V3P 9KW	FS	013	A	$1122.00
286512	ARMT-3905E2T2 480V3P 9KW	FS	011	A	$1355.00
286491	ARMT-3905T1 480V3P 9KW	FS	011	A	$1139.00
286504	ARMT-3905E2T1 480V3P 9KW	FS	011	A	$1355.00
321218	ARMT-31205T2 208V1P 12KW	NS	009	A	$1267.00
321234	ARMT-31205E2T2 208V1P 12KW	NS	014	A	$1500.00
321226	ARMT-31205T1 208V1P 12KW	NS	009	A	$1267.00
321242	ARMT-31205E2T1 208V1P 12KW	NS	014	A	$1500.00
321250	ARMT-31205T2 208V3P 12KW	FS	009	A	$1267.00
321277	ARMT-31205E2T2 208V3P 12KW	FS	014	A	$1500.00
321269	ARMT-31205T1 208V3P 12KW	FS	009	A	$1267.00
321285	ARMT-31205E2T1 208V3P 12KW	FS	014	A	$1500.00
321293	ARMT-31205T2 240V1P 12KW	FS	009	A	$1267.00
321314	ARMT-31205E2T2 240V1P 12KW	FS	014	A	$1500.00
321306	ARMT-31205T1 240V1P 12KW	FS	009	A	$1267.00
321322	ARMT-31205E2T1 240V1P 12KW	FS	014	A	$1500.00
321330	ARMT-31205T2 240V3P 12KW	FS	009	A	$1267.00
321357	ARMT-31205E2T2 240V3P 12KW	FS	014	A	$1500.00
321349	ARMT-31205T1 240V3P 12KW	FS	009	A	$1267.00
321365	ARMT-31205E2T1 240V3P 12KW	FS	014	A	$1500.00
321373	ARMT-31205T2 480V1P 12KW	FS	009	A	$1267.00
321390	ARMT-31205E2T2 480V1P 12KW	NS	014	A	$1500.00
321381	ARMT-31205T1 480V1P 12KW	FS	009	A	$1267.00
321402	ARMT-31205E2T1 480V1P 12KW	NS	014	A	$1500.00
321410	ARMT-31205T2 480V3P 12KW	FS	009	A	$1267.00
321437	ARMT-31205E2T2 480V3P 12KW	FS	014	A	$1500.00
321429	ARMT-31205T1 480V3P 12KW	FS	009	A	$1267.00
321445	ARMT-31205E2T1 480V3P 12KW	FS	014	A	$1500.00
321453	ARMT-31505T2 208V1P 15KW	FS	010	A	$1412.00
321470	ARMT-31505E2T2 208V1P 15KW	NS	015	A	$1645.00
321461	ARMT-31505T1 208V1P 15KW	NS	010	A	$1412.00
321488	ARMT-31505E2T1 208V1P 15KW	NS	015	A	$1645.00
2-1/2" STEEL WITH THERMO 15 WA					
321517	ARMT-31505E2T2 208V3P 15KW	FS	015	A	$1645.00
321509	ARMT-31505T1 208V3P 15KW	FS	010	A	$1412.00
321525	ARMT-31505E2T1 208V3P 15KW	FS	015	A	$1645.00
321533	ARMT-31505T2 240V1P 15KW	FS	010	A	$1412.00
321550	ARMT-31505E2T2 240V1P 15KW	NS	015	A	$1645.00
321541	ARMT-31505T1 240V1P 15KW	NS	010	A	$1412.00

PCN	DESCRIPTION	SS	WT	D	PRICE
321568	ARMT-31505E2T1 240V1P 15KW	FS	015	A	$1645.00
321576	ARMT-31505T2 240V3P 15KW	FS	010	A	$1412.00
321592	ARMT-31505E2T2 240V3P 15KW	FS	015	A	$1645.00
321584	ARMT-31505T1 240V3P 15KW	FS	010	A	$1412.00
321605	ARMT-31505E2T1 240V3P 15KW	NS	015	A	$1645.00
321613	ARMT-31505T2 480V1P 15KW	FS	010	A	$1412.00
321630	ARMT-31505E2T2 480V1P 15KW	NS	015	A	$1645.00
321621	ARMT-31505T1 480V1P 15KW	FS	010	A	$1412.00
321648	ARMT-31505E2T1 480V1P 15KW	NS	015	A	$1645.00
321656	ARMT-31505T2 480V3P 15KW	FS	010	A	$1412.00
321672	ARMT-31505E2T2 480V3P 15KW	FS	015	A	$1645.00
321664	ARMT-31505T1 480V3P 15KW	FS	010	A	$1412.00
321680	ARMT-31505E2T1 480V3P 15KW	FS	015	A	$1645.00
311191	ARMT-31805T2 208V1P 18KW	NS	015	A	$1575.00
311204	ARMT-31805T1 208V1P 18KW	NS	015	A	$1575.00
311212	ARMT-31805E2T2 208V1P 18KW	FS	020	A	$1790.00
311220	ARMT-31805E2T1 208V1P 18KW	FS	020	A	$1790.00
321699	ARMT-31805T2 208V3P 18KW	FS	011	A	$1556.00
321710	ARMT-31805E2T2 208V3P 18KW	FS	016	A	$1790.00
321701	ARMT-31805T1 208V3P 18KW	FS	011	A	$1556.00
321728	ARMT-31805E2T1 208V3P 18KW	NS	016	A	$1790.00
321736	ARMT-31805T2 240V1P 18KW	FS	011	A	$1556.00
321752	ARMT-31805E2T2 240V1P 18KW	NS	016	A	$1790.00
321744	ARMT-31805T1 240V1P 18KW	FS	011	A	$1556.00
321760	ARMT-31805E2T1 240V1P 18KW	FS	016	A	$1790.00
321779	ARMT-31805T2 240V3P 18KW	FS	011	A	$1556.00
321795	ARMT-31805E2T2 240V3P 18KW	FS	016	A	$1790.00
321787	ARMT-31805T1 240V3P 18KW	NS	011	A	$1556.00
321808	ARMT-31805E2T1 240V3P 18KW	NS	016	A	$1790.00
321816	ARMT-31805T2 480V1P 18KW	FS	011	A	$1556.00
321832	ARMT-31805E2T2 480V1P 18KW	FS	016	A	$1790.00
321824	ARMT-31805T1 480V1P 18KW	FS	011	A	$1556.00
321840	ARMT-31805E2T1 480V1P 18KW	NS	016	A	$1790.00
321859	ARMT-31805T2 480V3P 18KW	FS	011	A	$1556.00
321875	ARMT-31805E2T2 480V3P 18KW	FS	016	A	$1790.00
321867	ARMT-31805T1 480V3P 18KW	FS	011	A	$1556.00
321883	ARMT-31805E2T1 480V3P 18KW	FS	016	A	$1790.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTO IMMERSION HEATERS 447

2-1/2 INCH STEEL WITH THERMO

320012	ARMTO-3305T3 208V1P 3KW	FS	009	A	$1018.00
320047	ARMTO-3305E2T3 208V1P 3KW	FS	014	A	$1251.00
320039	ARMTO-3305T1 208V1P 3KW	FS	009	A	$1018.00
320020	ARMTO-3305T2 208V1P 3KW	FS	009	A	$1018.00
320063	ARMTO-3305E2T1 208V1P 3KW	FS	014	A	$1251.00
320055	ARMTO-3305E2T2 208V1P 3KW	FS	014	A	$1251.00
320071	ARMTO-3305T3 208V3P 3KW	FS	009	A	$1018.00
320100	ARMTO-3305E2T3 208V3P 3KW	FS	014	A	$1252.00
320098	ARMTO-3305T1 208V3P 3KW	FS	009	A	$1018.00
320080	ARMTO-3305T2 208V3P 3KW	FS	009	A	$1018.00
320127	ARMTO-3305E2T1 208V3P 3KW	FS	014	A	$1251.00
320119	ARMTO-3305E2T2 208V3P 3KW	FS	014	A	$1251.00
286731	ARMTO-3305T3 240V1P 3KW	FS	011	A	$1018.00
286766	ARMTO-3305E2T3 240V1P 3KW	FS	011	A	$1251.00
286715	ARMTO-3305T1 240V1P 3KW	FS	011	A	$1018.00
286740	ARMTO-3305E2T1 240V1P 3KW	FS	011	A	$1251.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
286723	ARMTO-3305T2 240V1P 3KW	FS	011	A	$1018.00
286758	ARMTO-3305E2T2 240V1P 3KW	FS	011	A	$1251.00
286782	ARMTO-3305T3 240V3P 3KW	FS	011	A	$1019.00
286811	ARMTO-3305E2T3 240V3P 3KW	FS	011	A	$1252.00
286774	ARMTO-3305T1 240V3P 3KW	FS	011	A	$1018.00
286790	ARMTO-3305E2T1 240V3P 3KW	FS	011	A	$1251.00
275135	ARMTO-3305T2 240V3P 3KW	FS	008	A	$1019.00
286803	ARMTO-3305E2T2 240V3P 3KW	FS	011	A	$1251.00
286846	ARMTO-3305T3 480V1P 3KW	FS	011	A	$1019.00
286870	ARMTO-3305E2T3 480V1P 3KW	FS	011	A	$1251.00
286820	ARMTO-3305T1 480V1P 3KW	FS	011	A	$1018.00
286854	ARMTO-3305E2T1 480V1P 3KW	FS	011	A	$1251.00
286838	ARMTO-3305T2 480V1P 3KW	FS	011	A	$1018.00
286862	ARMTO-3305E2T2 480V1P 3KW	FS	011	A	$1251.00
275098	ARMTO-3305T3 480V3P 3KW	FS	008	A	$1018.00
286900	ARMTO-3305E2T3 480V3P 3KW	FS	011	A	$1251.00
286889	ARMTO-3305T1 480V3P 3KW	FS	011	A	$1018.00
286897	ARMTO-3305E2T1 480V3P 3KW	FS	011	A	$1251.00
275127	ARMTO-3305T2 480V3P 3KW	FS	008	A	$1018.00
275186	ARMTO-3305E2T2 480V3P 3KW	ST	014	A	$1251.00
320135	ARMTO-3375T3 208V1P 3.7KW	FS	010	A	$1054.00
320160	ARMTO-3375E2T3 208V1P 3.7KW	FS	015	A	$1288.00
320151	ARMTO-3375T1 208V1P 3.7KW	FS	010	A	$1054.00
320143	ARMTO-3375T2 208V1P 3.7KW	FS	010	A	$1054.00
320186	ARMTO-3375E2T1 208V1P 3.7KW	FS	015	A	$1288.00
320178	ARMTO-3375E2T2 208V1P 3.7KW	FS	015	A	$1288.00
320194	ARMTO-3375T3 208V3P 3.7KW	FS	010	A	$1055.00
320223	ARMTO-3375E2T3 208V3P 3.7KW	FS	015	A	$1289.00
320215	ARMTO-3375T1 208V3P 3.7KW	FS	010	A	$1055.00
320207	ARMTO-3375T2 208V3P 3.7KW	FS	010	A	$1054.00
320240	ARMTO-3375E2T1 208V3P 3.7KW	FS	015	A	$1288.00
320231	ARMTO-3375E2T2 208V3P 3.7KW	FS	015	A	$1288.00
286934	ARMTO-3375T3 240V1P 3.7KW	FS	011	A	$1055.00
286969	ARMTO-3375E2T3 240V1P 3.7KW	FS	011	A	$1289.00
286918	ARMTO-3375T1 240V1P 3.7KW	FS	011	A	$1055.00
286942	ARMTO-3375E2T1 240V1P 3.7KW	FS	011	A	$1288.00
286926	ARMTO-3375T2 240V1P 3.7KW	FS	011	A	$1054.00
286950	ARMTO-3375E2T2 240V1P 3.7KW	FS	011	A	$1288.00
286985	ARMTO-3375T3 240V3P 3.7KW	FS	011	A	$1055.00
287013	ARMTO-3375E2T3 240V3P 3.7KW	FS	011	A	$1289.00
275143	ARMTO-3375T1 240V3P 3.7KW	FS	009	A	$1055.00
286993	ARMTO-3375E2T1 240V3P 3.7KW	FS	011	A	$1289.00
286977	ARMTO-3375T2 240V3P 3.7KW	FS	011	A	$1055.00
287005	ARMTO-3375E2T2 240V3P 3.7KW	FS	011	A	$1289.00
287048	ARMTO-3375T3 480V1P 3.7KW	FS	011	A	$1055.00
287072	ARMTO-3375E2T3 480V1P 3.7KW	FS	011	A	$1288.00
287021	ARMTO-3375T1 480V1P 3.7KW	FS	011	A	$1054.00
287056	ARMTO-3375E2T1 480V1P 3.7KW	FS	011	A	$1288.00
287030	ARMTO-3375T2 480V1P 3.7KW	FS	011	A	$1054.00
287064	ARMTO-3375E2T2 480V1P 3.7KW	FS	011	A	$1288.00
275100	ARMTO-3375T3 480V3P 3.7KW	FS	009	A	$1055.00
287128	ARMTO-3375E2T3 480V3P 3.7KW	FS	011	A	$1288.00
287080	ARMTO-3375T1 480V3P 3.7KW	FS	011	A	$1054.00
287101	ARMTO-3375E2T1 480V3P 3.7KW	FS	011	A	$1288.00
287099	ARMTO-3375T2 480V3P 3.7KW	FS	011	A	$1054.00
287110	ARMTO-3375E2T2 480V3P 3.7KW	FS	011	A	$1288.00
320258	ARMTO-3455T3 208V1P 4.5KW	FS	010	A	$1119.00
320282	ARMTO-3455E2T3 208V1P 4.5KW	FS	016	A	$1352.00
320274	ARMTO-3455T1 208V1P 4.5KW	FS	010	A	$1119.00
320266	ARMTO-3455T2 208V1P 4.5KW	FS	010	A	$1119.00
320303	ARMTO-3455E2T1 208V1P 4.5KW	FS	016	A	$1352.00
320290	ARMTO-3455E2T2 208V1P 4.5KW	FS	016	A	$1352.00
320311	ARMTO-3455T3 208V3P 4.5KW	FS	010	A	$1119.00
320346	ARMTO-3455E2T3 208V3P 4.5KW	FS	016	A	$1352.00
320338	ARMTO-3455T1 208V3P 4.5KW	FS	010	A	$1119.00
320320	ARMTO-3455T2 208V3P 4.5KW	FS	010	A	$1119.00
320362	ARMTO-3455E2T1 208V3P 4.5KW	FS	016	A	$1352.00
320354	ARMTO-3455E2T2 208V3P 4.5KW	FS	016	A	$1352.00
287144	ARMTO-3455T3 240V1P 4.5KW	FS	011	A	$1119.00
287179	ARMTO-3455E2T3 240V1P 4.5KW	FS	011	A	$1352.00
287136	ARMTO-3455T1 240V1P 4.5KW	FS	011	A	$1119.00
287152	ARMTO-3455E2T1 240V1P 4.5KW	FS	011	A	$1352.00
271169	ARMTO-3455T2 240V1P 4.5KW	FS	009	A	$1119.00
287160	ARMTO-3455E2T2 240V1P 4.5KW	FS	011	A	$1352.00
287208	ARMTO-3455T3 240V3P 4.5KW	FS	009	A	$1119.00
287240	ARMTO-3455E2T3 240V3P 4.5KW	FS	011	A	$1352.00
287187	ARMTO-3455T1 240V3P 4.5KW	FS	011	A	$1119.00
287216	ARMTO-3455E2T1 240V3P 4.5KW	FS	011	A	$1352.00
287195	ARMTO-3455T2 240V3P 4.5KW	FS	011	A	$1119.00
287232	ARMTO-3455E2T2 240V3P 4.5KW	FS	011	A	$1352.00
287275	ARMTO-3455T3 480V1P 4.5KW	FS	011	A	$1119.00
287291	ARMTO-3455E2T3 480V1P 4.5KW	FS	011	A	$1352.00
287259	ARMTO-3455T1 480V1P 4.5KW	FS	011	A	$1119.00
287283	ARMTO-3455E2T1 480V1P 4.5KW	FS	011	A	$1352.00
287267	ARMTO-3455T2 480V1P 4.5KW	FS	011	A	$1119.00
275194	ARMTO-3455E2T2 480V1P 4.5KW	FS	015	A	$1352.00
287312	ARMTO-3455T3 480V3P 4.5KW	FS	011	A	$1119.00
287347	ARMTO-3455E2T3 480V3P 4.5KW	FS	011	A	$1352.00
287304	ARMTO-3455T1 480V3P 4.5KW	FS	011	A	$1119.00
287320	ARMTO-3455E2T1 480V3P 4.5KW	ST	011	A	$1352.00
275151	ARMTO-3455T2 480V3P 4.5KW	ST	009	A	$1119.00
287339	ARMTO-3455E2T2 480V3P 4.5KW	ST	011	A	$1352.00
320370	ARMTO-3605T3 208V1P 6KW	FS	011	A	$1225.00
320400	ARMTO-3605E2T3 208V1P 6KW	FS	016	A	$1457.00
320397	ARMTO-3605T1 208V1P 6KW	FS	011	A	$1225.00
320389	ARMTO-3605T2 208V1P 6KW	FS	011	A	$1225.00
320426	ARMTO-3605E2T1 208V1P 6KW	FS	016	A	$1457.00
320418	ARMTO-3605E2T2 208V1P 6KW	FS	016	A	$1457.00
320434	ARMTO-3605T3 208V3P 6KW	FS	011	A	$1224.00
320469	ARMTO-3605E2T3 208V3P 6KW	FS	016	A	$1458.00
320450	ARMTO-3605T1 208V3P 6KW	FS	011	A	$1224.00
320442	ARMTO-3605T2 208V3P 6KW	FS	011	A	$1224.00
320485	ARMTO-3605E2T1 208V3P 6KW	FS	016	A	$1457.00
320477	ARMTO-3605E2T2 208V3P 6KW	FS	016	A	$1457.00
287363	ARMTO-3605T3 240V1P 6KW	FS	011	A	$1225.00
287398	ARMTO-3605E2T3 240V1P 6KW	FS	011	A	$1458.00
287355	ARMTO-3605T1 240V1P 6KW	FS	011	A	$1224.00
287371	ARMTO-3605E2T1 240V1P 6KW	FS	011	A	$1457.00
271177	ARMTO-3605T2 240V1P 6KW	FS	012	A	$1224.00
287427	ARMTO-3605T3 240V3P 6KW	FS	009	A	$1225.00
287380	ARMTO-3605E2T2 240V1P 6KW	FS	011	A	$1457.00
287451	ARMTO-3605E2T3 240V3P 6KW	FS	011	A	$1458.00
287400	ARMTO-3605T1 240V3P 6KW	FS	011	A	$1225.00
287435	ARMTO-3605E2T1 240V3P 6KW	FS	011	A	$1458.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
287419	ARMTO-3605T2 240V3P 6KW	FS	011	A	$1224.00
287443	ARMTO-3605E2T2 240V3P 6KW	FS	011	A	$1457.00
287486	ARMTO-3605T3 480V1P 6KW	FS	011	A	$1225.00
287515	ARMTO-3605E2T3 480V1P 6KW	FS	011	A	$1457.00
287460	ARMTO-3605T1 480V1P 6KW	FS	011	A	$1224.00
287494	ARMTO-3605E2T1 480V1P 6KW	FS	011	A	$1457.00
287478	ARMTO-3605T2 480V1P 6KW	FS	011	A	$1224.00
287507	ARMTO-3605E2T2 480V1P 6KW	FS	011	A	$1457.00
275119	ARMTO-3605T3 480V3P 6KW	FS	012	A	$1224.00
287558	ARMTO-3605E2T3 480V3P 6KW	FS	011	A	$1457.00
287523	ARMTO-3605T1 480V3P 6KW	FS	011	A	$1224.00
287531	ARMTO-3605E2T1 480V3P 6KW	FS	011	A	$1457.00
275160	ARMTO-3605T2 480V3P 6KW	FS	012	A	$1224.00
287540	ARMTO-3605E2T2 480V3P 6KW	FS	011	A	$1457.00
320493	ARMTO-3755T3 208V1P 7.5KW	FS	012	A	$1328.00
320522	ARMTO-3755E2T3 208V1P 7.5KW	FS	017	A	$1561.00
320514	ARMTO-3755T1 208V1P 7.5KW	FS	012	A	$1328.00
320506	ARMTO-3755T2 208V1P 7.5KW	FS	012	A	$1328.00
320549	ARMTO-3755E2T1 208V1P 7.5KW	FS	017	A	$1560.00
320530	ARMTO-3755E2T2 208V1P 7.5KW	FS	017	A	$1560.00
320557	ARMTO-3755T3 208V3P 7.5KW	FS	012	A	$1328.00
320581	ARMTO-3755E2T3 208V3P 7.5KW	FS	017	A	$1561.00
320573	ARMTO-3755T1 208V3P 7.5KW	FS	012	A	$1328.00
320565	ARMTO-3755T2 208V3P 7.5KW	FS	012	A	$1327.00
320602	ARMTO-3755E2T1 208V3P 7.5KW	FS	017	A	$1560.00
320590	ARMTO-3755E2T2 208V3P 7.5KW	FS	017	A	$1560.00
287582	ARMTO-3755T3 240V1P 7.5KW	FS	011	A	$1328.00
287611	ARMTO-3755E2T3 240V1P 7.5KW	FS	011	A	$1561.00
287566	ARMTO-3755T1 240V1P 7.5KW	FS	011	A	$1328.00
287590	ARMTO-3755E2T1 240V1P 7.5KW	FS	011	A	$1560.00
287574	ARMTO-3755T2 240V1P 7.5KW	FS	011	A	$1328.00
287603	ARMTO-3755E2T2 240V1P 7.5KW	FS	011	A	$1561.00
287646	ARMTO-3755T3 240V3P 7.5KW	FS	011	A	$1328.00
287670	ARMTO-3755E2T3 240V3P 7.5KW	FS	011	A	$1561.00
287620	ARMTO-3755T1 240V3P 7.5KW	FS	011	A	$1328.00
287654	ARMTO-3755E2T1 240V3P 7.5KW	FS	011	A	$1560.00
287638	ARMTO-3755T2 240V3P 7.5KW	FS	011	A	$1327.00
287662	ARMTO-3755E2T2 240V3P 7.5KW	FS	011	A	$1560.00
287700	ARMTO-3755T3 480V1P 7.5KW	FS	011	A	$1328.00
287734	ARMTO-3755E2T3 480V1P 7.5KW	FS	011	A	$1560.00
287689	ARMTO-3755T1 480V1P 7.5KW	NS	011	A	$1328.00
287718	ARMTO-3755E2T1 480V1P 7.5KW	FS	011	A	$1560.00
287697	ARMTO-3755T2 480V1P 7.5KW	FS	011	A	$1328.00
287726	ARMTO-3755E2T2 480V1P 7.5KW	FS	011	A	$1560.00
287750	ARMTO-3755T3 480V3P 7.5KW	FS	011	A	$1328.00
275207	ARMTO-3755E2T3 480V3P 7.5KW	FS	019	A	$1560.00
287742	ARMTO-3755T1 480V3P 7.5KW	FS	011	A	$1327.00
287769	ARMTO-3755E2T1 480V3P 7.5KW	FS	011	A	$1560.00
275178	ARMTO-3755T2 480V3P 7.5KW	FS	013	A	$1327.00
287777	ARMTO-3755E2T2 480V3P 7.5KW	FS	011	A	$1560.00
320610	ARMTO-3905T3 208V1P 9KW	FS	013	A	$1430.00
320645	ARMTO-3905E2T3 208V1P 9KW	FS	019	A	$1664.00
320637	ARMTO-3905T1 208V1P 9KW	FS	013	A	$1431.00
320629	ARMTO-3905T2 208V1P 9KW	FS	013	A	$1431.00
320661	ARMTO-3905E2T1 208V1P 9KW	FS	019	A	$1664.00
320653	ARMTO-3905E2T2 208V1P 9KW	FS	019	A	$1664.00
320670	ARMTO-3905T3 208V3P 9KW	NS	013	A	$1431.00
320709	ARMTO-3905E2T3 208V3P 9KW	FS	019	A	$1663.00
320696	ARMTO-3905T1 208V3P 9KW	FS	013	A	$1431.00
320688	ARMTO-3905T2 208V3P 9KW	FS	013	A	$1431.00
320725	ARMTO-3905E2T1 208V3P 9KW	FS	019	A	$1663.00
320717	ARMTO-3905E2T2 208V3P 9KW	FS	019	A	$1663.00
287806	ARMTO-3905T3 240V1P 9KW	FS	011	A	$1431.00
287830	ARMTO-3905E2T3 240V1P 9KW	FS	011	A	$1664.00
287785	ARMTO-3905T1 240V1P 9KW	FS	011	A	$1431.00
287814	ARMTO-3905E2T1 240V1P 9KW	FS	011	A	$1664.00
287793	ARMTO-3905T2 240V1P 9KW	FS	011	A	$1431.00
287822	ARMTO-3905E2T2 240V1P 9KW	FS	011	A	$1663.00
287865	ARMTO-3905T3 240V3P 9KW	FS	011	A	$1430.00
287890	ARMTO-3905E2T3 240V3P 9KW	FS	011	A	$1664.00
287849	ARMTO-3905T1 240V3P 9KW	FS	011	A	$1430.00
287873	ARMTO-3905E2T1 240V3P 9KW	FS	011	A	$1664.00
287857	ARMTO-3905T2 240V3P 9KW	FS	011	A	$1430.00
287881	ARMTO-3905E2T2 240V3P 9KW	FS	011	A	$1664.00
287929	ARMTO-3905T3 480V1P 9KW	FS	011	A	$1431.00
287937	ARMTO-3905E2T1 480V1P 9KW	FS	011	A	$1663.00
287910	ARMTO-3905T2 480V1P 9KW	FS	011	A	$1430.00
287945	ARMTO-3905E2T2 480V1P 9KW	FS	011	A	$1663.00
287902	ARMTO-3905T1 480V1P 9KW	FS	011	A	$1431.00
287953	ARMTO-3905E2T3 480V1P 9KW	FS	011	A	$1663.00
287988	ARMTO-3905T3 480V3P 9KW	FS	011	A	$1430.00
288016	ARMTO-3905E2T3 480V3P 9KW	FS	011	A	$1663.00
287961	ARMTO-3905T1 480V3P 9KW	FS	011	A	$1430.00
287996	ARMTO-3905E2T1 480V3P 9KW	FS	011	A	$1663.00
287970	ARMTO-3905T2 480V3P 9KW	FS	011	A	$1430.00
288008	ARMTO-3905E2T2 480V3P 9KW	ST	011	A	$1663.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTO IMMERSION HEATERS 447

2-1/2 STEEL WITH THERMO, 15 WATTS/SQ IN

324988	ARMTO-303T3 240V3P 3KW	FS	010	A	$1076.00
325470	ARMTO-309T2 240V3P 9KW	FS	015	A	$1591.00
324996	ARMTO-303T2 240V3P 3KW	FS	010	A	$1076.00
325008	ARMTO-303T1 240V3P 3KW	FS	010	A	$1076.00
325016	ARMTO-303E2T3 240V3P 3KW	FS	016	A	$1309.00
325024	ARMTO-303E2T2 240V3P 3KW	FS	016	A	$1309.00
325032	ARMTO-303E2T1 240V3P 3KW	FS	016	A	$1309.00
325040	ARMTO-303T3 480V3P 3KW	FS	010	A	$1076.00
325059	ARMTO-303T2 480V3P 3KW	FS	010	A	$1076.00
325067	ARMTO-303T1 480V3P 3KW	FS	010	A	$1076.00
325075	ARMTO-303E2T3 480V3P 3KW	FS	016	A	$1309.00
325083	ARMTO-303E2T2 480V3P 3KW	FS	016	A	$1309.00
325091	ARMTO-303E2T1 480V3P 3KW	FS	016	A	$1309.00
325104	ARMTO-304T3 240V3P 4KW	FS	011	A	$1167.00
325112	ARMTO-304T2 240V3P 4KW	FS	011	A	$1167.00
325120	ARMTO-304T1 240V3P 4KW	FS	011	A	$1168.00
325139	ARMTO-304E2T3 240V3P 4KW	FS	016	A	$1400.00
325147	ARMTO-304E2T2 240V3P 4KW	FS	016	A	$1400.00
325155	ARMTO-304E2T1 240V3P 4KW	FS	016	A	$1400.00
325163	ARMTO-304T3 480V3P 4KW	FS	011	A	$1167.00
325171	ARMTO-304T2 480V3P 4KW	FS	011	A	$1167.00
325180	ARMTO-304T1 480V3P 4KW	FS	011	A	$1167.00
325198	ARMTO-304E2T3 480V3P 4KW	FS	016	A	$1400.00
325200	ARMTO-304E2T2 480V3P 4KW	FS	016	A	$1400.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
325219	ARMTO-304E2T1 480V3P 4KW	FS	016	A	$1400.00
325227	ARMTO-305T3 240V3P 5KW	FS	012	A	$1257.00
325235	ARMTO-305T2 240V3P 5KW	FS	012	A	$1256.00
325243	ARMTO-305T1 240V3P 5KW	FS	012	A	$1256.00
325251	ARMTO-305E2T3 240V3P 5KW	FS	017	A	$1490.00
325260	ARMTO-305E2T2 240V3P 5KW	FS	017	A	$1489.00
325278	ARMTO-305E2T1 240V3P 5KW	FS	017	A	$1489.00
325286	ARMTO-306T3 240V3P 6KW	FS	013	A	$1345.00
325294	ARMTO-306T2 240V3P 6KW	FS	013	A	$1346.00
325307	ARMTO-306T1 240V3P 6KW	FS	013	A	$1345.00
325315	ARMTO-306E2T3 240V3P 6KW	FS	019	A	$1579.00
325323	ARMTO-306E2T2 240V3P 6KW	FS	019	A	$1578.00
325331	ARMTO-306E2T1 240V3P 6KW	FS	019	A	$1578.00
325340	ARMTO-306T3 480V3P 6KW	FS	013	A	$1345.00
325358	ARMTO-306T2 480V3P 6KW	FS	013	A	$1345.00
325366	ARMTO-306T1 480V3P 6KW	FS	013	A	$1345.00
325374	ARMTO-306E2T3 480V3P 6KW	FS	019	A	$1578.00
325382	ARMTO-306E2T2 480V3P 6KW	FS	019	A	$1578.00
325390	ARMTO-306E2T1 480V3P 6KW	FS	019	A	$1578.00
325403	ARMTO-307T3 240V3P 7.5KW	FS	014	A	$1466.00
325411	ARMTO-307T2 240V3P 7.5KW	FS	014	A	$1466.00
325420	ARMTO-307T1 240V3P 7.5KW	FS	014	A	$1466.00
325438	ARMTO-307E2T3 240V3P 7.5KW	FS	020	A	$1699.00
325446	ARMTO-307E2T2 240V3P 7.5KW	FS	020	A	$1699.00
325454	ARMTO-307E2T1 240V3P 7.5KW	FS	020	A	$1699.00
325462	ARMTO-309T3 240V3P 9KW	FS	015	A	$1592.00
325489	ARMTO-309T1 240V3P 9KW	FS	015	A	$1591.00
325497	ARMTO-309E2T3 240V3P 9KW	FS	021	A	$1824.00
325500	ARMTO-309E2T2 240V3P 9KW	FS	021	A	$1824.00
325518	ARMTO-309E2T1 240V3P 9KW	FS	021	A	$1824.00

For E4 (moisture resistant) enclosure option see special features section.

ARMTO IMMERSION HEATERS 447

2 INCH STEEL WITH THERMO, 6.5 WATTS/SQ INCH

178870	ARMTO-3006T3 120V 1P 0.60KW	NS	008	A	$947.00
178888	ARMTO-3007T3 120V 1P 0.75KW	FS	008	A	$955.00
036100	ARMTO-3007T2 120V1P 0.75KW	FS	008	A	$955.00
036118	ARMTO-3007T2 208V1P 0.75KW	FS	008	A	$955.00
036126	ARMTO-3007T2 240V1P 0.75KW	FS	008	A	$955.00
036134	ARMTO-3012T2 120V1P 1.2KW	FS	008	A	$1023.00
036142	ARMTO-3012T2 208V1P 1.2KW	FS	008	A	$1024.00
036150	ARMTO-3012T2 240V1P 1.2KW	FS	008	A	$1023.00
036169	ARMTO-3024T2 120V1P 2.5KW	FS	008	A	$1245.00
036177	ARMTO-3024T2 208V1P 2.5KW	FS	008	A	$1245.00
036185	ARMTO-3024T2 240V1P 2.5KW	FS	008	A	$1245.00
036193	ARMTO-3007T1 120V1P 0.75KW	FS	008	A	$955.00
036206	ARMTO-3007T1 208V1P 0.75KW	FS	008	A	$955.00
036214	ARMTO-3007T1 240V1P 0.75KW	FS	008	A	$955.00
036222	ARMTO-3012T1 120V1P 1.2KW	FS	008	A	$1023.00
036230	ARMTO-3012T1 208V1P 1.2KW	FS	008	A	$1024.00
036249	ARMTO-3012T1 240V1P 1.2KW	FS	008	A	$1024.00
036257	ARMTO-3024T1 120V1P 2.5KW	FS	008	A	$1245.00
036265	ARMTO-3024T1 208V1P 2.5KW	FS	008	A	$1245.00
036273	ARMTO-3024T1 240V1P 2.5KW	FS	008	A	$1245.00
178896	ARMTO-3007T3 208V1P 0.7KW	FS	008	A	$955.00
178909	ARMTO-3007T3 240V1P 0.7KW	FS	008	A	$955.00
178917	ARMTO-3009T3 120V1P 0.9KW	NS	009	A	$999.00
178925	ARMTO-3009T3 208V1P 0.9KW	NS	009	A	$999.00
178933	ARMTO-3009T3 240V1P 0.9KW	NS	009	A	$999.00
178941	ARMTO-3012T3 120V1P 1.2KW	FS	009	A	$1023.00
178950	ARMTO-3012T3 208V1P 1.2KW	FS	009	A	$1023.00
178968	ARMTO-3012T3 240V1P 1.2KW	FS	009	A	$1023.00
178976	ARMTO-3016T3 120V1P 1.6KW	NS	012	A	$1117.00
178984	ARMTO-3016T3 208V1P 1.6KW	NS	012	A	$1117.00
178992	ARMTO-3016T3 240V1P 1.6KW	NS	012	A	$1117.00
179004	ARMTO-3021T3 120V1P 2.1KW	NS	013	A	$1200.00
179012	ARMTO-3021T3 208V1P 2.1KW	NS	013	A	$1200.00
179020	ARMTO-3021T3 240V1P 2.1KW	NS	013	A	$1200.00
179039	ARMTO-3021T3 480V1P 2.1KW	NS	013	A	$1200.00
179047	ARMTO-3024T3 208V1P 2.4KW	FS	014	A	$1245.00
179055	ARMTO-3024T3 240V1P 2.4KW	FS	014	A	$1245.00
179063	ARMTO-3024T3 480V1P 2.4KW	FS	014	A	$1245.00

2-1/2 INCH STAINLESS STEEL W/ THERMO

187100	ARMTS-3305T2 208V3P 3KW	FS	008	A	$1149.00
184786	ARMTS-3305T2 240V3P 3KW	FS	008	A	$1149.00
187127	ARMTS-3305E2T2 208V3P 3KW	FS	013	A	$1382.00
184807	ARMTS-3305E2T2 240V3P 3KW	FS	013	A	$1382.00
187119	ARMTS-3305T1 208V3P 3KW	FS	008	A	$1149.00
184823	ARMTS-3305T1 240V3P 3KW	FS	008	A	$1149.00
187135	ARMTS-3305E2T1 208V3P 3KW	FS	013	A	$1382.00
184840	ARMTS-3305E2T1 240V3P 3KW	FS	013	A	$1382.00
184794	ARMTS-3305T2 480V3P 3KW	FS	008	A	$1149.00
184815	ARMTS-3305E2T2 480V3P 3KW	FS	013	A	$1395.00
184831	ARMTS-3305T1 480V3P 3KW	FS	008	A	$1149.00
184858	ARMTS-3305E2T1 480V3P 3KW	FS	013	A	$1382.00
187143	ARMTS-3455T2 208V3P 4.5KW	FS	008	A	$1232.00
184866	ARMTS-3455T2 240V3P 4.5KW	FS	008	A	$1232.00
187160	ARMTS-3455E2T2 208V3P 4.5KW	FS	014	A	$1465.00
184882	ARMTS-3455E2T2 240V3P 4.5KW	FS	014	A	$1465.00
187151	ARMTS-3455T1 208V3P 4.5KW	FS	008	A	$1232.00
187178	ARMTS-3455E2T1 208V3P 4.5KW	FS	014	A	$1465.00
184903	ARMTS-3455T1 240V3P 4.5KW	FS	008	A	$1232.00
184920	ARMTS-3455E2T1 240V3P 4.5KW	FS	014	A	$1465.00
184874	ARMTS-3455T2 480V3P 4.5KW	FS	008	A	$1232.00
184890	ARMTS-3455E2T2 480V3P 4.5KW	FS	014	A	$1465.00
184911	ARMTS-3455T1 480V3P 4.5KW	FS	008	A	$1232.00
184938	ARMTS-3455E2T1 480V3P 4.5KW	FS	014	A	$1465.00
187186	ARMTS-3605T2 208V3P 6KW	FS	009	A	$1349.00
187215	ARMTS-3605E2T1 208V3P 6KW	FS	014	A	$1582.00
184946	ARMTS-3605T2 240V3P 6KW	FS	009	A	$1349.00
187207	ARMTS-3605E2T2 208V3P 6KW	FS	014	A	$1582.00
184962	ARMTS-3605E2T2 240V3P 6KW	FS	014	A	$1582.00
187194	ARMTS-3605T1 208V3P 6KW	NS	009	A	$1349.00
184989	ARMTS-3605T1 240V3P 6KW	FS	009	A	$1349.00
185009	ARMTS-3605E2T1 240V3P 6KW	FS	014	A	$1582.00
184955	ARMTS-3605T2 480V3P 6KW	FS	009	A	$1349.00
184970	ARMTS-3605E2T2 480V3P 6KW	FS	014	A	$1582.00
184997	ARMTS-3605T1 480V3P 6KW	FS	009	A	$1349.00
185017	ARMTS-3605E2T1 480V3P 6KW	FS	014	A	$1582.00
187223	ARMTS-3755T2 208V3P 7.5KW	FS	010	A	$1389.00
185025	ARMTS-3755T2 240V3P 7.5KW	FS	010	A	$1389.00
187240	ARMTS-3755E2T2 208V3P 7.5KW	FS	015	A	$1623.00
185041	ARMTS-3755E2T2 240V3P 7.5KW	FS	015	A	$1623.00
187231	ARMTS-3755T1 208V3P 7.5KW	FS	010	A	$1389.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
185068	ARMTS-3755T1 240V3P 7.5KW	FS	010	A	$1389.00
187258	ARMTS-3755E2T1 208V3P 7.5KW	FS	015	A	$1623.00
185084	ARMTS-3755E2T1 240V3P 7.5KW	FS	015	A	$1623.00
185033	ARMTS-3755T2 480V3P 7.5KW	FS	010	A	$1389.00
185050	ARMTS-3755E2T2 480V3P 7.5KW	FS	015	A	$1623.00
185076	ARMTS-3755T1 480V3P 7.5KW	FS	010	A	$1389.00
185092	ARMTS-3755E2T1 480V3P 7.5KW	FS	015	A	$1623.00
187266	ARMTS-3905T2 208V3P 9KW	FS	010	A	$1498.00
185105	ARMTS-3905T2 240V3P 9KW	FS	010	A	$1498.00
187282	ARMTS-3905E2T2 208V3P 9KW	FS	016	A	$1731.00
185121	ARMTS-3905E2T2 240V3P 9KW	FS	016	A	$1731.00
187274	ARMTS-3905T1 208V3P 9KW	FS	010	A	$1498.00
185148	ARMTS-3905T1 240V3P 9KW	FS	010	A	$1498.00
187290	ARMTS-3905E2T1 208V3P 9KW	FS	016	A	$1731.00
185164	ARMTS-3905E2T1 240V3P 9KW	FS	016	A	$1731.00
185113	ARMTS-3905T2 480V3P 9KW	FS	010	A	$1498.00
185130	ARMTS-3905E2T2 480V3P 9KW	FS	016	A	$1731.00
185156	ARMTS-3905T1 480V3P 9KW	FS	010	A	$1498.00
185172	ARMTS-3905E2T1 480V3P 9KW	FS	016	A	$1731.00
187303	ARMTS-3120T2 208V3P 12KW	FS	011	A	$1692.00
185180	ARMTS-3120T2 240V3P 12KW	FS	011	A	$1664.00
187320	ARMTS-3120E2T2 208V3P 12KW	FS	016	A	$1898.00
185201	ARMTS-3120E2T2 240V3P 12KW	FS	016	A	$1898.00
187311	ARMTS-3120T1 208V3P 12KW	NS	011	A	$1692.00
185228	ARMTS-3120T1 240V3P 12KW	FS	011	A	$1664.00
187338	ARMTS-3120E2T1 208V3P 12KW	FS	016	A	$1898.00
185244	ARMTS-3120E2T1 240V3P 12KW	FS	016	A	$1898.00
185199	ARMTS-3120T2 480V3P 12KW	FS	011	A	$1664.00
185210	ARMTS-3120E2T2 480V3P 12KW	FS	016	A	$1898.00
185236	ARMTS-3120T1 480V3P 12KW	FS	011	A	$1664.00
185252	ARMTS-3120E2T1 480V3P 12KW	FS	016	A	$1898.00
187346	ARMTS-3150T2 208V3P 15KW	FS	012	A	$1822.00
185260	ARMTS-3150T2 240V3P 15KW	FS	012	A	$1822.00
187362	ARMTS-3150E2T2 208V3P 15KW	FS	017	A	$2055.00
185287	ARMTS-3150E2T2 240V3P 15KW	FS	017	A	$2055.00
187354	ARMTS-3150T1 208V3P 15KW	NS	012	A	$1822.00
185308	ARMTS-3150T1 240V3P 15KW	FS	012	A	$1822.00
187370	ARMTS-3150E2T1 208V3P 15KW	NS	017	A	$2055.00
185324	ARMTS-3150E2T1 240V3P 15KW	FS	017	A	$2055.00
185279	ARMTS-3150T2 480V3P 15KW	FS	012	A	$1822.00
185295	ARMTS-3150E2T2 480V3P 15KW	FS	017	A	$2055.00
185316	ARMTS-3150T1 480V3P 15KW	FS	012	A	$1822.00
185332	ARMTS-3150E2T1 480V3P 15KW	FS	017	A	$2055.00
187389	ARMTS-3180T2 208V3P 18KW	FS	013	A	$1980.00
185340	ARMTS-3180T2 240V3P 18KW	FS	013	A	$1980.00
187400	ARMTS-3180E2T2 208V3P 18KW	FS	019	A	$2213.00
185367	ARMTS-3180E2T2 240V3P 18KW	FS	019	A	$2213.00
187397	ARMTS-3180T1 208V3P 18KW	NS	013	A	$1980.00
185383	ARMTS-3180T1 240V3P 18KW	FS	013	A	$1980.00
187418	ARMTS-3180E2T1 208V3P 18KW	FS	019	A	$2213.00
185404	ARMTS-3180E2T1 240V3P 18KW	FS	019	A	$2213.00
185359	ARMTS-3180T2 480V3P 18KW	FS	013	A	$1980.00
185375	ARMTS-3180E2T2 480V3P 18KW	FS	019	A	$2213.00
185391	ARMTS-3180T1 480V3P 18KW	FS	013	A	$1980.00
185412	ARMTS-3180E2T1 480V3P 18KW	FS	019	A	$2213.00

For E4 (moisture resistant) enclosure option see special features section.

PCN	DESCRIPTION	SS	WT	D	PRICE
	ARMTI IMMERSION HEATERS 447				
	2-1/2 INCH INCOLOY, 40 WPSI W/ THERMO				
188787	ARMTI-3305T2 240V3P 3KW	FS	008	A	$1295.00
188824	ARMTI-3305T2 480V3P 3KW	FS	008	A	$271.00
188808	ARMTI-3305E2T2 240V3P 3KW	FS	013	A	$1528.00
188840	ARMTI-3305E2T2 480V3P 3KW	FS	013	A	$1528.00
188795	ARMTI-3305T1 240V3P 3KW	FS	008	A	$1295.00
188832	ARMTI-3305T1 480V3P 3KW	FS	008	A	$1295.00
188816	ARMTI-3305E2T1 240V3P 3KW	FS	013	A	$1528.00
188859	ARMTI-3305E2T1 480V3P 3KW	FS	013	A	$1528.00
188867	ARMTI-3455T2 240V3P 4.5KW	FS	008	A	$1377.00
188904	ARMTI-3455T2 480V3P 4.5KW	FS	008	A	$1377.00
188883	ARMTI-3455E2T2 240V3P 4.5KW	FS	014	A	$1610.00
188920	ARMTI-3455E2T2 480V3P 4.5KW	FS	014	A	$1610.00
188875	ARMTI-3455T1 240V3P 4.5KW	FS	008	A	$1377.00
188912	ARMTI-3455T1 480V3P 4.5KW	FS	008	A	$1377.00
188891	ARMTI-3455E2T1 240V3P 4.5KW	FS	014	A	$1610.00
188939	ARMTI-3455E2T1 480V3P 4.5KW	FS	014	A	$1610.00
188947	ARMTI-3605T2 240V3P 6KW	FS	009	A	$1504.00
188980	ARMTI-3605T2 480V3P 6KW	FS	009	A	$1504.00
188963	ARMTI-3605E2T2 240V3P 6KW	FS	014	A	$1740.00
189000	ARMTI-3605E2T2 480V3P 6KW	FS	014	A	$1738.00
188971	ARMTI-3605E2T1 240V3P 6KW	FS	014	A	$1740.00
189018	ARMTI-3605E2T1 480V3P 6KW	FS	014	A	$1738.00
188955	ARMTI-3605T1 240V3P 6KW	FS	009	A	$1507.00
188998	ARMTI-3605T1 480V3P 6KW	FS	009	A	$1504.00
189026	ARMTI-3755T2 240V3P 7.5KW	FS	010	A	$1542.00
189069	ARMTI-3755T2 480V3P 7.5KW	FS	010	A	$1542.00
189042	ARMTI-3755E2T2 240V3P 7.5KW	FS	015	A	$1776.00
189085	ARMTI-3755E2T2 480V3P 7.5KW	FS	015	A	$1776.00
189034	ARMTI-3755T1 240V3P 7.5KW	FS	010	A	$1542.00
189077	ARMTI-3755T1 480V3P 7.5KW	FS	010	A	$1542.00
189050	ARMTI-3755E2T1 240V3P 7.5KW	FS	015	A	$1776.00
189093	ARMTI-3755E2T1 480V3P 7.5KW	FS	015	A	$1776.00
189106	ARMTI-3905T2 240V3P 9KW	FS	010	A	$1652.00
189149	ARMTI-3905T2 480V3P 9KW	FS	010	A	$1650.00
189122	ARMTI-3905E2T2 240V3P 9KW	FS	016	A	$1886.00
189165	ARMTI-3905E2T2 480V3P 9KW	FS	016	A	$1878.00
189114	ARMTI-3905T1 240V3P 9KW	FS	010	A	$1652.00
189157	ARMTI-3905T1 480V3P 9KW	FS	010	A	$1650.00
189130	ARMTI-3905E2T1 240V3P 9KW	FS	016	A	$1883.00
189173	ARMTI-3905E2T1 480V3P 9KW	FS	016	A	$1883.00
189181	ARMTI-3120T2 240V3P 12KW	FS	011	A	$1815.00
189229	ARMTI-3120T2 480V3P 12KW	FS	011	A	$1815.00
189202	ARMTI-3120E2T2 240V3P 12KW	FS	016	A	$2048.00
189245	ARMTI-3120E2T2 480V3P 12KW	FS	016	A	$2048.00
189190	ARMTI-3120T1 240V3P 12KW	FS	011	A	$1815.00
189237	ARMTI-3120T1 480V3P 12KW	FS	011	A	$1815.00
189210	ARMTI-3120E2T1 240V3P 12KW	FS	016	A	$2048.00
189253	ARMTI-3120E2T1 480V3P 12KW	FS	016	A	$2048.00
189261	ARMTI-3150T2 240V3P 15KW	FS	012	A	$1970.00
189309	ARMTI-3150T2 480V3P 15KW	FS	012	A	$1970.00
189288	ARMTI-3150E2T2 240V3P 15KW	FS	017	A	$2206.00
189325	ARMTI-3150E2T2 480V3P 15KW	FS	017	A	$2204.00
189270	ARMTI-3150T1 240V3P 15KW	FS	012	A	$1973.00
189317	ARMTI-3150T1 480V3P 15KW	FS	012	A	$1973.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
189296	ARMTI-3150E2T1 240V3P 15KW	FS	017	A	$2206.00
189333	ARMTI-3150E2T1 480V3P 15KW	FS	017	A	$2204.00
189341	ARMTI-3180T2 240V3P 18KW	FS	013	A	$2128.00
189384	ARMTI-3180T2 480V3P 18KW	FS	013	A	$2126.00
189368	ARMTI-3180E2T2 240V3P 18KW	FS	018	A	$2361.00
189405	ARMTI-3180E2T2 480V3P 18KW	FS	018	A	$2359.00
189350	ARMTI-3180T1 240V3P 18KW	FS	013	A	$2128.00
189392	ARMTI-3180T1 480V3P 18KW	FS	013	A	$2126.00
189376	ARMTI-3180E2T1 240V3P 18KW	FS	018	A	$2361.00
189413	ARMTI-3180E2T1 480V3P 18KW	FS	018	A	$2359.00

VTS VERSATHERM IMMER HTRS 487

CLEAN WATER AND OIL APPLICATIONS, STEEL PLUG INCOLOY ELEMENTS

181075	VTS-3180 240V 18KW,20-13/16" B	FS	012	A	$1064.00
181083	VTS-3180 480V 18KW,20-13/16" B	FS	012	A	$1064.00
181913	VTS-3200 240V 20KW, 30-3/8" B	FS	015	A	$1351.00
181921	VTS-3240 240V 24KW,20-13/16" B	FS	012	A	$1064.00
181930	VTS-3240 480V 24KW,20-13/16" B	FS	012	A	$1064.00
181948	VTS-3400 480V 40KW, 30-3/8" B	FS	015	A	$1351.00
100167	VTS-3-018P-E2,240V MAX	NS	016	A	$1377.00
100175	VTS-3-018P-E2, 480V MAX	NS	017	A	$1377.00
100204	VTS-3-020P-E2,240V MAX	NS	018	A	$1657.00
100220	VTS-3-024P-E2,240V MAX	NS	019	A	$1377.00
100239	VTS-3-024P-E2,480V MAX	NS	020	A	$1377.00
100247	VTS-3-040P-E2,480V MAX	NS	021	A	$1657.00

Special feature-2-1/2 inch screw plug heater

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. 550 volt rating (per item plus New Item Engineering Charge.)	5%
3. Type 316 stainless steel (add to 304sst list price plus New Item Engineering Charge to)	20%
4. Special immersion length (B dimension). Price as next longer unit and add new item engineering charge	
5. Special Option: Moisture Resistant Cast Aluminum Enclosure 2 1/2 inch Screwplug:	
w/o thermostat: Add $165 to general purpose enclosure list price	$165
with thermostat: Add $235 to general purpose enclosure list price	$235
Add E4 to model number.	
6. Temp limit stop for ARMT & ARMTO-	$28
7. Substitute single pole T-stats T5 (60-240) or T8 (0-127) for T2 (60-250) or T1 (0-100) at no extra charge.	

DWH IMMERSION HEATERS 448

2 INCH DISHWASHER TYPE

252750	DWH-3 208V1P 3.0KW	NS	008	A	$1132.00
252769	DWH-3 208V3P 3.0KW	NS	008	A	$1132.00
252777	DWH-3 240V1P 3.0KW	NS	008	A	$1132.00
252785	DWH-3 240V3P 3.0KW	NS	008	A	$1132.00
252793	DWH-5 208V1P 5.0KW	NS	010	A	$1244.00
252806	DWH-5 208V3P 5.0KW	NS	010	A	$1244.00
252814	DWH-5 240V1P 5.0KW	NS	010	A	$1244.00
252822	DWH-5 240V3P 5KW	NS	010	A	$1244.00
252830	DWH-75 208V3P 7.5KW	NS	013	A	$1479.00
252849	DWH-75 240V3P 7.5KW	NS	013	A	$1479.00

2 INCH DISHWASHER TYPE W/ LT ENCLOSURE AND CONTACTOR

293000	DWH-MR-5PS 120V1P 5.0KW	NS	011	A	$2006.00
293085	DWH-MR-5PS 208V1P 5.0KW	NS	011	A	$1906.00
293093	DWH-MR-5PS 208V3P 5.0KW	NS	011	A	$1906.00
293106	DWH-MR-5PS 240V1P 5.0KW	NS	011	A	$1906.00
293114	DWH-MR-5PS 240V3P 5.0KW	ST	011	A	$1906.00
293018	DWH-MR-5PS 480V3P 5.0KW	NS	011	A	$1403.00
293026	DWH-MR-7.5PS 208V1P 7.5KW	NS	012	A	$2108.00
293122	DWH-MR-7.5PS 208V3P 7.5KW	ST	012	A	$2005.00
293034	DWH-MR-7.5PS 240V1P 7.5KW	NS	012	A	$2108.00
293130	DWH-MR-7.5PS 240V3P 7.5KW	NS	012	A	$2108.00
293042	DWH-MR-7.5PS 480V3P 7.5KW	NS	012	A	$2005.00
293050	DWH-MR-10PS 208V1P 10.0KW	NS	013	A	$2223.00
293149	DWH-MR-10PS 208V3P 10.0KW	NS	013	A	$2223.00
293069	DWH-MR-10PS 240V1P 10.0KW	NS	013	A	$2223.00
293157	DWH-MR-10PS 240V3P 10.0KW	NS	013	A	$2160.00
293165	DWH-MR-10PS 480V3P 10.0KW	NS	013	A	$2160.00
293077	DWH-MR-15PS 208V3P 15.0KW	NS	017	A	$2376.00
293173	DWH-MR-15PS 240V3P 15.0KW	NS	017	A	$2261.00
293181	DWH-MR-15PS 480V3P 15.0KW	NS	017	A	$2261.00

TLC,KTLC IMMERSION HEATERS 451

COPPER ELEMENTS, TWO STRAIGHT ELEMENTS

193375	TLC-220A-036 120V1P 2.0KW	NS	007	A	$1151.00
193383	TLC-220A-036 240V1P 2.0KW	NS	007	A	$1151.00
193391	TLC-220A-036 480V1P 2.0KW	NS	007	A	$1151.00
193404	TLC-240A-036 120V1P 4.0KW	NS	009	A	$1318.00
193412	TLC-240A-036 240V1P 4.0KW	NS	009	A	$1318.00
193420	TLC-240A-036 480V1P 4.0KW	NS	009	A	$1318.00
193439	TLC-260A-036 120V1P 6.0KW	NS	009	A	$1397.00
193447	TLC-260A-036 240V1P 6.0KW	NS	009	A	$1397.00
277755	TLC-260T1-048 208/240V 4.5/6KW	NS	000	A	$1527.00
193455	TLC-260A-036 480V1P 6.0KW	NS	009	A	$1397.00
193463	TLC-280A-036 240V1P 8.0KW	NS	011	A	$1501.00
193471	TLC-280A-036 480V1P 8.0KW	NS	011	A	$1501.00
193480	TLC-210A-048 240V1P 10.0KW	NS	014	A	$1598.00
193498	TLC-210A-048 480V1P 10.0KW	NS	014	A	$1598.00
193500	TLC-212A-048 240V1P 12.0KW	NS	016	A	$1698.00
193519	TLC-212A-048 480V1P 12.0KW	NS	016	A	$1698.00

COPPER ELEMENTS, TWO CIRCULAR ELEMENTS

183134	KTLC-220A-036 120V1P 2.0KW	NS	007	A	$1261.00
183142	KTLC-220A-036 240V1P 2.0KW	NS	007	A	$1261.00
183150	KTLC-220A-036 480V1P 2.0KW	NS	007	A	$1261.00
183169	KTLC-240A-036 120V1P 4.0KW	NS	009	A	$1442.00
183177	KTLC-240A-036 240V1P 4.0KW	NS	009	A	$1442.00
183185	KTLC-240A-036 480V1P 4.0KW	NS	009	A	$1442.00
183193	KTLC-260A-036 120V1P 6.0KW	NS	009	A	$1528.00
183206	KTLC-260A-036 240V1P 6.0KW	NS	009	A	$1528.00
183214	KTLC-260A-036 480V1P 6.0KW	NS	009	A	$1528.00
183222	KTLC-280A-036 240V1P 8.0KW	NS	011	A	$1650.00
183230	KTLC-280A-036 480V1P 8.0KW	NS	011	A	$1650.00
183249	KTLC-210A-048 240V1P 10.0KW	NS	014	A	$1755.00
183257	KTLC-210A-048 480V1P 10.0KW	NS	014	A	$1755.00
183265	KTLC-212A-048 240V1P 12.0KW	NS	016	A	$1868.00
183273	KTLC-212A-048 480V1P 12.0KW	NS	016	A	$1868.00

COPPER ELEMENTS, THREE STRAIGHT ELEMENTS

194466	TLC-330A-036 120V1P 3.0KW	NS	012	A	$1304.00
194482	TLC-330A-036 240V1P 3.0KW	NS	012	A	$1304.00
277712	TLC-330A-036 240V3P 3.0KW	NS	016	A	$1304.00
194503	TLC-330A-036 480V1P 3.0KW	NS	012	A	$1304.00
194511	TLC-330A-036 480V3P 3.0KW	NS	012	A	$1304.00
194520	TLC-360A-036 120V1P 6.0KW	NS	012	A	$1466.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
194546	TLC-360A-036 240V1P 6.0KW	NS	012	A	$1466.00
277720	TLC-360A-036 240V3P 6.0KW	NS	016	A	$1466.00
194562	TLC-360A-036 480V1P 6.0KW	NS	012	A	$1466.00
277739	TLC-360A-036 480V3P 6.0KW	NS	016	A	$1466.00
194589	TLC-390A-036 120V1P 9.0KW	NS	013	A	$1559.00
194600	TLC-390A-036 240V1P 9.0KW	NS	013	A	$1559.00
194618	TLC-390A-036 240V3P 9.0KW	NS	013	A	$1559.00
194626	TLC-390A-036 480V1P 9.0KW	NS	013	A	$1559.00
194634	TLC-390A-036 480V3P 9.0KW	NS	013	A	$1559.00
194642	TLC-312A-048 240V1P 12.0KW	NS	016	A	$1673.00
194650	TLC-312A-048 240V3P 12.0KW	NS	016	A	$1673.00
194669	TLC-312A-048 480V1P 12.0KW	NS	016	A	$1673.00
277747	TLC-312A-048 480V3P 12.0KW	NS	018	A	$1673.00
194685	TLC-315A-048 240V1P 15.0KW	NS	017	A	$1776.00
194693	TLC-315A-048 240V3P 15.0KW	NS	017	A	$1776.00
194706	TLC-315A-048 480V1P 15.0KW	NS	017	A	$1776.00
194714	TLC-315A-048 480V3P 15.0KW	NS	017	A	$1776.00
194722	TLC-318A-048 240V1P 18.0KW	NS	018	A	$1901.00
194730	TLC-318A-048 240V3P 18.0KW	NS	018	A	$1901.00
194749	TLC-318A-048 480V1P 18.0KW	NS	018	A	$1901.00
194757	TLC-318A-048 480V3P 18.0KW	NS	018	A	$1901.00
COPPER ELEMENTS, THREE CIRCULAR ELEMENTS					
183281	KTLC-330A-036 120V1P 3.0KW	NS	012	A	$1426.00
183290	KTLC-330A-036 240V1P 3.0KW	NS	012	A	$1426.00
183302	KTLC-330A-036 240V3P 3.0KW	NS	012	A	$1426.00
183310	KTLC-330A-036 480V1P 3.0KW	NS	012	A	$1426.00
183329	KTLC-330A-036 480V3P 3.0KW	NS	012	A	$1426.00
183337	KTLC-360A-036 120V1P 6.0KW	NS	012	A	$1607.00
183345	KTLC-360A-036 240V1P 6.0KW	NS	012	A	$1607.00
183353	KTLC-360A-036 240V3P 6.0KW	NS	012	A	$1607.00
183361	KTLC-360A-036 480V1P 6.0KW	NS	012	A	$1607.00
183370	KTLC-360A-036 480V3P 6.0KW	NS	012	A	$1607.00
183388	KTLC-390A-036 120V1P 9.0KW	NS	013	A	$1710.00
183396	KTLC-390A-036 240V1P 9.0KW	NS	013	A	$1710.00
183409	KTLC-390A-036 240V3P 9.0KW	NS	013	A	$1710.00
183417	KTLC-390A-036 480V1P 9.0KW	NS	013	A	$1710.00
183425	KTLC-390A-036 480V3P 9.0KW	NS	013	A	$1710.00
183433	KTLC-312A-048 240V1P 12.0KW	NS	016	A	$1829.00
183441	KTLC-312A-048 240V3P 12.0KW	NS	016	A	$1829.00
183450	KTLC-312A-048 480V1P 12.0KW	NS	016	A	$1829.00
183468	KTLC-312A-048 480V3P 12.0KW	NS	016	A	$1829.00
183476	KTLC-315A-048 240V1P 15.0KW	NS	017	A	$1965.00
183484	KTLC-315A-048 240V3P 15.0KW	NS	017	A	$1965.00
183492	KTLC-315A-048 480V1P 15.0KW	NS	017	A	$1965.00
183505	KTLC-315A-048 480V3P 15.0KW	NS	017	A	$1965.00
183513	KTLC-318A-048 240V1P 18.0KW	NS	018	A	$2081.00
183521	KTLC-318A-048 240V3P 18.0KW	NS	018	A	$2081.00
183530	KTLC-318A-048 480V1P 18.0KW	NS	018	A	$2081.00
183548	KTLC-318A-048 480V3P 18.0KW	NS	018	A	$2081.00

TLO,KTLO IMMERSION HEATERS 452

PCN	DESCRIPTION	SS	WT	D	PRICE
STEEL ELEMENTS, TWO STRAIGHT ELEMENTS					
193201	TLO-220A-036 120V1P 2.0KW	NS	009	A	$994.00
193210	TLO-220A-036 240V1P 2.0KW	NS	009	A	$994.00
193228	TLO-220A-036 480V1P 2.0KW	NS	009	A	$994.00
193236	TLO-230A-036 120V1P 3.0KW	NS	010	A	$1165.00
193244	TLO-230A-036 240V1P 3.0KW	NS	010	A	$1165.00
193252	TLO-230A-036 480V1P 3.0KW	NS	010	A	$1165.00
193260	TLO-240A-036 120V1P 4.0KW	NS	011	A	$1249.00
193279	TLO-240A-036 240V1P 4.0KW	NS	011	A	$1249.00
193287	TLO-240A-036 480V1P 4.0KW	NS	011	A	$1249.00
193295	TLO-250A-048 120V1P 5.0KW	NS	012	A	$1350.00
193308	TLO-250A-048 240V1P 5.0KW	NS	012	A	$1350.00
193316	TLO-250A-048 480V1P 5.0KW	NS	012	A	$1350.00
193324	TLO-260A-048 120V1P 6.0KW	NS	013	A	$1443.00
193332	TLO-260A-048 240V1P 6.0KW	NS	013	A	$1443.00
193340	TLO-260A-048 480V1P 6.0KW	NS	013	A	$1443.00
193359	TLO-270A-048 240V1P 7.0KW	NS	014	A	$1549.00
193367	TLO-270A-048 480V1P 7.0KW	NS	014	A	$1550.00
STEEL ELEMENTS, TWO CIRCULAR ELEMENTS					
182967	KTLO-220A-036 120V1P 2.0KW	NS	009	A	$1090.00
182975	KTLO-220A-036 240V1P 2.0KW	NS	009	A	$1090.00
182983	KTLO-220A-036 480V1P 2.0KW	NS	009	A	$1090.00
182991	KTLO-230A-036 120V1P 3.0KW	NS	010	A	$1279.00
183003	KTLO-230A-036 240V1P 3.0KW	NS	010	A	$1279.00
183011	KTLO-230A-036 480V1P 3.0KW	NS	010	A	$1279.00
183020	KTLO-240A-036 120V1P 4.0KW	NS	011	A	$1367.00
183038	KTLO-240A-036 240V1P 4.0KW	NS	011	A	$1367.00
183046	KTLO-240A-036 480V1P 4.0KW	NS	011	A	$1367.00
183054	KTLO-250A-048 120V1P 5.0KW	NS	012	A	$1481.00
183062	KTLO-250A-048 240V1P 5.0KW	NS	012	A	$1481.00
183070	KTLO-250A-048 480V1P 5.0KW	NS	012	A	$1481.00
183089	KTLO-260A-048 120V1P 6.0KW	NS	013	A	$1598.00
183097	KTLO-260A-048 240V1P 6.0KW	NS	013	A	$1598.00
183100	KTLO-260A-048 480V1P 6.0KW	NS	013	A	$1598.00
183118	KTLO-270A-048 240V1P 7.0KW	NS	014	A	$1695.00
183126	KTLO-270A-048 480V1P 7.0KW	NS	014	A	$1695.00
STEEL ELEMENTS, THREE STRAIGHT ELEMENTS					
193826	TLO-330A-036 120V1P 3.0KW	NS	012	A	$1103.00
193842	TLO-330A-036 240V1P 3.0KW	NS	012	A	$1103.00
277624	TLO-330A-036 240V3P 3.0KW	NS	013	A	$1103.00
193869	TLO-330A-036 480V1P 3.0KW	NS	012	A	$1103.00
193877	TLO-330A-036 480V3P 3.0KW	NS	012	A	$1103.00
193885	TLO-345A-036 120V1P 4.5KW	NS	013	A	$1267.00
193906	TLO-345A-036 240V1P 4.5KW	NS	013	A	$1267.00
193914	TLO-345A-036 240V3P 4.5KW	NS	013	A	$1267.00
193922	TLO-345A-036 480V1P 4.5KW	NS	013	A	$1267.00
193930	TLO-345A-036 480V3P 4.5KW	NS	013	A	$1267.00
193949	TLO-360A-048 120V1P 6.0KW	NS	013	A	$1350.00
193965	TLO-360A-048 240V1P 6.0KW	NS	013	A	$1350.00
277632	TLO-360A-048 240V3P 6.0KW	NS	015	A	$1350.00
193981	TLO-360A-048 480V1P 6.0KW	NS	013	A	$1350.00
277640	TLO-360A-048 480V3P 6.0KW	ST	015	A	$1350.00
194001	TLO-375A-048 120V1P 7.5KW	NS	014	A	$1481.00
194028	TLO-375A-048 240V1P 7.5KW	NS	014	A	$1481.00
194036	TLO-375A-048 240V3P 7.5KW	NS	014	A	$1481.00
194044	TLO-375A-048 480V1P 7.5KW	NS	014	A	$1481.00
194052	TLO-375A-048 480V3P 7.5KW	NS	014	A	$1481.00
194060	TLO-390A-048 120V1P 9.0KW	NS	015	A	$1599.00
194087	TLO-390A-048 240V1P 9.0KW	NS	015	A	$1599.00
277675	TLO-390A-048 240V3P 9.0KW	ST	015	A	$1599.00
194108	TLO-390A-048 480V1P 9.0KW	NS	015	A	$1599.00
277683	TLO-390A-048 480V3P 9.0KW	NS	015	A	$1599.00
194124	TLO-310A-048 240V1P 10.0KW	NS	016	A	$1698.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
194132	TLO-310A-048 240V3P 10.0KW	NS	016	A	$1698.00
194140	TLO-310A-048 480V1P 10.0KW	NS	016	A	$1698.00
194159	TLO-310A-048 480V3P 10.0KW	NS	016	A	$1698.00
	STEEL ELEMENTS, THREE CIRCULAR ELEMENTS				
183847	KTLO-330A-036 120V1P 3.0KW	NS	012	A	$1213.00
183855	KTLO-330A-036 240V1P 3.0KW	NS	012	A	$1213.00
183863	KTLO-330A-036 240V3P 3.0KW	NS	012	A	$1213.00
183871	KTLO-330A-036 480V1P 3.0KW	NS	012	A	$1213.00
183880	KTLO-330A-036 480V3P 3.0KW	NS	012	A	$1213.00
183898	KTLO-345A-036 120V1P 4.5KW	NS	013	A	$1397.00
183900	KTLO-345A-036 240V1P 4.5KW	NS	013	A	$1397.00
183919	KTLO-345A-036 240V3P 4.5KW	NS	013	A	$1397.00
183927	KTLO-345A-036 480V1P 4.5KW	NS	013	A	$1397.00
183935	KTLO-345A-036 480V3P 4.5KW	NS	013	A	$1397.00
183943	KTLO-360A-048 120V1P 6.0KW	NS	013	A	$1481.00
183951	KTLO-360A-048 240V1P 6.0KW	NS	013	A	$1481.00
277659	KTLO-360A-048 240V3P 6.0KW	NS	015	A	$1481.00
183960	KTLO-360A-048 480V1P 6.0KW	NS	013	A	$1481.00
277667	KTLO-360A-048 480V3P 6.0KW	ST	015	A	$1481.00
183978	KTLO-375A-048 120V1P 7.5KW	NS	014	A	$1640.00
183986	KTLO-375A-048 240V1P 7.5KW	NS	014	A	$1640.00
183994	KTLO-375A-048 240V3P 7.5KW	NS	014	A	$1640.00
184006	KTLO-375A-048 480V1P 7.5KW	NS	014	A	$1640.00
184014	KTLO-375A-048 480V3P 7.5KW	NS	014	A	$1640.00
184022	KTLO-390A-048 120V1P 9.0KW	NS	015	A	$1755.00
184030	KTLO-390A-048 240V1P 9.0KW	NS	015	A	$1755.00
277691	KTLO-390A-048 240V3P 9.0KW	NS	015	A	$1755.00
184049	KTLO-390A-048 480V1P 9.0KW	NS	015	A	$1755.00
277704	KTLO-390A-048 480V3P 9.0KW	NS	015	A	$1755.00
184057	KTLO-310A-048 240V1P 10.0KW	NS	016	A	$1868.00
184065	KTLO-310A-048 240V3P 10.0KW	NS	016	A	$1868.00
184073	KTLO-310A-048 480V1P 10.0KW	NS	016	A	$1868.00
184081	KTLO-310A-048 480V3P 10.0KW	NS	016	A	$1868.00

TLS,KTLS IMMERSION HEATERS 454

PCN	DESCRIPTION	SS	WT	D	PRICE
	STAINLESS STEEL ELEMENTS, TWO STRAIGHT ELEMENTS				
193527	TLS-220A-036 120V1P 2.0KW	NS	008	A	$1264.00
193535	TLS-220A-036 240V1P 2.0KW	NS	008	A	$1264.00
193543	TLS-220A-036 480V1P 2.0KW	NS	008	A	$1264.00
193551	TLS-240A-036 120V1P 4.0KW	NS	008	A	$1377.00
193560	TLS-240A-036 240V1P 4.0KW	NS	008	A	$1377.00
193578	TLS-240A-036 480V1P 4.0KW	NS	010	A	$1377.00
193586	TLS-260A-036 120V1P 6.0KW	NS	010	A	$1496.00
193594	TLS-260A-036 240V1P 6.0KW	NS	010	A	$1496.00
193607	TLS-260A-036 480V1P 6.0KW	NS	010	A	$1496.00
193615	TLS-280A-036 240V1P 8.0KW	NS	012	A	$1667.00
193623	TLS-280A-036 480V1P 8.0KW	NS	012	A	$1667.00
193631	TLS-210A-048 240V1P 10.0KW	NS	014	A	$1730.00
193640	TLS-210A-048 480V1P 10.0KW	NS	014	A	$1730.00
193658	TLS-212A-048 240V1P 12.0KW	NS	016	A	$1847.00
193666	TLS-212A-048 480V1P 12.0KW	NS	016	A	$1847.00
	STAINLESS STEEL ELEMENTS, TWO CIRCULAR ELEMENTS				
182810	KTLS-220A-036 120V1P 2.0KW	NS	008	A	$1387.00
182828	KTLS-220A-036 240V1P 2.0KW	NS	008	A	$1387.00
182836	KTLS-220A-036 480V1P 2.0KW	NS	008	A	$1387.00
182844	KTLS-240A-036 120V1P 4.0KW	NS	008	A	$1515.00
182852	KTLS-240A-036 240V1P 4.0KW	NS	008	A	$1515.00
182860	KTLS-240A-036 480V1P 4.0KW	NS	008	A	$1515.00
182879	KTLS-260A-036 120V1P 6.0KW	NS	010	A	$1636.00
182887	KTLS-260A-036 240V1P 6.0KW	NS	010	A	$1636.00
182895	KTLS-260A-036 480V1P 6.0KW	NS	010	A	$1636.00
182908	KTLS-280A-036 240V1P 8.0KW	NS	012	A	$1698.00
182916	KTLS-280A-036 480V1P 8.0KW	NS	012	A	$1698.00
182924	KTLS-210A-048 240V1P 10.0KW	NS	014	A	$1811.00
182932	KTLS-210A-048 480V1P 10.0KW	NS	014	A	$1811.00
182940	KTLS-212A-048 240V1P 12.0KW	NS	016	A	$1921.00
182959	KTLS-212A-048 480V1P 12.0KW	NS	016	A	$1921.00
	STAINLESS STEEL ELEMENTS, THREE STRAIGHT ELEMENTS				
194765	TLS-330A-036 120V1P 3.0KW	NS	009	A	$1436.00
194781	TLS-330A-036 240V1P 3.0KW	NS	009	A	$1436.00
277499	TLS-330A-036 240V3P 3.0KW	NS	014	A	$1436.00
194802	TLS-330A-036 480V1P 3.0KW	NS	009	A	$1436.00
194810	TLS-330A-036 480V3P 3.0KW	NS	009	A	$1436.00
194829	TLS-360A-036 120V1P 6.0KW	NS	010	A	$1595.00
194845	TLS-360A-036 240V1P 6.0KW	NS	010	A	$1595.00
277501	TLS-360A-036 240V3P 6.0KW	NS	014	A	$1595.00
194861	TLS-360A-036 480V1P 6.0KW	NS	010	A	$1595.00
277510	TLS-360A-036 480V3P 6.0KW	ST	010	A	$1595.00
194888	TLS-390A-036 120V1P 9.0KW	NS	012	A	$1679.00
194909	TLS-390A-036 240V1P 9.0KW	NS	012	A	$1679.00
277528	TLS-390A-036 240V3P 9.0KW	NS	012	A	$1679.00
194925	TLS-390A-036 480V1P 9.0KW	NS	012	A	$1679.00
277536	TLS-390A-036 480V3P 9.0KW	ST	014	A	$1679.00
194941	TLS-312A-048 240V1P 12.0KW	NS	014	A	$1807.00
194950	TLS-312A-048 240V3P 12.0KW	NS	014	A	$1807.00
194968	TLS-312A-048 480V1P 12.0KW	NS	014	A	$1807.00
277560	TLS-312A-048 480V3P 12.0KW	ST	017	A	$1807.00
194984	TLS-315A-048 240V1P 15.0KW	NS	016	A	$1931.00
194992	TLS-315A-048 240V3P 15.0KW	NS	016	A	$1931.00
195004	TLS-315A-048 480V1P 15.0KW	NS	016	A	$1931.00
277587	TLS-315A-048 480V3P 15.0KW	ST	017	A	$1931.00
195020	TLS-318A-048 240V1P 18.0KW	NS	018	A	$2051.00
195039	TLS-318A-048 240V3P 18.0KW	NS	018	A	$2051.00
195047	TLS-318A-048 480V1P 18.0KW	NS	018	A	$2051.00
277608	TLS-318A-048 480V3P 18.0KW	ST	017	A	$2051.00
	STAINLESS STEEL ELEMENTS, THREE CIRCULAR ELEMENTS				
183628	KTLS-330A-036 120V1P 3.0KW	NS	009	A	$1581.00
183636	KTLS-330A-036 240V1P 3.0KW	NS	009	A	$1581.00
183644	KTLS-330A-036 240V3P 3.0KW	NS	009	A	$1581.00
183652	KTLS-330A-036 480V1P 3.0KW	NS	009	A	$1581.00
183660	KTLS-330A-036 480V3P 3.0KW	NS	009	A	$1581.00
183679	KTLS-360A-036 120V1P 6.0KW	NS	010	A	$1754.00
183687	KTLS-360A-036 240V1P 6.0KW	NS	010	A	$1754.00
183695	KTLS-360A-036 240V3P 6.0KW	NS	010	A	$1754.00
183708	KTLS-360A-036 480V1P 6.0KW	NS	010	A	$1754.00
183716	KTLS-360A-036 480V3P 6.0KW	NS	010	A	$1754.00
183724	KTLS-390A-036 120V1P 9.0KW	NS	012	A	$1844.00
183732	KTLS-390A-036 240V1P 9.0KW	NS	012	A	$1844.00
277544	KTLS-390A-036 240V3P 9.0KW	NS	014	A	$1844.00
183740	KTLS-390A-036 480V1P 9.0KW	NS	012	A	$1844.00
277552	KTLS-390A-036 480V3P 9.0KW	ST	014	A	$1844.00
183759	KTLS-312A-048 240V1P 12.0KW	NS	014	A	$1984.00
183767	KTLS-312A-048 240V3P 12.0KW	NS	014	A	$1984.00
183775	KTLS-312A-048 480V1P 12.0KW	NS	014	A	$1984.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
277579	KTLS-312A-048 480V3P 12.0KW	ST	017	A	$1984.00
183783	KTLS-315A-048 240V1P 15.0KW	NS	016	A	$2122.00
183791	KTLS-315A-048 240V3P 15.0KW	NS	016	A	$2122.00
183804	KTLS-315A-048 480V1P 15.0KW	NS	016	A	$2122.00
277595	KTLS-315A-048 480V3P 15.0KW	NS	017	A	$2122.00
183812	KTLS-318A-048 240V1P 18.0KW	NS	018	A	$2252.00
183820	KTLS-318A-048 240V3P 18.0KW	NS	018	A	$2252.00
183839	KTLS-318A-048 480V1P 18.0KW	NS	018	A	$2252.00
277616	KTLS-318A-048 480V3P 18.0KW	ST	017	A	$2252.00

TLI,KTLI OVER-THE-SIDE 453

INCOLOY ELEMENTS, TWO STRAIGHT ELEMENTS

092970	TLI-220A-036 120V1P 2.0KW	NS	008	A	$1305.00
092988	TLI-220A-036 240V1P 2.0KW	NS	008	A	$1305.00
092996	TLI-220A-036 480V1P 2.0KW	NS	008	A	$1305.00
093008	TLI-240A-036 120V1P 4.0KW	NS	008	A	$1432.00
093016	TLI-240A-036 240V1P 4.0KW	NS	008	A	$1432.00
093024	TLI-240A-036 480V1P 4.0KW	NS	008	A	$1432.00
093032	TLI-260A-036 120V1P 6.0KW	NS	010	A	$1551.00
093040	TLI-260A-036 240V1P 6.0KW	NS	010	A	$1551.00
093059	TLI-260A-036 480V1P 6.0KW	NS	010	A	$1551.00
093067	TLI-280A-036 240V1P 8.0KW	NS	012	A	$1730.00
093075	TLI-280A-036 480V1P 8.0KW	NS	012	A	$1730.00
093083	TLI-210A-048 240V1P 10.0KW	NS	014	A	$1799.00
093091	TLI-210A-048 480V1P 10.0KW	NS	014	A	$1799.00
093104	TLI-212A-048 240V1P 12.0KW	NS	016	A	$1914.00
093112	TLI-212A-048 480V1P 12.0KW	NS	016	A	$1914.00

INCOLOY ELEMENTS, TWO CIRCULAR ELEMENTS

093120	KTLI-220A-036 120V1P 2.0KW	NS	000	A	$1441.00
093139	KTLI-220A-036 240V1P 2.0KW	NS	000	A	$1441.00
093147	KTLI-220A-036 480V1P 2.0KW	NS	000	A	$1441.00
093155	KTLI-240A-036 120V1P 4.0KW	NS	000	A	$1571.00
093163	KTLI-240A-036 240V1P 4.0KW	NS	000	A	$1571.00
093171	KTLI-240A-036 480V1P 4.0KW	NS	000	A	$1571.00
093180	KTLI-260A-036 120V1P 6.0KW	NS	000	A	$1695.00
093198	KTLI-260A-036 240V1P 6.0KW	NS	000	A	$1695.00
093200	KTLI-260A-036 480V1P 6.0KW	NS	000	A	$1695.00
093219	KTLI-280A-036 240V1P 8.0KW	NS	000	A	$1759.00
093227	KTLI-280A-036 480V1P 8.0KW	NS	000	A	$1759.00
093235	KTLI-210A-048 240V1P 10.0KW	NS	000	A	$1875.00
093243	KTLI-210A-048 480V1P 10.0KW	NS	000	A	$1875.00
093251	KTLI-212A-048 240V1P 12.0KW	NS	000	A	$1995.00
093260	KTLI-212A-048 480V1P 12.0KW	NS	000	A	$1995.00

INCOLOY ELEMENTS, THREE STRAIGHT ELEMENTS

093278	TLI-330A-036 120V1P 3.0KW	NS	009	A	$1488.00
093286	TLI-330A-036 240V1P 3.0KW	NS	009	A	$1488.00
093294	TLI-330A-036 240V3P 3.0KW	NS	009	A	$1488.00
093307	TLI-330A-036 480V1P 3.0KW	NS	009	A	$1488.00
093315	TLI-330A-036 480V3P 3.0KW	NS	009	A	$1488.00
093323	TLI-360A-036 120V1P 6.0KW	NS	010	A	$1652.00
093331	TLI-360A-036 240V1P 6.0KW	NS	010	A	$1652.00
093340	TLI-360A-036 240V3P 6.0KW	NS	010	A	$1652.00
093358	TLI-360A-036 480V1P 6.0KW	NS	010	A	$1652.00
093366	TLI-360A-036 480V3P 6.0KW	NS	010	A	$1652.00
093374	TLI-390A-036 120V1P 9.0KW	NS	012	A	$1737.00
093382	TLI-390A-036 240V1P 9.0KW	NS	012	A	$1737.00
093390	TLI-390A-036 240V3P 9.0KW	NS	012	A	$1737.00
093411	TLI-390A-036 480V3P 9.0KW	NS	012	A	$1737.00
093420	TLI-312A-048 240V1P 12.0KW	NS	014	A	$1869.00
093438	TLI-312A-048 240V3P 12.0KW	NS	014	A	$1869.00
093446	TLI-312A-048 480V1P 12.0KW	NS	014	A	$1869.00
093454	TLI-312A-048 480V3P 12.0KW	NS	014	A	$1869.00
093462	TLI-315A-048 240V1P 15.0KW	NS	016	A	$2011.00
093470	TLI-315A-048 240V3P 15.0KW	NS	016	A	$2011.00
093489	TLI-315A-048 480V1P 15.0KW	NS	016	A	$2011.00
093497	TLI-315A-048 480V3P 15.0KW	NS	016	A	$2011.00
093500	TLI-318A-048 240V1P 18.0KW	NS	018	A	$2128.00
093518	TLI-318A-048 240V3P 18.0KW	NS	018	A	$2128.00
093526	TLI-318A-048 480V1P 18.0KW	NS	018	A	$2128.00
093534	TLI-318A-048 480V3P 18.0KW	NS	018	A	$2128.00

INCOLOY ELEMENTS, THREE CIRCULAR ELEMENTS

093542	KTLI-330A-036 120V1P 3.0KW	NS	009	A	$1640.00
093550	KTLI-330A-036 240V1P 3.0KW	NS	009	A	$1640.00
093569	KTLI-330A-036 240V3P 3.0KW	NS	009	A	$1640.00
093577	KTLI-330A-036 480V1P 3.0KW	NS	009	A	$1640.00
093585	KTLI-330A-036 480V3P 3.0KW	NS	009	A	$1640.00
093593	KTLI-360A-036 120V1P 6.0KW	NS	010	A	$1813.00
093606	KTLI-360A-036 240V1P 6.0KW	NS	010	A	$1814.00
093614	KTLI-360A-036 240V3P 6.0KW	NS	010	A	$1813.00
093622	KTLI-360A-036 480V1P 6.0KW	NS	010	A	$1813.00
093630	KTLI-360A-036 480V3P 6.0KW	NS	010	A	$1813.00
093649	KTLI-390A-036 120V1P 9.0KW	NS	012	A	$1912.00
093657	KTLI-390A-036 240V1P 9.0KW	NS	012	A	$1912.00
093665	KTLI-390A-036 240V3P 9.0KW	NS	012	A	$1912.00
093673	KTLI-390A-036 480V1P 9.0KW	NS	012	A	$1912.00
093681	KTLI-390A-036 480V3P 9.0KW	NS	012	A	$1912.00
093690	KTLI-312A-048 240V1P 12.0KW	NS	014	A	$2059.00
093702	KTLI-312A-048 240V3P 12.0KW	NS	014	A	$2059.00
093710	KTLI-312A-048 480V1P 12.0KW	NS	014	A	$2059.00
093729	KTLI-312A-048 480V3P 12.0KW	NS	014	A	$2059.00
093737	KTLI-315A-048 240V1P 15.0KW	NS	016	A	$2201.00
093745	KTLI-315A-048 240V3P 15.0KW	NS	016	A	$2201.00
093753	KTLI-315A-048 480V1P 15.0KW	NS	016	A	$2201.00
093761	KTLI-315A-048 480V3P 15.0KW	NS	016	A	$2201.00
093770	KTLI-318A-048 240V1P 18.0KW	NS	018	A	$2329.00
093788	KTLI-318A-048 240V3P 18.0KW	NS	018	A	$2329.00
093796	KTLI-318A-048 480V1P 18.0KW	NS	018	A	$2329.00
093809	KTLI-318A-048 480V3P 18.0KW	NS	018	A	$2329.00

THERMOSTAT KIT FOR STOCKED OVER-THE-SIDE HEATERS

277819	AR-219-KIT-4	ST	001	A	
277827	AR-519-KIT-4	NS	001	A	
277835	AR-115-KIT-4	ST	000	A	

Additional features for over-the-side heaters

1. New item engineering charge except 550V (within practical limits, prorated over quantity)	$100
2. Increased A dimper inch (riser height)	
- Stainless steel, steel	$4
- Copper	$3
3. Sludge legs, 4 inch (per set)	
- Stainless steel	$17
- Carbon steel	$13

Note: Sludge legs included at no charge with stock heaters

4. Stock heaters are equipped with thermowell for AR thermostat w/ style 9 bulb. Non-stock heaters do not have a thermowell unless heaters is ordered with a thermostat.

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PCN	DESCRIPTION	SS	WT	D	PRICE
	5. AR Thermostat for non-stock heaters (specify range)				$172
	- 0 to 100°				
	- 60 to 250°				
	- 200 to 550°				
	5. AR Thermostat for stock heaters (specify range)				
	- AR 115 Kit (0 to 100°), PCN 277835				
	- AR 259 Kit (60 to 250°), PCN 277819				
	- AR 519 Kit (200 to 550°), PCN 277827				
	See tabulation in KTLI section				
	7. Explosion resistant terminal housing				$275
	8. Passivation of stainless steel heaters				$181
	9. For type 316 stainless steel heaters (add to TLS and KTLS prices plus new item engineering charge)				20%

GS SINGLE TUBE 491

316 SS 40 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050016	GS-11 120V 1P 1KW	NS	000	C	$210.00
050024	GS-12 240V 1P 1KW	NS	000	C	$210.00
050032	GS-22 240V 1P 2KW	NS	000	C	$259.00
050040	GS-24 480V 1P 2KW	NS	000	C	$259.00
050059	GS-32 240V 1P 3KW	NS	000	C	$284.00
050067	GS-34 480V 1P 3KW	NS	000	C	$284.00
050075	GS-42 240V 1P 4KW	NS	000	C	$298.00
050083	GS-44 480V 1P 4KW	NS	000	C	$298.00
050091	GS-52 240V 1P 5KW	NS	000	C	$348.00
050104	GS-54 480V 1P 5KW	NS	000	C	$348.00
050112	GS-62 240V 1P 6KW	NS	000	C	$376.00
050120	GS-64 480V 1P 6KW	NS	000	C	$376.00
050139	GS-82 240V 1P 8KW	NS	000	C	$453.00
050147	GS-84 480V 1P 8KW	NS	000	C	$453.00
050155	GS-92 240V 1P 9KW	NS	000	C	$487.00
050163	GS-94 480V 1P 9KW	NS	000	C	$487.00
050171	GS-102 240V 1P 10KW	NS	000	C	$584.00
050180	GS-104 480V 1P 10KW	NS	000	C	$584.00
050198	GS-122 240V 1P 12KW	NS	000	C	$642.00
050200	GS-124 480V 1P 12KW	NS	000	C	$642.00

GDS SINGLE TUBE

316 SS 20 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050219	GDS-12 240V 1P 1KW	NS	000	C	$259.00
050227	GDS-14 480V 1P 1KW	NS	000	C	$259.00
050235	GDS-22 240V 1P 2KW	NS	000	C	$298.00
050243	GDS-24 480V 1P 2KW	NS	000	C	$298.00
050251	GDS-32 240V 1P 3KW	NS	000	C	$376.00
050260	GDS-34 480V 1P 3KW	NS	000	C	$376.00
050278	GDS-42 240V 1P 4KW	NS	000	C	$453.00
050286	GDS-44 480V 1P 4KW	NS	000	C	$453.00
050294	GDS-52 240V 1P 5KW	NS	000	C	$584.00
050307	GDS-54 480V 1P 5KW	NS	000	C	$584.00
050315	GDS-62 240V 1P 6KW	NS	000	C	$642.00
050323	GDS-64 480V 1P 6KW	NS	000	C	$725.00

GT SINGLE TUBE

TITANIUM 40 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050331	GT-11 120V 1P 1KW	NS	000	C	$275.00
050340	GT-12 240V 1P 1KW	NS	000	C	$275.00
050358	GT-22 240V 1P 2KW	NS	000	C	$364.00
050366	GT-24 480V 1P 2KW	NS	000	C	$364.00
050374	GT-32 240V 1P 3KW	NS	000	C	$407.00
050382	GT-34 480V 1P 3KW	NS	000	C	$407.00
050390	GT-42 240V 1P 4KW	NS	000	C	$490.00
050403	GT-44 480V 1P 4KW	NS	000	C	$490.00
050411	GT-52 240V 1P 5KW	NS	000	C	$569.00
050420	GT-54 480V 1P 5KW	NS	000	C	$569.00
050438	GT-62 240V 1P 6KW	NS	000	C	$606.00
050446	GT-64 480V 1P 6KW	NS	000	C	$606.00
050454	GT-82 240V 1P 8KW	NS	000	C	$700.00
050462	GT-84 480V 1P 8KW	NS	000	C	$700.00
050470	GT-92 240V 1P 9KW	NS	000	C	$768.00
050489	GT-94 480V 1P 9KW	NS	000	C	$768.00
050497	GT-102 240V 1P 10KW	NS	000	C	$904.00
050500	GT-104 480V 1P 10KW	NS	000	C	$904.00
050518	GT-122 240V 1P 12KW	NS	000	C	$1037.00
050526	GT-124 480V 1P 12KW	NS	000	C	$1037.00

GDT SINGLE TUBE

TITANIUM 20 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050534	GDT-12 240V 1KW	NS	000	C	$364.00
050542	GDT-14 480V 1KW	NS	000	C	$364.00
050550	GDT-22 240V 2KW	NS	000	C	$490.00
050569	GDT-24 480V 2KW	NS	000	C	$490.00
050577	GDT-32 240V 3KW	NS	000	C	$606.00
050585	GDT-34 480V 3KW	NS	000	C	$606.00
050593	GDT-42 240V 4KW	NS	000	C	$700.00
050606	GDT-44 480V 4KW	NS	000	C	$700.00
050614	GDT-52 240V 5KW	NS	000	C	$904.00
050622	GDT-54 480V 5KW	NS	000	C	$904.00
050630	GDT-62 240V 6KW	NS	000	C	$1037.00
050649	GDT-64 480V 6KW	NS	000	C	$1037.00

GS3 TRIPLE TUBE

316 SS 40 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050657	GS3-31 120V 3KW	NS	000	C	$529.00
050665	GS3-32 240V 3KW	NS	000	C	$529.00
050673	GS3-62 240V 6KW	NS	000	C	$661.00
050681	GS3-64 120V 3KW	NS	000	C	$661.00
050690	GS3-92 240V 9KW	NS	000	C	$773.00
050702	GS3-94 240V 9KW	NS	000	C	$773.00
050710	GS3-122 240V 12KW	NS	000	C	$805.00
050729	GS3-124 480V 12KW	NS	000	C	$805.00
050737	GS3-152 240V 15KW	NS	000	C	$971.00
050745	GS3-154 480V 15KW	NS	000	C	$971.00
050753	GS3-182 240V 18KW	NS	000	C	$1029.00
050761	GS3-184 480V 18KW	NS	000	C	$1029.00
050770	GS3-242 240V 24KW	NS	000	C	$1241.00
050788	GS3-244 480V 24KW	NS	000	C	$1241.00
050796	GS3-272 240V 27KW	NS	000	C	$1364.00
050809	GS3-274 480V 27KW	NS	000	C	$1364.00
050817	GS3-302 240V 30KW	NS	000	C	$1708.00
050825	GS3-304 480V 30KW	NS	000	C	$1708.00
050833	GS3-362 240V 36KW	NS	000	C	$1826.00
050841	GS3-364 480V 36KW	NS	000	C	$1826.00

GDS3 TRIPLE TUBE

316 SS 20 W/SQ. IN.

PCN	DESCRIPTION	SS	WT	D	PRICE
050850	GDS3-32 240V 3KW	NS	000	C	$661.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
050868	GDS3-34 480V 3KW	NS	000	C	$661.00
050876	GDS3-62 240V 6KW	NS	000	C	$805.00
050884	GDS3-64 480V 6KW	NS	000	C	$805.00
050892	GDS3-92 240V 9KW	NS	000	C	$1029.00
050905	GDS3-94 480V 9KW	NS	000	C	$1029.00
050913	GDS3-122 240V 12KW	NS	000	C	$1364.00
050921	GDS3-124 480V 12KW	NS	000	C	$1364.00
050930	GDS3-152 240V 15KW	NS	000	C	$1708.00
050948	GDS3-154 480V 15KW	NS	000	C	$1708.00
050956	GDS3-182 240V 18KW	NS	000	C	$1826.00
050964	GDS3-184 480V 18KW	NS	000	C	$1826.00
	GT3 TRIPLE TUBE				
	TITANIUM 40 W/SQ. IN.				
050972	GT3-31 120V 3KW	NS	000	C	$778.00
050980	GT3-32 240V 3KW	NS	000	C	$778.00
050999	GT3-62 240V 6KW	NS	000	C	$1007.00
051000	GT3-64 480V 6KW	NS	000	C	$1007.00
051019	GT3-92 240V 9KW	NS	000	C	$1181.00
051027	GT3-94 480V 9KW	NS	000	C	$1181.00
051035	GT3-122 240V 12KW	NS	000	C	$1314.00
051043	GT3-124 480V 12KW	NS	000	C	$1314.00
051051	GT3-152 240V 15KW	NS	000	C	$1541.00
051060	GT3-154 480V 15KW	NS	000	C	$1541.00
051078	GT3-182 240V 18KW	NS	000	C	$1748.00
051086	GT3-184 480V 18KW	NS	000	C	$1748.00
051094	GT3-242 240V 24KW	NS	000	C	$2047.00
051107	GT3-244 480V 24KW	NS	000	C	$2047.00
051115	GT3-272 240V 27KW	NS	000	C	$2252.00
051123	GT3-274 480V 27KW	NS	000	C	$2252.00
051131	GT3-302 240V 30KW	NS	000	C	$2585.00
051140	GT3-304 480V 30KW	NS	000	C	$2585.00
051158	GT3-362 240V 36KW	NS	000	C	$3052.00
051166	GT3-364 480V 36KW	NS	000	C	$3052.00
	GDT3 TRIPLE TUBE				
	TITANIUM 20 W/SQ. IN.				
051174	GDT3-32 240V 3KW	NS	000	C	$1007.00
051182	GDT3-34 480V 3KW	NS	000	C	$1007.00
051190	GDT3-62 240V 6KW	NS	000	C	$1314.00
051203	GDT3-64 480V 6KW	NS	000	C	$1314.00
051211	GDT3-92 240V 9KW	NS	000	C	$1748.00
051220	GDT3-94 240V 9KW	NS	000	C	$1748.00
051238	GDT3-122 240V 12KW	NS	000	C	$2047.00
051246	GDT3-124 480V 12KW	NS	000	C	$2047.00
051254	GDT3-152 240V 15KW	NS	000	C	$2585.00
051262	GDT3-154 480V 15KW	NS	000	C	$2585.00
051270	GDT3-182 240V 18KW	NS	000	C	$3052.00
051289	GDT3-184 480V 18KW	NS	000	C	$3052.00
	GSL SINGLE TUBE				
	L-SHAPED 316 SS 40 W/SQ. IN.				
051297	GSL-11 120V 1KW	NS	000	C	$380.00
051300	GSL-12 240V 1KW	NS	000	C	$380.00
051318	GSL-22 240V 2KW	NS	000	C	$414.00
051326	GSL-24 480V 2KW	NS	000	C	$414.00
051334	GSL-32 240V 3KW	NS	000	C	$469.00
051342	GSL-34 480V 3KW	NS	000	C	$469.00
051350	GSL-42 240V 4KW	NS	000	C	$500.00
051369	GSL-44 480V 4KW	NS	000	C	$500.00
051377	GSL-52 240V 5KW	NS	000	C	$548.00
051385	GSL-54 480V 5KW	NS	000	C	$548.00
051393	GSL-62 240V 6KW	NS	000	C	$599.00
051406	GSL-64 480V 6KW	NS	000	C	$599.00
051414	GSL-82 240V 8KW	NS	000	C	$681.00
051422	GSL-84 480V 8KW	NS	000	C	$681.00
051430	GSL-92 240V 9KW	NS	000	C	$721.00
051449	GSL-94 480V 9KW	NS	000	C	$721.00
051457	GSL-102 240V 10KW	NS	000	C	$804.00
051465	GSL-104 480V 10KW	NS	000	C	$804.00
051473	GSL-122 240V 12KW	NS	000	C	$866.00
051481	GSL-124 480V 12KW	NS	000	C	$866.00
	GDSL SINGLE TUBE				
	L-SHAPED 316 SS 20 W/SQ. IN.				
051490	GDSL-11 120V 1KW	NS	000	C	$411.00
051502	GDSL-12 240V 1KW	NS	000	C	$411.00
051510	GDSL-22 240V 2KW	NS	000	C	$496.00
051529	GDSL-24 480V 2KW	NS	000	C	$496.00
051537	GDSL-32 240V 3KW	NS	000	C	$594.00
051545	GDSL-34 480V 3KW	NS	000	C	$594.00
051553	GDSL-42 240V 4KW	NS	000	C	$676.00
051561	GDSL-44 480V 4KW	NS	000	C	$676.00
051570	GDSL-52 240V 5KW	NS	000	C	$795.00
051588	GDSL-54 480V 5KW	NS	000	C	$795.00
051596	GDSL-62 240V 6KW	NS	000	C	$858.00
051609	GDSL-64 480V 6KW	NS	000	C	$858.00
	GTL SINGLE TUBE				
	L-SHAPED TITANIUM 40 W/SQ. IN.				
051617	GTL-11 120V 1KW	NS	000	C	$497.00
051625	GTL-12 240V 1KW	NS	000	C	$497.00
051633	GTL-22 240V 2KW	NS	000	C	$578.00
051641	GTL-24 240V 4KW	NS	000	C	$578.00
051650	GTL-32 240V 3KW	NS	000	C	$658.00
051668	GTL-34 480V 3KW	NS	000	C	$658.00
051676	GTL-42 240V 4KW	NS	000	C	$717.00
051684	GTL-44 480V 4KW	NS	000	C	$717.00
051692	GTL-52 240V 5KW	NS	000	C	$841.00
051705	GTL-54 480V 5KW	NS	000	C	$841.00
051713	GTL-62 240V 6KW	NS	000	C	$959.00
051721	GTL-64 480V 6KW	NS	000	C	$959.00
051730	GTL-82 240V 8KW	NS	000	C	$1061.00
051748	GTL-84 240V 8KW	NS	000	C	$1061.00
051756	GTL-92 240V 9KW	NS	000	C	$1130.00
051764	GTL-94 480V 9KW	NS	000	C	$1130.00
051772	GTL-102 240V 10KW	NS	000	C	$1204.00
051780	GTL-104 480V 10KW	NS	000	C	$1204.00
051799	GTL-122 240V 10KW	NS	000	C	$1284.00
051801	GTL-124 480V 12KW	NS	000	C	$1284.00
	GDTL SINGLE TUBE				
	L-SHAPED TITANIUM 20 W/SQ. IN.				
051810	GDTL-11 120V 1KW	NS	000	C	$578.00
051828	GDTL-12 240V 1KW	NS	000	C	$578.00
051836	GDTL-22 240V 2KW	NS	000	C	$717.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
051844	GDTL-24 480V 2KW	NS	000	C	$717.00
051852	GDTL-32 240V 3KW	NS	000	C	$959.00
051860	GDTL-34 480V 3KW	NS	000	C	$959.00
051879	GDTL-42 240V 4KW	NS	000	C	$1061.00
051887	GDTL-44 480V 4KW	NS	000	C	$1061.00
051895	GDTL-52 240V 5KW	NS	000	C	$1204.00
051908	GDTL-54 480V 5KW	NS	000	C	$1204.00
051916	GDTL-62 240V 6KW	NS	000	C	$1284.00
051924	GDTL-64 480V 6KW	NS	000	C	$1284.00
	GSL3 TRIPLE TUBE				
	L-SHAPED 316 SS 40 W/SQ. IN.				
051932	GSL3-32 240V 3KW	NS	000	C	$701.00
051940	GSL3-34 480V 3KW	NS	000	C	$701.00
051959	GSL3-62 240V 6KW	NS	000	C	$842.00
051967	GSL3-64 480V 6KW	NS	000	C	$842.00
051975	GSL3-92 240V 9KW	NS	000	C	$1004.00
051983	GSL3-94 480V 9KW	NS	000	C	$1004.00
051991	GSL3-122 240V 12KW	NS	000	C	$1080.00
052003	GSL3-124 480V 12KW	NS	000	C	$1080.00
052011	GSL3-152 240V 15KW	NS	000	C	$1182.00
052020	GSL3-154 480V 15KW	NS	000	C	$1182.00
052038	GSL3-182 240V 18KW	NS	000	C	$1264.00
052046	GSL3-184 480V 18KW	ST	000	C	$1264.00
052054	GSL3-242 240V 24KW	NS	000	C	$1456.00
052062	GSL3-244 480V 24KW	NS	000	C	$1456.00
052070	GSL3-272 240V 27KW	NS	000	C	$1627.00
052089	GSL3-274 480V 27KW	NS	000	C	$1627.00
052097	GSL3-302 240V 30KW	NS	000	C	$2085.00
052100	GSL3-304 480V 30KW	NS	000	C	$2085.00
052118	GSL3-362 240V 36KW	NS	000	C	$2400.00
052126	GSL3-364 480V 36KW	NS	000	C	$2400.00
	GDSL3 TRIPLE TUBE				
	L-SHAPED 316 SS 20 W/SQ. IN.				
052134	GDSL3-32 240V 3KW	NS	000	C	$842.00
052142	GDSL3-34 480V 3KW	NS	000	C	$842.00
052150	GDSL3-62 240V 6KW	NS	000	C	$1080.00
052169	GDSL3-64 480V 6KW	NS	000	C	$1080.00
052177	GDSL3-92 240V 9KW	NS	000	C	$1264.00
052185	GDSL3-94 480V 9KW	NS	000	C	$1264.00
052193	GDSL3-122 240V 12KW	NS	000	C	$1456.00
052206	GDSL3-124 480V 12KW	NS	000	C	$1456.00
052214	GDSL3-152 240V 15KW	NS	000	C	$2085.00
052222	GDSL3-154 480V 15KW	NS	000	C	$2085.00
052230	GDSL3-182 240V 18KW	NS	000	C	$2400.00
052249	GDSL3-184 480V 18KW	ST	000	C	$2400.00
	GTL3 TRIPLE TUBE				
	L-SHAPED TITANIUM 40 W/SQ. IN.				
052257	GTL3-32 240V 3KW	NS	000	C	$975.00
052265	GTL3-34 480V 3KW	NS	000	C	$975.00
052273	GTL3-62 240V 6KW	NS	000	C	$1266.00
052281	GTL3-64 480V 6KW	NS	000	C	$1266.00
052290	GTL3-92 240V 9KW	NS	000	C	$1453.00
052302	GTL3-94 480V 9KW	NS	000	C	$1453.00
052310	GTL3-122 240V 12KW	NS	000	C	$1559.00
052329	GTL3-124 480V 12KW	NS	000	C	$1559.00
052337	GTL3-152 240V 15KW	NS	000	C	$1848.00
052345	GTL3-154 480V 15KW	NS	000	C	$1848.00
052353	GTL3-182 240V 18KW	NS	000	C	$2106.00
052361	GTL3-184 480V 18KW	NS	000	C	$2106.00
052370	GTL3-242 240V 24KW	NS	000	C	$2426.00
052388	GTL3-244 480V 24KW	NS	000	C	$2426.00
052396	GTL3-272 240V 27KW	NS	000	C	$2658.00
052409	GTL3-274 480V 27KW	NS	000	C	$2658.00
052417	GTL3-302 240V 30KW	NS	000	C	$3118.00
052425	GTL3-304 480V 30KW	NS	000	C	$3118.00
052433	GTL3-362 240V 36KW	NS	000	C	$3778.00
052441	GTL3-364 480V 36KW	NS	000	C	$3778.00
	GDTL3 TRIPLE TUBE				
	L-SHAPED TITANIUM 20W/SQ.IN.				
052450	GDTL3-32 240V 3KW	NS	000	C	$1266.00
052468	GDTL3-34 480V 3KW	NS	000	C	$1266.00
052476	GDTL3-62 240V 6KW	NS	000	C	$1559.00
052484	GDTL3-64 480V 6KW	NS	000	C	$1559.00
052492	GDTL3-92 240V 9KW	NS	000	C	$2106.00
052505	GDTL3-94 480V 9KW	NS	000	C	$2106.00
052513	GDTL3-122 240V 12KW	NS	000	C	$2426.00
052521	GDTL3-124 480V 12KW	NS	000	C	$2426.00
052530	GDTL3-152 240V 15KW	NS	000	C	$3118.00
052548	GDTL3-154 480V 15KW	NS	000	C	$3118.00
052556	GDTL3-182 240V 18KW	NS	000	C	$3778.00
052564	GDTL3-184 480V 18KW	NS	000	C	$3778.00
	GSV3 TRIPLE TUBE				
	VERTICAL STACKED, L-SHAPED 316 SS 40 W/SQ. IN.				
052572	GSV3-32 240V 3KW	NS	000	C	$701.00
052580	GSV3-34 480V 3KW	NS	000	C	$701.00
052599	GSV3-62 240V 6KW	NS	000	C	$842.00
052601	GSV3-64 480V 6KW	NS	000	C	$842.00
052610	GSV3-92 240V 9KW	NS	000	C	$1004.00
052628	GSV3-94 480V 9KW	NS	000	C	$1004.00
052636	GSV3-122 240V 12KW	NS	000	C	$1080.00
052644	GSV3-124 480V 12KW	NS	000	C	$1080.00
052652	GSV3-152 240V 15KW	NS	000	C	$1182.00
052660	GSV3-154 480V 15KW	NS	000	C	$1182.00
052679	GSV3-182 240V 18KW	NS	000	C	$1264.00
052687	GSV3-184 480V 18KW	NS	000	C	$1264.00
052695	GSV3-242 240V 24KW	NS	000	C	$1456.00
052708	GSV3-244 480V 24KW	NS	000	C	$1456.00
052716	GSV3-272 240V 27KW	NS	000	C	$1627.00
052724	GSV3-274 480V 27KW	NS	000	C	$1627.00
052732	GSV3-302 240V 30KW	NS	000	C	$2085.00
052740	GSV3-304 240V 30KW	NS	000	C	$2085.00
052759	GSV3-362 240V 36KW	NS	000	C	$2400.00
052767	GSV3-364 480V 36KW	NS	000	C	$2400.00
	GDSV3 TRIPLE TUBE				
	VERTICAL STACKED, L-SHAPED 316 SS 20 W/SQ. IN. - Consult Factory				
	GTV3 TRIPLE TUBE				
	VERTICAL STACKED, L-SHAPED TITANIUM 40 W/SQ. IN.				
052898	GTV3-32 240V 3KW	NS	000	C	$975.00
052900	GTV3-34 480V 3KW	NS	000	C	$975.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
052919	GTV3-62 240V 6KW	NS	000	C	$1266.00
052927	GTV3-64 480V 6KW	NS	000	C	$1266.00
052935	GTV3-92 240V 9KW	NS	000	C	$1453.00
052943	GTV3-94 480V 9KW	NS	000	C	$1453.00
052951	GTV3-122 240V 12KW	NS	000	C	$1559.00
052960	GTV3-124 480V 12KW	NS	000	C	$1559.00
052978	GTV3-152 240V 15KW	NS	000	C	$1848.00
052986	GTV3-154 480V 15KW	NS	000	C	$1848.00
052994	GTV3-182 240V 18KW	NS	000	C	$2106.00
053006	GTV3-184 480V 18KW	NS	000	C	$2106.00
053014	GTV3-242 240V 24KW	NS	000	C	$2426.00
053022	GTV3-244 240V 24KW	NS	000	C	$2426.00
053030	GTV3-272 240V 27KW	NS	000	C	$2658.00
053049	GTV3-274 480V 27KW	NS	000	C	$2658.00
053057	GTV3-302 240V 30KW	NS	000	C	$3118.00
053065	GTV3-304 480V 30KW	NS	000	C	$3118.00
053073	GTV3-362 240V 36KW	NS	000	C	$3778.00
053081	GTV3-364 480V 36KW	NS	000	C	$3778.00

GDTV3 TRIPLE TUBE

VERTICAL STACKED, L-SHAPED TITANIUM 20 W/SQ. IN. - Consult Factory

FUSE 491

RESETTABLE FUSE CIRCUITRY

360321	RFM-EC	NS	000	C	$89.00

REPLACEMENT FUSES, SINGLE USE

360330	F 0 - 180/219F	NS	000	C	$39.00
360348	FM 0 - 230/262F	ST	000	C	$39.00
360356	FH 0 - 300/330F	NS	000	C	$39.00
360364	FT 0 - 180/219F	ST	000	C	$39.00
360372	FTM 0 - 230/262F	ST	000	C	$39.00
360399	FL 0 - 180/219F	NS	000	C	$53.50
360401	FLM 0 - 230/262F	ST	000	C	$53.50
360410	FLH 0 - 300/330F	NS	000	C	$53.50
224717	FLT 0 - 180/219F	NS	000	C	$53.50

REPLACEMENT FUSES, RESETTABLE/MULTI USE

360436	RF 0 - 180/219F	NS	000	C	$39.00
360444	RFM 0 - 230/262F	NS	000	C	$39.00
360452	RFH 0 -300/330F	NS	000	C	$39.00
360460	RFT 0 - 180/219	NS	000	C	$39.00
360479	RFTM 0 - 230/262F	NS	000	C	$39.00
360495	RFL 0 - 180/219F	NS	000	C	$53.50
360508	RFLM 0 - 230/262F	NS	000	C	$53.50
360516	RFLH 0 - 300/330F	NS	000	C	$53.50
224725	RFLT 0 - 180/219	NS	000	C	$53.50

CTS OVER-THE-SIDE 455

VERTICAL LOOP HEATER, P-120 PAGE 243

195901	CTS-50 240V1P 5.0KW	NS	020	A	$418.00
195910	CTS-75 240V1P 7.5KW	NS	020	A	$533.00
195928	CTC-50 240V1P 5.0KW	NS	020	A	$484.00
195936	CTC-75 240V1P 7.5KW	NS	020	A	$637.00
195944	CTSS-50 240V1P 5.0KW	ST	020	A	$438.00
195952	CTSS-75 240V1P 7.5KW	NS	020	A	$561.00
195995	CTAC-50 240V1P 5.0KW	NS	020	A	$500.00
196007	CTAC-75 240V1P 7.5KW	NS	020	A	$671.00
269350	CTT-50 240V1P 5.0KW	ST	036	A	$566.00
269368	CTT-75 240V1P 7.5KW	NS	036	A	$706.00

PCN	DESCRIPTION	SS	WT	D	PRICE

CH OVER-THE-SIDE 458

PORTABLE PLUG-IN SINK HEATER

093817	CHOTS-608 208V1P 6.0KW	ST	010	A	$913.00
093825	CHOTS-604 240V1P 6.0KW	ST	010	A	$913.00
093833	CHOTS-404 240V1P 4.0KW	ST	010	A	$913.00

PTH OVER-THE-SIDE 460

PLATING TANK HEATERS, 316 STAINLESS STEEL

326043	PTH-101 120V1P 1000W	ST	004	A	$246.00
326051	PTH-102 240V1P 1000W	ST	004	A	$246.00
326060	PTH-202 240V1P 2000W	ST	004	A	$294.00
326078	PTH-204 480V1P 2000W	NS	004	A	$294.00
326086	PTH-302 240V1P 3000W	ST	005	A	$321.00
326094	PTH-304 480V1P 3000W	ST	005	A	$321.00
326107	PTH-402 240V1P 4000W	ST	005	A	$344.00
326115	PTH-404 480V1P 4000W	ST	005	A	$344.00
326123	PTH-602 240V1P 6000W	ST	006	A	$432.00
326131	PTH-604 480V1P 6000W	ST	006	A	$432.00
326140	PTH-902 240V1P 9000W	NS	008	A	$555.00
326158	PTH-904 480V1P 9000W	ST	008	A	$555.00

Special features - PTH heaters

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. Extended leads & conduit, per foot or fraction thereof plus new item engineering charge.	$7
3. Increase A Dimension, per inch plus new item engineering charge	
- Unheated section	$8
- Heated section	$12
4. Increase C Dimension, per inch plus new item engineering charge	
5. Bend A dimension to form "L" shape, 90° in unheated section (send sketch showing critical dimension)	$12
Set-up charge for bending	$500
5. Bend in heated section "L" shape, 90° (also add new item engineering charge)	$23
Set-up charge for bending	$80
Other configurations, consult factory	

PTHT OVER THE SIDE 490

TITANIUM SHEATH, REFERENCE BULLETIN NO.PD308

098976	PTHT-101 120V1P 1000W	NS	000	A	$371.00
098984	PTHT-102 240V1P 1000W	NS	000	A	$371.00
098992	PTHT-202 240V1P 2000W	NS	000	A	$445.00
099004	PTHT-204 480V1P 2000W	NS	000	A	$445.00
099012	PTHT-302 240V1P 3000W	NS	000	A	$462.00
099020	PTHT-304 480V1P 3000W	NS	000	A	$462.00
099039	PTHT-402 240V1P 4000W	NS	000	A	$545.00
099047	PTHT-404 480V1P 4000W	NS	000	A	$545.00
099055	PTHT-602 240V1P 6000W	NS	000	A	$697.00
099063	PTHT-604 480V1P 6000W	NS	000	A	$697.00
099071	PTHT-802 240V1P 8000W	NS	000	A	$823.00
099080	PTHT-804 480V1P 8000W	NS	000	A	$823.00

PTHF THREE PHASE OVER THE SIDE 457

PLATING TANK HEATERS

098870	PTHF-302 240V3P 3000W	NS	000	A	$583.00
098880	PTHF-304 480V3P 3000W	NS	000	A	$583.00
098896	PTHF-402 240V3P 4000W	NS	000	A	$641.00
098909	PTHF-404 480V3P 4000W	NS	000	A	$641.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
098917	PTHF-602 240V3P 6000W	NS	000	A	$758.00
098925	PTHF-604 480V3P 6000W	ST	000	A	$758.00
098933	PTHF-802 240V3P 8000W	NS	000	A	$862.00
098941	PTHF-804 480V3P 8000W	ST	000	A	$862.00
098950	PTHF-1002 240V3P 10000W	ST	000	A	$971.00
098968	PTHF-1004 480V3P 10000W	ST	000	A	$971.00

QM QUARTZ SINGLE PHASE 465

W/O GUARD, GUARD REQUIRED ORDER BELOW

054973	QM-11 120V 1P 1KW	NS	000	C	$301.00
054981	QM-12 240V 1P 1KW	NS	000	C	$301.00
054990	QM-22 240V 1P 2KW	NS	000	C	$360.00
055001	QM-24 480V 1P 2KW	NS	000	C	$360.00
055010	QM-32 240V 1P 3KW	NS	000	C	$415.00
055028	QM-34 480V 1P 3KW	NS	000	C	$415.00
055036	QM-42 240V 1P 4KW	ST	000	C	$507.00
055044	QM-44 480V 1P 4KW	NS	000	C	$507.00
055052	QM-52 240V 1P 5KW	NS	000	C	$573.00
055060	QM-54 480V 1P 5KW	NS	000	C	$573.00
055079	QM-62 240V 1P 6KW	NS	000	C	$656.00
055087	QM-64 480V 1P 6KW	NS	000	C	$656.00
055095	QM-82 240V 1P 8KW	NS	000	C	$748.00
055108	QM-84 480V 1P 8KW	NS	000	C	$748.00
055116	QM-102 240V 1P 10KW	NS	000	C	$890.00
055124	QM-104 480V 1P 10KW	NS	000	C	$890.00

GUARD FOR QM SINGLE PHASE

055132	QM-1 GUARD	NS	000	C	$59.50
055140	GUARD FOR QM-22/QM-24	NS	000	C	$78.00
055159	QM-3 GUARD	ST	000	C	$82.00
055167	QM-4 GUARD	NS	000	C	$117.00
055175	QM-5 GUARD	NS	000	C	$133.00
055183	QM-6 GUARD	NS	000	C	$138.00
055191	QM-8 GUARD	NS	000	C	$166.00
055204	QM-10 GUARD	NS	000	C	$190.00

QM3 QUARTZ 3 PHASE

W/O GUARD, GUARD REQUIRED ORDER BELOW

055298	QM3-31 120V 3KW	NS	000	C	$822.00
055300	QM3-32 240V 3KW	NS	000	C	$822.00
055319	QM3-62 240V 6KW	NS	000	C	$982.00
055327	QM3-64 480V 6KW	NS	000	C	$982.00
055335	QM3-92 240V 9KW	NS	000	C	$1143.00
055343	QM3-94 480V 9KW	NS	000	C	$1143.00
055351	QM3-122 240V 12KW	NS	000	C	$1406.00
055360	QM3-124 480V 12KW	NS	000	C	$1406.00
055378	QM3-152 240V 15KW	NS	000	C	$1651.00
055386	QM3-154 480V 15KW	NS	000	C	$1651.00
055394	QM3-182 240V 18KW	NS	000	C	$1809.00
055407	QM3-184 480V 18KW	NS	000	C	$1809.00
055415	QM3-242 240V 24KW	NS	000	C	$2101.00
055423	QM3-244 480V 24KW	NS	000	C	$2101.00
055431	QM3-302 240V 30KW	NS	000		$2483.00
055440	QM3-304 480V 30KW	NS	000	C	$2483.00

QM3 GUARD 3 PHASE

055458	QM3-3 GUARD	NS	000	C	$155.00
055466	GUARD FOR QM3-62/QM3-64	NS	000	C	$164.00
055474	GUARD FOR QM3-92/QM3-94	NS	000	C	$186.00
055482	QM3-12 GUARD	NS	000	C	$252.00
055490	QM3-15 GUARD	NS	000	C	$262.00
055503	QM3-18 GUARD	NS	000	C	$285.00
055511	QM3-24 GUARD	NS	000	C	$301.00
055520	QM3-30 GUARD	NS	000	C	$337.00

BLCK,BLCS OVER-THE-SIDE 462

DEEP TANK HEATER, CIRCULAR BLADE MANHOLE CONST

192903	BLCK-MH618 240V1P 12.0KW	NS	042	A	$5747.00
192911	BLCK-MH618 240V3P 12.0KW	NS	042	A	$5747.00
192920	BLCK-MH618 480V1P 12.0KW	NS	042	A	$5747.00
192938	BLCK-MH618 480V3P 12.0KW	NS	042	A	$5747.00
192946	BLCK-MH824 240V1P 16.0KW	NS	055	A	$6613.00
192954	BLCK-MH824 240V3P 16.0KW	NS	055	A	$6613.00
192962	BLCK-MH824 480V1P 16.0KW	NS	055	A	$6613.00
192970	BLCK-MH824 480V3P 16.0KW	NS	055	A	$6613.00
192989	BLCK-MH1030 240V3P 20.0KW	NS	075	A	$7459.00
192997	BLCK-MH1030 480V1P 20.0KW	NS	075	A	$7459.00
193009	BLCK-MH1030 480V3P 20.0KW	NS	075	A	$7459.00
193017	BLCK-MH1236 240V3P 24.0KW	NS	090	A	$8261.00
193025	BLCK-MH1236 480V1P 24.0KW	NS	090	A	$8261.00
193033	BLCK-MH1236 480V3P 24.0KW	NS	090	A	$8262.00
258925	BLCK-MH618 240V1P 7.5KW	NS	042	A	$5747.00
258933	BLCK-MH618 240V3P 7.5KW	NS	042	A	$5747.00
258941	BLCK-MH618 480V1P 7.5KW	NS	042	A	$5747.00
258950	BLCK-MH618 480V3P 7.5KW	NS	042	A	$5747.00
258968	BLCK-MH824 240V1P 10.0KW	NS	055	A	$6613.00
258976	BLCK-MH824 240V3P 10.0KW	NS	055	A	$6613.00
258984	BLCK-MH824 480V1P 10.0KW	NS	055	A	$6613.00
258992	BLCK-MH824 480V3P 10.0KW	NS	055	A	$6613.00
259004	BLCK-MH1030 240V1P 12.5KW	NS	075	A	$7459.00
259020	BLCK-MH1030 480V1P 12.5KW	NS	075	A	$7459.00
259039	BLCK-MH1030 480V3P 12.5KW	NS	075	A	$7459.00
259047	BLCK-MH1236 240V1P 15.0KW	NS	090	A	$8261.00
259055	BLCK-MH1236 240V3P 15.0KW	NS	090	A	$8261.00
259063	BLCK-MH1236 480V1P 15.0KW	NS	090	A	$8261.00
259071	BLCK-MH1236 480V3P 15.0KW	NS	090	A	$8262.00

STRAIGHT BLADE, DEEP TANK STRAIGHT BLADE

193068	BLCS-618 240V1P 12.0KW	NS	042	A	$4789.00
193076	BLCS-618 240V3P 12.0KW	NS	042	A	$4789.00
193084	BLCS-618 480V1P 12.0KW	NS	042	A	$4789.00
193092	BLCS-618 480V3P 12.0KW	NS	042	A	$4789.00
193105	BLCS-824 240V1P 16.0KW	NS	055	A	$5415.00
193113	BLCS-824 240V3P 16.0KW	NS	055	A	$5415.00
193121	BLCS-824 480V1P 16.0KW	NS	055	A	$5415.00
193130	BLCS-824 480V3P 16.0KW	NS	055	A	$5415.00
193148	BLCS-1030 240V3P 20.0KW	NS	075	A	$6106.00
193156	BLCS-1030 480V1P 20.0KW	NS	075	A	$6106.00
193164	BLCS-1030 480V3P 20.0KW	NS	075	A	$5986.00
193172	BLCS-1236 240V3P 24.0KW	NS	090	A	$6884.00
193180	BLCS-1236 480V1P 24.0KW	NS	090	A	$6884.00
193199	BLCS-1236 480V3P 24.0KW	NS	090	A	$6884.00
259100	BLCS-618 240V1P 7.5KW	NS	042	A	$4789.00
259119	BLCS-618 240V3P 7.5KW	NS	042	A	$4789.00
259127	BLCS-618 480V1P 7.5KW	NS	042	A	$4789.00
259135	BLCS-618 480V3P 7.5KW	NS	042	A	$4789.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
259143	BLCS-824 240V1P 10.0KW	NS	055	A	$5415.00
259151	BLCS-824 240V3P 10.0KW	NS	055	A	$5415.00
259160	BLCS-824 480V1P 10.0KW	NS	055	A	$5415.00
259178	BLCS-824 480V3P 10.0KW	NS	055	A	$5415.00
259186	BLCS-1030 240V1P 12.5KW	NS	075	A	$6106.00
259194	BLCS-1030 240V3P 12.5KW	NS	075	A	$6106.00
259207	BLCS-1030 480V1P 12.5KW	NS	075	A	$6106.00
259215	BLCS-1030 480V3P 12.5KW	NS	075	A	$6106.00
259223	BLCS-1236 240V1P 15.0KW	NS	090	A	$6884.00
259231	BLCS-1236 240V3P 15.0KW	NS	090	A	$6884.00
259240	BLCS-1236 480V1P 15.0KW	NS	090	A	$6884.00
259258	BLCS-1236 480V3P 15.0KW	NS	090	A	$6884.00

Additional features

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. Special riser length, per inch (standard length 12 ft., maximum thermostat capillary length is 15 feet)	$5
3. Steel sludge legs, 4 inch	$16
4. Alternate range thermostat (for type BLCK-MH standard 60-250 F)	
'- 0 to 100 deg. F, 12 ft. capillary length only.	
- 200 to 550 deg. F, 7 FT. capillary length only.	
5. Bathtub term box with AR thermostat (for BLCS standard w/o thermostat), 0 to 100 def. F, 200 to 550 deg. F,	$212
6. Explosion resistant terminal housing Type BLCK/MH	$265
7. Explosion resistant terminal housing Type BLCS	
- with AR-add	$265
- without AR (standard construction)-no charge.	
8. 304 stainless steel construction, add to standard list price	40%

CIT OVER-THE-SIDE 464

SOFT METAL HEATERS

196058	CIT-218 240V1P 3.0KW	NS	022	A	$1135.00
196031	CIT-1612 240V1P 5.0KW	ST	040	A	$1678.00
196040	CIT-1619 240V1P 5.0KW	ST	055	A	$1809.00
196023	CIT-2219 240V1P 5.0KW	NS	051	A	$1761.00
196015	CIT-2319 240V1P 10.0KW	NS	080	A	$2851.00

ALON Ceramic Immersion Heater 910

CS - Consult Factory

TPR,TPF OVER-THE-SIDE 456

FLUOROPOLYMER COATED, METAL SHEATH, INTEGRAL CUTOUT, SINGLE PHASE

097287	TPR-101 120V1P 1000W	ST	006	A	$626.00
097295	TPR-102 240V1P 1000W	NS	006	A	$626.00
097308	TPR-202 240V1P 2000W	NS	007	A	$741.00
097316	TPR-204 480V1P 2000W	NS	007	A	$764.00
097324	TPR-302 240V1P 3000W	NS	008	A	$939.00
097332	TPR-304 480V1P 3000W	NS	008	A	$939.00
097340	TPR-402 240V1P 4000W	NS	009	A	$1203.00
097359	TPR-404 480V1P 4000W	NS	009	A	$1203.00
097367	TPR-602 240V1P 6000W	ST	012	A	$1501.00
097375	TPR-604 480V1P 6000W	NS	012	A	$1548.00
097383	TPR-802 240V1P 8000W	NS	014	A	$2016.00
097391	TPR-804 480V1P 8000W	NS	014		$2016.00

FLUOROPOLYMER COATED, METAL SHEATH, INTEGRAL CUTOUT, THREE PHASE

097439	TPF-302 240V3P 3000W	ST	008	A	$1172.00
097455	TPF-402 240V3P 4000W	NS	009	A	$1303.00
097463	TPF-404 480V3P 4000W	NS	009	A	$1303.00
097471	TPF-602 240V3P 6000W	NS	011	A	$1682.00
097480	TPF-604 480V3P 6000W	ST	011	A	$1682.00
097498	TPF-802 240V3P 8000W	ST	012	A	$2012.00
097500	TPF-804 480V3P 8000W	ST	012	A	$2012.00
097535	TPF-1002 240V3P 10000W	NS	014	A	$2488.00
097543	TPF-1004 480V3P 10000W	NS	014	A	$2488.00

GTF,GTFL, GXF,GXFL 467

FLUOROPOLYMER COATED, METAL SHEATH, GTF: SPIRAL WOUND, SINGLE PHASE

053217	GTF-11 120V 1P 1KW	ST	000	C	$472.00
053225	GTF-12 240V 1P 1KW	NS	000	C	$472.00
053233	GTF-22 240V 1P 2KW	ST	000	C	$631.00
053241	GTF-24 480V 1P 2KW	ST	000	C	$631.00
053250	GTF-32 240V 1P 3KW	ST	000	C	$764.00
053268	GTF-34 480V 1P 3KW	NS	000	C	$764.00
053276	GTF-42 240V 1P 4KW	NS	000	C	$1042.00
053284	GTF-44 480V 1P 4KW	NS	000	C	$1042.00
053292	GTF-52 240V 1P 5KW	NS	000	C	$1177.00
053305	GTF-54 480V 1P 5KW	NS	000	C	$1177.00
053313	GTF-62 240V 1P 6KW	NS	000	C	$1285.00
053321	GTF-64 480V 1P 6KW	NS	000	C	$1285.00

GUARD FOR GTF

053330	GTF-1 GUARD	ST	000	C	$133.00
053348	GTF-2 GUARD	NS	000	C	$141.00
053356	GTF-3 GUARD	NS	000	C	$152.00
053364	GTF-4 GUARD	NS	000	C	$162.00
053372	GTF-5 GUARD	NS	000	C	$171.00
053380	GTF-6 GUARD	NS	000	C	$178.00

GXF STRAIGHT SLIM LINE

SINGLE PHASE, GTFN OBSOLETE USE GXF

354010	GXF-11 120V 1KW	NS	000	C	$480.00
354028	GXF-12 240V 1KW	NS	000	C	$480.00
354036	GXF-22 240V 2KW	NS	000	C	$645.00
354044	GXF-24 480V 2KW	NS	000	C	$645.00
354052	GXF-32 240V 3KW	NS	000	C	$779.00
354060	GXF-34 480V 3KW	NS	000	C	$779.00
354079	GXF-42 240V 4KW	NS	000	C	$1060.00
354087	GXF-44 480V 4KW	NS	000	C	$1060.00
354095	GXF-52 240V 5KW	NS	000	C	$1197.00
354108	GXF-54 480V 5KW	NS	000	C	$1197.00
354116	GXF-62 240V 6KW	NS	000	C	$1308.00
354124	GXF-64 480V 6 KW	NS	000	C	$1308.00

GUARD FOR GXF

354255	GXF-1 GUARD	NS	000	C	$158.00
354263	GXF-2 GUARD	NS	000	C	$172.00
354271	GXF-3 GUARD	NS	000	C	$193.00
354280	GXF-4 GUARD	NS	000	C	$212.00
354298	GXF-5 GUARD	NS	000	C	$245.00
354300	GXF-6 GUARD	NS	000	C	$268.00

GTFL: L SHAPE SPIRAL WOUND

SINGLE PHASE

053698	GTFL-11 120V 1KW	NS	000	C	$506.00
053700	GTFL-12 240V 1KW	NS	000	C	$506.00
053719	GTFL-22 240V 2KW	NS	000	C	$661.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
053727	GTFL-24 480V 2KW	NS	000	C	$661.00
053735	GTFL-32 240V 3KW	NS	000	C	$798.00
053743	GTFL-34 480V 3KW	NS	000	C	$798.00
053751	GTFL-42 240V 4KW	NS	000	C	$1076.00
053760	GTFL-44 480V 4KW	NS	000	C	$1076.00
053778	GTFL-52 240V 5KW	NS	000	C	$1213.00
053786	GTFL-54 480V 5KW	NS	000	C	$1213.00
053794	GTFL-62 240V 6KW	NS	000	C	$1316.00
053807	GTFL-64 480V 6KW	NS	000	C	$1316.00
GUARD FOR GTFL					
053815	GTFL-1 GUARD	NS	000	C	$143.00
053823	GTFL-2 GUARD	NS	000	C	$171.00
053831	GTFL-3 GUARD	NS	000	C	$175.00
053840	GTFL-4 GUARD	NS	000	C	$184.00
053858	GTFL-5 GUARD	NS	000	C	$210.00
053866	GTFL6-GUARD	NS	000	C	$229.00

GXFL L SHAPE SLIM LINE

SINGLE PHASE, GTFNL OBSOLETE USE GXFL					
354132	GXFL-11 120V 1KW	NS	000	C	$521.00
354140	GXFL-12 240V 1KW	NS	000	C	$521.00
354159	GXFL-22 240V 2KW	NS	000	C	$682.00
354167	GXFL-24 480V 2KW	NS	000	C	$682.00
354175	GXFL-32 240V 3KW	NS	000	C	$822.00
354183	GXFL-34 480V 3KW	NS	000	C	$822.00
354191	GXFL-42 240V 4KW	NS	000	C	$1110.00
354204	GXFL-44 480V 4KW	NS	000	C	$1110.00
354212	GXFL-52 240V 5KW	NS	000	C	$1250.00
354220	GXFL-54 480V 5KW	NS	000	C	$1250.00
354239	GXFL-62 240V 6KW	NS	000	C	$1357.00
354247	GXFL-64 480V 6KW	NS	000	C	$1357.00
GUARD FOR GXFL					
354319	GXFL-1 GUARD	NS	000	C	$169.00
354327	GXFL-2 GUARD	NS	000	C	$182.00
354335	GXFL-3 GUARD	NS	000	C	$212.00
354343	GXFL-4 GUARD	NS	000	C	$231.00
354351	GXFL-5 GUARD	NS	000	C	$257.00
354360	GXFL-6 GUARD	NS	000	C	$279.00

GTFL3 LSHAPE SPIRAL WOUND

FLUOROPOLYMER COATED, METAL SHEATH, 3 PHASE					
054172	GTFL3-32 240V 3KW	NS	000	C	$1202.00
054180	GTFL3-34 480V 3KW	NS	000	C	$1202.00
054199	GTFL3-62 240V 6KW	NS	000	C	$1842.00
054201	GTFL3-64 480V 6KW	NS	000	C	$1842.00
054210	GTFL3-92 240V 9KW	NS	000	C	$2156.00
054228	GTFL3-94 480V 9KW	NS	000	C	$2156.00
054236	GTFL3-122 240V 12KW	NS	000	C	$2301.00
054244	GTFL3-124 480V 12KW	NS	000	C	$2301.00
054252	GTFL3-152 240V 15KW	NS	000	C	$2720.00
054260	GTFL3-154 480V 15KW	NS	000	C	$2720.00
054279	GTFL3-182 240V 18KW	NS	000	C	$3093.00
054287	GTFL3-184 480V 18KW	NS	000	C	$3093.00
GUARD FOR GTFL3					
054295	GTFL3-3 GUARD	NS	000	C	$255.00
054308	GTFL3-6 GUARD	NS	000	C	$298.00
054316	GTFL3-9 GUARD	NS	000	C	$316.00
054324	GTFL3-12 GUARD	NS	000	C	$351.00
054332	GTFL3-15 GUARD	NS	000	C	$457.00
054340	GTFL3-18 GUARD	NS	000	C	$521.00
GTF6 3 PHASE, STRAIGHT 6 ELEMENTS, FLUOROPOLYMER COATED, METAL SHEATH					
054412	GTF6-22 240V 3P 2KW	NS	000	C	$873.00
054420	GTF6-24 480V 2KW	NS	000	C	$873.00
054439	GTF6-32 240V 3P 3KW	NS	000	C	$969.00
054447	GTF6-34 480V 3P 3KW	NS	000	C	$969.00
054455	GTF6-42 240V 3P 4KW	NS	000	C	$1109.00
054463	GTF6-44 480V 3P 4KW	NS	000	C	$1109.00
054471	GTF6-62 240V 3P 6KW	NS	000	C	$1345.00
054480	GTF6-64 480V 3P 6KW	NS	000	C	$1345.00
054498	GTF6-82 240V 3P 8KW	NS	000	C	$1575.00
054500	GTF6-84 480V 3P 8KW	NS	000	C	$1575.00
054519	GTF6-102 240V 10KW	NS	000	C	$1914.00
054527	GTF6-104 480V 10KW	NS	000	C	$1914.00
054535	GTF6-122 240V 3P 12KW	NS	000	C	$2058.00
054543	GTF6-124 480V 3P 12KW	NS	000	C	$2058.00
GUARD FOR GTF6					
054551	GTF6-2 GUARD	NS	000	C	$172.00
054560	GTF6-3 GUARD	NS	000	C	$192.00
054578	GTF6-4 GUARD	NS	000	C	$209.00
054586	GTF6- GUARD	NS	000	C	$232.00
054594	GTF6-8 GUARD	NS	000	C	$268.00
054607	GTF6-10 GUARD	NS	000	C	$352.00
054615	GTF6-12 GUARD	NS	000	C	$401.00

GTF9 3 PHASE

STRAIGHT 9 ELEMENTS, FLUOROPOLYMER COATED, METAL SHEATH					
054690	GTF9-32 240V 3KW	NS	000	C	$1185.00
054703	GTF9-34 480V 3KW	NS	000	C	$1185.00
054711	GTF9-452 240V 4.5KW	NS	000	C	$1335.00
054720	GTF9-454 480V 4.5KW	NS	000	C	$1335.00
054738	GTF9-62 240V 6KW	NS	000	C	$1514.00
054746	GTF9-64 480V 6KW	NS	000	C	$1514.00
054754	GTF9-92 240V 9KW	NS	000	C	$1830.00
054762	GTF9-94 480V 9KW	NS	000	C	$1830.00
054770	GTF9-122 240V 12KW	NS	000	C	$2139.00
054789	GTF9-124 480V 12KW	NS	000	C	$2139.00
054797	GTF9-152 240V 15KW	NS	000	C	$2607.00
054800	GTF9-154 480V 15KW	NS	000	C	$2607.00
054818	GTF9-182 240V 18KW	NS	000	C	$2802.00
054826	GTF9-184 480V 18KW	NS	000	C	$2802.00
GUARD FOR GTF9					
054834	GTF9-3 GUARD	NS	000	C	$202.00
054842	GTF9-452/454 GUARD	NS	000	C	$229.00
054850	GTF9-6 GUARD	NS	000	C	$242.00
054869	GTF9-9 GUARD	NS	000	C	$275.00
054877	GTF9-12 GUARD	NS	000	C	$317.00
054885	GTF9-15 GUARD	NS	000	C	$413.00
054893	GTF9-18 GUARD	NS	000	C	$480.00

TBL OVER-THE-SIDE 469

SALT BATH HEATER					
192735	TBL-1301 240V1P 3.0KW	NS	018	A	$1495.00
192727	TBL-1301 480V1P 3.0KW	NS	018	A	$1495.00
192743	TBL-4501 240V1P 4.5KW	NS	021	A	$1550.00
192751	TBL-4501 480V1P 4.5KW	NS	021	A	$1550.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
192760	TBL-6001 240V1P 6.0KW	NS	027	A	$1705.00
192778	TBL-6001 480V1P 6.0KW	NS	027	A	$1705.00
192786	TBL-7501 240V1P 7.5KW	NS	035	A	$1839.00
192794	TBL-7501 480V1P 7.5KW	NS	035	A	$1839.00
192807	TBL-A-131 240V1P 3.0KW	NS	018	A	$1946.00
192815	TBL-A-131 480V1P 3.0KW	NS	018	A	$1946.00
192823	TBL-A-451 240V1P 4.5KW	NS	021	A	$2055.00
192831	TBL-A-451 480V1P 4.5KW	NS	021	A	$2055.00
192840	TBL-A-601 240V1P 6.0KW	NS	027	A	$2321.00
192851	TBL-A-601 480V1P 6.0KW	NS	027	A	$2321.00
192866	TBL-A-751 240V1P 7.5KW	NS	035	A	$2501.00
192874	TBL-A-751 480V1P 7.5KW	NS	035	A	$2501.00

Additional features

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. 3/4 in. sludge legs factory installed	
- Steel	$11
- Alloy	$16
3. Special A dimension	
- Steel	$11
- Alloy	$25

GHTF 492

FLUOROPOLYMER COATED, GRTF Design Obsolete

362010	GHTF-118	NS	000	C	$702.00
362028	GHTF - 218	NS	000	C	$1312.00
362036	GHTF - 222	NS	000	C	$1367.00
362044	GHTF - 422	NS	000	C	$1847.00
365052	GHTF - 224	NS	000	C	$1801.00
362060	GHTF - 424	NS	000	C	$2462.00
362079	GHTF - 624	NS	000	C	$3041.00
362087	GHTF - 824	NS	000	C	$3536.00
362095	GHTF - 230	NS	000	C	$2408.00
362108	GHTF - 430	NS	000	C	$3483.00
362116	GHTF - 630	NS	000	C	$4087.00
362124	GHTF - 830	NS	000	C	$5280.00

US HEAT EXCHANGER 492

316 SS 1, 4 AND 6 PASS

055765	US1-12-18 HEAT EXCHANGER	NS	000	C	$102.00
055773	US1-12-24 HEAT EXCHANGER	NS	000	C	$116.00
055781	US1-12-30 HEAT EXCHANGER	NS	000	C	$125.00
055790	US1-12-36 HEAT EXCHANGER	NS	000	C	$135.00
055802	US1-12-42 HEAT EXCHANGER	NS	000	C	$145.00
055810	US1-12-48 HEAT EXCHANGER	NS	000	C	$160.00
055829	US1-12-54 HEAT EXCHANGER	NS	000	C	$173.00
055837	US1-12-60 HEAT EXCHANGER	NS	000	C	$178.00
055845	US4-24-36 HEAT EXCHANGER	NS	000	C	$277.00
055853	US4-36-36 HEAT EXCHANGER	NS	000	C	$319.00
055861	US4-48-36 HEAT EXCHANGER	NS	000	C	$360.00
055870	US4-60-36 HEAT EXCHANGER	NS	000	C	$398.00
055888	US4-78-36 HEAT EXCHANGER	NS	000	C	$463.00
055896	US4-96-36 HEAT EXCHANGER	NS	000	C	$518.00
055909	US6-20-48 HEAT EXCHANGER	NS	000	C	$349.00
055917	US6-30-48 HEAT EXCHANGER	NS	000	C	$397.00
055925	US6-40-48 HEAT EXCHANGER	NS	000	C	$447.00
055933	US6-50-48 HEAT EXCHANGER	NS	000	C	$495.00
055941	US6-60-48 HEAT EXCHANGER	NS	000	C	$565.00
055950	US6-70-48 HEAT EXCHANGER	NS	000	C	$596.00

UT HEAT EXCHANGER 492

TITANIUM 1,4 AND 6 PASS

055968	UT1-12-18 HEAT EXCHANGER	NS	000	C	$249.00
055976	UT1-12-24 HEAT EXCHANGER	NS	000	C	$292.00
055984	UT1-12-30 HEAT EXCHANGER	NS	000	C	$338.00
055992	UT1-12-36 HEAT EXCHANGER	NS	000	C	$381.00
056004	UT1-12-42 HEAT EXCHANGER	NS	000	C	$424.00
056012	UT1-12-48 HEAT EXCHANGER	NS	000	C	$474.00
056020	UT1-12-54 HEAT EXCHANGER	NS	000	C	$518.00
056039	UT1-12-60 HEAT EXCHANGER	NS	000	C	$563.00
056047	UT4-24-36 HEAT EXCHANGER	NS	000	C	$538.00
056055	UT4-36-36 HEAT EXCHANGER	NS	000	C	$712.00
056063	UT4-48-36 HEAT EXCHANGER	NS	000	C	$866.00
056071	UT4-60-36 HEAT EXCHANGER	NS	000	C	$1016.00
056080	UT4-78-36 HEAT EXCHANGER	NS	000	C	$1246.00
056098	UT4-96-36 HEAT EXCHANGER	NS	000	C	$1473.00
056100	UT6-20-48 HEAT EXCHANGER	NS	000	C	$659.00
056119	UT6-30-48 HEAT EXCHANGER	NS	000	C	$873.00
056127	UT6-40-48 HEAT EXCHANGER	NS	000	C	$1064.00
056135	UT6-50-48 HEAT EXCHANGER	NS	000	C	$1255.00
056143	UT6-60-48 HEAT EXCHANGER	NS	000	C	$1445.00
056151	UT6-70-48 HEAT EXCHANGER	NS	000	C	$1635.00

GRS HEAT EXCHANGER 492

316SS 12 TO 42 INCH WIDTH

056160	GRS-12-24	NS	000	C	$430.00
056178	GRS-12-30	NS	000	C	$473.00
056186	GRS-12-36	NS	000	C	$506.00
056194	GRS-12-48	NS	000	C	$586.00
056207	GRS-12-60	NS	000	C	$661.00
056215	GRS-12-72	NS	000	C	$753.00
056223	GRS-12-84	NS	000	C	$818.00
056231	GRS-12-96	NS	000	C	$933.00
056240	GRS-12-108	NS	000	C	$1010.00
056258	GRS-12-120	NS	000	C	$1086.00
056266	GRS-12-132	NS	000	C	$1165.00
056274	GRS-12-144	NS	000	C	$1239.00
056282	GRS-18-24	NS	000	C	$599.00
056290	GRS-18-30	NS	000	C	$658.00
056303	GRS-18-36	NS	000	C	$713.00
056311	GRS-18-48	NS	000	C	$835.00
056320	GRS-18-60	NS	000	C	$946.00
056338	GRS-18-72	NS	000	C	$1064.00
056346	GRS-18-84	NS	000	C	$1179.00
056354	GRS-18-96	NS	000	C	$1352.00
056362	GRS-18-108	NS	000	C	$1473.00
056370	GRS-18-120	NS	000	C	$1583.00
056389	GRS-18-132	NS	000	C	$1702.00
056397	GRS-18-144	NS	000	C	$1814.00
056400	GRS-24-24	NS	000	C	$776.00
056418	GRS-24-30	NS	000	C	$846.00
056426	GRS-24-36	NS	000	C	$926.00
056434	GRS-24-48	NS	000	C	$1059.00
056442	GRS-24-60	NS	000	C	$1229.00
056450	GRS-24-72	NS	000	C	$1387.00
056469	GRS-24-84	NS	000	C	$1542.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
056477	GRS-24-96	NS	000	C	$1776.00
056485	GRS-24-108	NS	000	C	$1946.00
056493	GRS-24-120	NS	000	C	$2088.00
056506	GRS-24-132	NS	000	C	$2239.00
056514	GRS-24-144	NS	000	C	$2393.00
056522	GRS-30-24	NS	000	C	$942.00
056530	GRS-30-30	NS	000	C	$1038.00
056549	GRS-30-36	NS	000	C	$1134.00
056557	GRS-30-48	NS	000	C	$1330.00
056565	GRS-30-60	NS	000	C	$1518.00
056573	GRS-30-72	NS	000	C	$1709.00
056581	GRS-30-84	NS	000	C	$1903.00
056590	GRS-30-96	NS	000	C	$2198.00
056602	GRS-30-108	NS	000	C	$2392.00
056610	GRS-30-120	NS	000	C	$2580.00
056629	GRS-30-132	NS	000	C	$2770.00
056637	GRS-30-144	NS	000	C	$2966.00
056645	GRS-36-24	NS	000	C	$1112.00
056653	GRS-36-30	NS	000	C	$1226.00
056661	GRS-36-36	NS	000	C	$1340.00
056670	GRS-36-48	NS	000	C	$1571.00
056688	GRS-36-60	NS	000	C	$1802.00
056696	GRS-36-72	NS	000	C	$2032.00
056709	GRS-36-84	NS	000	C	$2260.00
056717	GRS-36-96	NS	000	C	$2617.00
056725	GRS-36-108	NS	000	C	$2841.00
056733	GRS-36-120	NS	000	C	$3080.00
056741	GRS-36-132	NS	000	C	$3307.00
056750	GRS-36-144	NS	000	C	$3539.00
056768	GRS-42-24	NS	000	C	$1280.00
056776	GRS-42-30	NS	000	C	$1415.00
056784	GRS-42-36	NS	000	C	$1551.00
056792	GRS-42-48	NS	000	C	$1815.00
056805	GRS-42-60	NS	000	C	$2090.00
056813	GRS-42-72	NS	000	C	$2357.00
056821	GRS-42-84	NS	000	C	$2626.00
056830	GRS-42-96	NS	000	C	$3037.00
056848	GRS-42-108	NS	000	C	$3305.00
056856	GRS-42-120	NS	000	C	$3575.00
056864	GRS-42-132	NS	000	C	$3848.00
056872	GRS-42-144	NS	000	C	$4116.00

GRT HEAT EXCHANGER 492

TITANIUM 12 TO 42 INCH WIDTH

PCN	DESCRIPTION	SS	WT	D	PRICE
056880	GRT-12-24	NS	000	C	$792.00
056899	GRT-12-30	NS	000	C	$898.00
056901	GRT-12-36	NS	000	C	$981.00
056910	GRT-12-48	NS	000	C	$1145.00
056928	GRT-12-60	NS	000	C	$1311.00
056936	GRT-12-72	NS	000	C	$1476.00
056944	GRT-12-84	NS	000	C	$1642.00
056952	GRT-12-96	NS	000	C	$1808.00
056960	GRT-12-108	NS	000	C	$1970.00
056979	GRT-12-120	NS	000	C	$2137.00
056987	GRT-12-132	NS	000	C	$2303.00
056995	GRT-12-144	NS	000	C	$2469.00
057007	GRT-18-24	NS	000	C	$1112.00
057015	GRT-18-30	NS	000	C	$1260.00
057023	GRT-18-36	NS	000	C	$1386.00
057031	GRT-18-48	NS	000	C	$1635.00
057040	GRT-18-60	NS	000	C	$1882.00
057058	GRT-18-72	NS	000	C	$2129.00
057066	GRT-18-84	NS	000	C	$2377.00
057074	GRT-18-96	NS	000	C	$2624.00
057082	GRT-18-108	NS	000	C	$2872.00
057090	GRT-18-120	NS	000	C	$3122.00
057103	GRT-18-132	NS	000	C	$3368.00
057111	GRT-18-144	NS	000	C	$3616.00
057120	GRT-24-24	NS	000	C	$1473.00
057138	GRT-24-30	NS	000	C	$1663.00
057146	GRT-24-36	NS	000	C	$1826.00
057154	GRT-24-48	NS	000	C	$2157.00
057162	GRT-24-60	NS	000	C	$2489.00
057170	GRT-24-72	NS	000	C	$2819.00
057189	GRT-24-84	NS	000	C	$3150.00
057197	GRT-24-96	NS	000	C	$3480.00
057200	GRT-24-108	NS	000	C	$3811.00
057218	GRT-24-120	NS	000	C	$4142.00
057226	GRT-24-132	NS	000	C	$4471.00
057234	GRT-24-144	NS	000	C	$4803.00
057242	GRT-30-24	NS	000	C	$1882.00
057250	GRT-30-30	NS	000	C	$2113.00
057269	GRT-30-36	NS	000	C	$2317.00
057277	GRT-30-48	NS	000	C	$2730.00
057285	GRT-30-60	NS	000	C	$3143.00
057293	GRT-30-72	NS	000	C	$3559.00
057306	GRT-30-84	NS	000	C	$3971.00
057314	GRT-30-96	NS	000	C	$4383.00
057322	GRT-30-108	NS	000	C	$4796.00
057330	GRT-30-120	NS	000	C	$5208.00
057349	GRT-30-132	NS	000	C	$5623.00
057357	GRT-30-144	NS	000	C	$6035.00
057365	GRT-36-24	NS	000	C	$2215.00
057373	GRT-36-30	NS	000	C	$2487.00
057381	GRT-36-36	NS	000	C	$2735.00
057390	GRT-36-48	NS	000	C	$3231.00
057402	GRT-36-60	NS	000	C	$3729.00
057410	GRT-36-72	NS	000	C	$4223.00
057429	GRT-36-84	NS	000	C	$4716.00
057437	GRT-36-96	NS	000	C	$5214.00
057445	GRT-36-108	NS	000	C	$5708.00
057453	GRT-36-120	NS	000	C	$6202.00
057461	GRT-36-132	NS	000	C	$6702.00
057470	GRT-36-144	NS	000	C	$7196.00
057488	GRT-42-24	NS	000	C	$2489.00
057496	GRT-42-30	NS	000	C	$2801.00
057509	GRT-42-36	NS	000	C	$3090.00
057517	GRT-42-48	NS	000	C	$3669.00
057525	GRT-42-60	NS	000	C	$4248.00
057533	GRT-42-72	NS	000	C	$4826.00
057541	GRT-42-84	NS	000	C	$5404.00
057550	GRT-42-96	NS	000	C	$5982.00
057568	GRT-42-108	NS	000	C	$6560.00
057576	GRT-42-120	NS	000	C	$7139.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
057584	GRT-42-132	NS	000	C	$7718.00
057592	GRT-42-144	NS	000	C	$8295.00
	RAD RADIANT HEATERS 511				
110015	RAD-2063BX35 120V1P .400KW	ST	004	A	$358.00
110023	RAD-2063BX29 120V1P .650KW	ST	004	A	$374.00
110031	RAD-2083B 120V1P .800KW	ST	004	A	$334.00
110040	RAD-2083B 240V1P .800KW	ST	004	A	$334.00
110058	RAD-2083BV 208V1P .800KW	NS	004	A	$334.00
110066	RAD-2083BV 275V1P .800KW	NS	004	A	$334.00
110074	RAD-3113B 120V1P 1.100KW	ST	005	A	$375.00
110090	RAD-3113BV 208V1P 1.100KW	NS	005	A	$375.00
110082	RAD-31138 240V1P 1.100KW	ST	000	A	$375.00
110103	RAD-3113BV 275V1P 1.100KW	NS	005	A	$375.00
114841	RAD-3133BV 208V1P 1.300KW	NS	006	A	$428.00
114850	RAD-3133B 240V1P 1.300KW	NS	006	A	$428.00
114868	RAD-3133BV 275V1P 1.300KW	NS	006	A	$428.00
114876	RAD-3133B 480V1P 1.300KW	NS	006	A	$428.00
110138	RAD-4183BV 208V1P 1.800KW	ST	008	A	$459.00
110111	RAD-4183B 240V1P 1.800KW	ST	008	A	$459.00
110146	RAD-4183BV 275V1P 1.800KW	NS	008	A	$459.00
110120	RAD-4183B 480V1P 1.800KW	ST	008	A	$459.00
114884	RAD-5213BV 208V1P 2.150KW	NS	009	A	$519.00
114892	RAD-5213B 240V1P 2.150KW	NS	009	A	$519.00
114905	RAD-5213BV 275V1P 2.150KW	NS	009	A	$519.00
114913	RAD-5213B 480V1P 2.150KW	NS	009	A	$519.00
110170	RAD-5253BV 208V1P 2.500KW	NS	010	A	$576.00
110154	RAD-5253B 240V1P 2.500KW	ST	010	A	$576.00
110189	RAD-5253BV 275V1P 2.500KW	NS	010	A	$576.00
110162	RAD-5253B 480V1P 2.500KW	ST	010	A	$576.00
114921	RAD-6273BV 208V1P 2.700KW	NS	011	A	$608.00
114930	RAD-6273B 240V1P 2.700KW	NS	011	A	$608.00
114948	RAD-6273BV 275V1P 2.700KW	NS	011	A	$594.00
114956	RAD-6273B 480V1P 2.700KW	NS	011	A	$608.00
110218	RAD-6303BV 208V1P 3.000KW	NS	012	A	$648.00
110197	RAD-6303B 240V1P 3.000KW	ST	012	A	$648.00
110226	RAD-6303BV 275V1P 3.000KW	NS	012	A	$648.00
110200	RAD-6303B 480V1P 3.000KW	ST	012	A	$648.00
114964	RAD-7333BV 208V1P 3.350KW	NS	013	A	$660.00
114972	RAD-7333B 240V1P 3.350KW	NS	013	A	$677.00
114980	RAD-7333BV 275V1P 3.350KW	NS	013	A	$660.00
114999	RAD-7333B 480V1P 3.350KW	NS	013	A	$677.00
110250	RAD-7363BV 208V1P 3.600KW	NS	014	A	$725.00
110234	RAD-7363B 240V1P 3.600KW	ST	014	A	$725.00
110269	RAD-7363BV 275V1P 3.600KW	NS	014	A	$703.00
110242	RAD-7363B 480V1P 3.600KW	ST	014	A	$725.00
115000	RAD-8453BV 208V1P 4.500KW	NS	017	A	$836.00
115019	RAD-8453B 240V1P 4.500KW	NS	017	A	$836.00
115027	RAD-8453BV 275V1P 4.500KW	NS	017	A	$810.00
115035	RAD-8453B 480V1P 4.500KW	NS	017	A	$836.00
	RADD RADIANT HEATERS 511				
110277	RADD-2164 120V1P 1.600KW	NS	007	A	$505.00
110285	RADD-2164V 208V1P 1.600KW	NS	007	A	$505.00
110293	RADD-2164 240V1P 1.600KW	ST	007	A	$505.00
110306	RADD-2164V 275V1P 1.600KW	NS	007	A	$505.00
110314	RADD-3224 120V1P 2.200KW	NS	009	A	$560.00
110322	RADD-3224V 208V1P 2.200KW	NS	009	A	$560.00
110330	RADD-3224 240V1P 2.200KW	ST	009	A	$560.00
110349	RADD-3224V 275V1P 2.200KW	NS	009	A	$560.00
115140	RADD-3264V 208V1P 2.600KW	NS	010	A	$640.00
115131	RADD-3264 240V1P 2.600KW	NS	010	A	$640.00
115158	RADD-3264V 275V1P 2.600KW	NS	010	A	$640.00
115166	RADD-3264 480V1P 2.600KW	NS	010	A	$640.00
110365	RADD-4364V 208V1P 3.600KW	NS	011	A	$686.00
110357	RADD-4364 240V1P 3.600KW	NS	011	A	$686.00
110381	RADD-4364V 275V1P 3.600KW	NS	011	A	$667.00
110373	RADD-4364 480V1P 3.600KW	ST	011	A	$686.00
115174	RADD-5434V 208V1P 4.300KW	NS	013	A	$774.00
115182	RADD-5434 240V1P 4.300KW	NS	013	A	$774.00
115190	RADD-5434V 275V1P 4.300KW	NS	013	A	$774.00
115203	RADD-5434 480V1P 4.300KW	NS	013	A	$774.00
110402	RADD-5504V 208V1P 5.000KW	ST	014	A	$861.00
110429	RADD-5504V 275V1P 5.000KW	NS	014	A	$861.00
110390	RADD-5504 240V1P 5.000KW	NS	014	A	$861.00
110410	RADD-5504 480V1P 5.000KW	ST	014	A	$861.00
115211	RADD-6544V 208V1P 5.400KW	NS	017	A	$907.00
115220	RADD-6544 240V1P 5.400KW	NS	017	A	$907.00
115238	RADD-6544V 275V1P 5.400KW	NS	017	A	$878.00
115246	RADD-6544 480V1P 5.400KW	NS	017	A	$907.00
110445	RADD-6604V 208V1P 6.000KW	NS	016	A	$963.00
110437	RADD-6604 240V1P 6.000KW	NS	016	A	$963.00
110461	RADD-6604V 275V1P 6.000KW	NS	016	A	$935.00
110453	RADD-6604 480V1P 6.000KW	ST	016	A	$963.00
115254	RADD-7674V 208V1P 6.700KW	NS	021	A	$982.00
115262	RADD-7674 240V1P 6.700KW	NS	021	A	$1012.00
115270	RADD-7674V 275V1P 6.700KW	NS	021	A	$982.00
115289	RADD-7674 480V1P 6.700KW	NS	021	A	$1012.00
110488	RADD-7724V 208V1P 7.200KW	NS	018	A	$1067.00
110470	RADD-7724 240V1P 7.200KW	NS	018	A	$1067.00
110509	RADD-7724V 275V1P 7.200KW	NS	018	A	$1067.00
110496	RADD-7724 480V1P 7.200KW	ST	018	A	$1067.00
115297	RADD-8904V 208V1P 9.000KW	NS	026	A	$1227.00
115300	RADD-8904 240V1P 9.000KW	NS	026	A	$1227.00
115318	RADD-8904V 275V1P 9.000KW	NS	026	A	$1191.00
115326	RADD-8904 480V1P 9.000KW	NS	026	A	$1227.00
110517	RADD-7604X10 240/480V 8.000KW	NS	034	A	$1362.00
110550	RADD-7604X13 240/480V 10.000KW	NS	040	A	$2528.00
110592	RADD-7604X9A 240/480V 11.000KW	NS	045	A	$2743.00
110630	RADD-7724X38 240/480V 13.000KW	NS	062	A	$3351.00
	SRAD RADIANT HEATERS 512				
115334	SRAD-2 120V1P .950KW	NS	005	A	$352.00
115342	SRAD-2V 208V1P .950KW	NS	005	A	$352.00
115350	SRAD-2 240V1P .950KW	NS	005	A	$352.00
115369	SRAD-2V 275V1P .950KW	NS	005	A	$342.00
115377	SRAD-3 120V1P 1.300KW	NS	006	A	$389.00
115385	SRAD-3V 208V1P 1.300KW	NS	006	A	$389.00
115393	SRAD-3 240V1P 1.300KW	NS	006	A	$389.00
115406	SRAD-3V 275V1P 1.300KW	NS	006	A	$381.00
115414	SRAD-4V 208V1P 2.200KW	NS	009	A	$529.00
115422	SRAD-4 240V1P 2.200KW	NS	009	A	$543.00
115430	SRAD-4V 275V1P 2.200KW	NS	009	A	$529.00
115449	SRAD-4 480V1P 2.200KW	NS	009	A	$543.00
115457	SRAD-5V 208V1P 3.000KW	NS	011	A	$672.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
115465	SRAD-5 240V1P 3.000KW	NS	011	A	$651.00
115473	SRAD-5V 275V1P 3.000KW	NS	011	A	$651.00
115481	SRAD-5 480V1P 3.000KW	NS	011	A	$672.00
115490	SRAD-6V 208V1P 3.750KW	NS	013	A	$774.00
115502	SRAD-6 240V1P 3.750KW	NS	013	A	$750.00
115510	SRAD-6V 275V1P 3.750KW	NS	013	A	$750.00
115529	SRAD-6 480V1P 3.750KW	NS	013	A	$750.00
115537	SRAD-7V 208V1P 4.400KW	NS	015	A	$823.00
115545	SRAD-7 240V1P 4.400KW	NS	015	A	$848.00
115553	SRAD-7V 275V1P 4.400KW	NS	015	A	$823.00
115561	SRAD-7 480V1P 4.400KW	NS	015	A	$848.00
	RAD-H RADIANT HEATERS 511				
115570	RADH-207 120V1P .700KW	NS	005	A	$478.00
115588	RADH-207 240V1P .700KW	NS	005	A	$478.00
115596	RADH-310 120V1P 1.000KW	NS	006	A	$521.00
115609	RADH-310 240V1P 1.000KW	NS	006	A	$521.00
115617	RADH-418 240V1P 1.800KW	NS	009	A	$593.00
115625	RADH-525 240V1P 2.500KW	NS	011	A	$689.00
115633	RADH-630 240V1P 3.000KW	NS	013	A	$752.00
115641	RADH-736 240V1P 3.600KW	NS	015	A	$846.00
	U-RAD RADIANT HEATERS 514				
110672	U-RAD-2 120V1P .800KW	NS	004	A	$370.00
110680	U-RAD-2V 208V1P .800KW	NS	004	A	$370.00
110699	U-RAD-2 240V1P .800KW	NS	004	A	$370.00
110701	U-RAD-2V 275V1P .800KW	NS	004	A	$370.00
110710	U-RAD-3 120V1P 1.100KW	NS	005	A	$411.00
110728	U-RAD-3V 208V1P 1.100KW	NS	005	A	$411.00
110736	U-RAD-3 240V1P 1.100KW	ST	005	A	$411.00
110744	U-RAD-3V 275V1P 1.100KW	NS	005	A	$411.00
110760	U-RAD-4V 208V1P 1.800KW	NS	007	A	$482.00
110752	U-RAD-4 240V1P 1.800KW	ST	007	A	$482.00
110779	U-RAD-4V 275V1P 1.800KW	NS	007	A	$482.00
114497	U-RAD-4 480V1P 1.800KW	ST	007	A	$482.00
110795	U-RAD-5V 208V1P 2.500KW	ST	008	A	$595.00
110787	U-RAD-5 240V1P 2.500KW	NS	008	A	$595.00
113793	U-RAD-5V 275V1P 2.500KW	NS	008	A	$578.00
110808	U-RAD-5 480V1P 2.500KW	ST	008	A	$595.00
110824	U-RAD-6V 208V1P 3.000KW	NS	010	A	$680.00
110816	U-RAD-6 240V1P 3.000KW	NS	010	A	$680.00
110840	U-RAD-6V 275V1P 3.000KW	NS	010	A	$680.00
110832	U-RAD-6 480V1P 3.000KW	ST	010	A	$680.00
110867	U-RAD-7V 208V1P 3.600KW	NS	012	A	$746.00
110859	U-RAD-7 240V1P 3.600KW	NS	012	A	$746.00
110883	U-RAD-7V 275V1P 3.600KW	NS	012	A	$746.00
110875	U-RAD-7 480V1P 3.600KW	ST	012	A	$746.00
	U-RAD RADIANT ELEMENTS 514				
110891	U-RAD-22 120V1P 1.600KW	NS	008	A	$512.00
110904	U-RAD-22V 208V1P 1.600KW	NS	008	A	$512.00
110912	U-RAD-22 240V1P 1.600KW	NS	008	A	$528.00
110920	U-RAD-22V 275V1P 1.600KW	NS	008	A	$512.00
110939	U-RAD-32 120V1P 1.900KW	NS	009	A	$545.00
110947	U-RAD-32V 208V1P 1.900KW	NS	009	A	$545.00
110955	U-RAD-32 240V1P 1.900KW	NS	009	A	$563.00
110963	U-RAD-32V 275V1P 1.900KW	NS	009	A	$545.00
110971	U-RAD-33 120V1P 2.200KW	NS	010	A	$589.00
110980	U-RAD-33V 208V1P 2.200KW	NS	010	A	$571.00
110998	U-RAD-33 240V1P 2.200KW	NS	010	A	$589.00
111000	U-RAD-33V 275V1P 2.200KW	NS	010	A	$589.00
111026	U-RAD-42V 208V1P 2.600KW	NS	011	A	$628.00
111018	U-RAD-42 240V1P 2.600KW	NS	011	A	$628.00
111034	U-RAD-42V 275V1P 2.600KW	NS	011	A	$628.00
111050	U-RAD-43V 208V1P 2.900KW	NS	012	A	$669.00
111042	U-RAD-43 240V1P 2.900KW	NS	012	A	$669.00
111069	U-RAD-43V 275V1P 2.900KW	NS	012	A	$689.00
111085	U-RAD-44V 208V1P 3.600KW	NS	013	A	$727.00
111077	U-RAD-44 240V1P 3.600KW	NS	013	A	$727.00
111093	U-RAD-44V 275V1P 3.600KW	NS	013	A	$749.00
111114	U-RAD-52V 208V1P 3.300KW	NS	011	A	$702.00
111106	U-RAD-52 240V1P 3.300KW	NS	011	A	$725.00
111122	U-RAD-52V 275V1P 3.300KW	NS	011	A	$702.00
111149	U-RAD-53V 208V1P 3.600KW	NS	012	A	$727.00
111130	U-RAD-53 240V1P 3.600KW	NS	012	A	$749.00
111157	U-RAD-53V 275V1P 3.600KW	NS	012	A	$749.00
111173	U-RAD-54V 208V1P 4.300KW	NS	014	A	$856.00
111165	U-RAD-54 240V1P 4.300KW	NS	014	A	$856.00
111181	U-RAD-54V 275V1P 4.300KW	NS	014	A	$829.00
111202	U-RAD-55V 208V1P 5.000KW	NS	015	A	$898.00
111190	U-RAD-55 240V1P 5.000KW	NS	015	A	$927.00
111229	U-RAD-55V 275V1P 5.000KW	NS	015	A	$898.00
111210	U-RAD-55 480V1P 5.000KW	NS	015	A	$927.00
111245	U-RAD-62V 208V1P 3.800KW	NS	013	A	$768.00
111237	U-RAD-62 240V1P 3.800KW	NS	013	A	$768.00
111253	U-RAD-62V 275V1P 3.800KW	NS	013	A	$768.00
111270	U-RAD-63V 208V1P 4.100KW	NS	014	A	$795.00
111261	U-RAD-63 240V1P 4.100KW	NS	014	A	$795.00
111288	U-RAD-63V 275V1P 4.100KW	NS	014	A	$795.00
111309	U-RAD-64V 208V1P 4.800KW	NS	016	A	$890.00
111296	U-RAD-64 240V1P 4.800KW	NS	016	A	$890.00
111317	U-RAD-64V 275V1P 4.800KW	NS	016	A	$890.00
111333	U-RAD-65V 208V1P 5.500KW	NS	017	A	$997.00
111325	U-RAD-65 240V1P 5.500KW	NS	017	A	$1023.00
111350	U-RAD-65V 275V1P 5.500KW	NS	017	A	$997.00
111341	U-RAD-65 480V1P 5.500KW	NS	017	A	$997.00
111376	U-RAD-66V 208V1P 6.000KW	NS	020	A	$1068.00
111368	U-RAD-66 240V1P 6.000KW	NS	020	A	$1098.00
111392	U-RAD-66V 275V1P 6.000KW	NS	020	A	$1068.00
111384	U-RAD-66 480V1P 6.000KW	NS	020	A	$1098.00
111413	U-RAD-72V 208V1P 4.400KW	NS	015	A	$837.00
111405	U-RAD-72 240V1P 4.400KW	NS	015	A	$837.00
111421	U-RAD-72V 275V1P 4.400KW	NS	015	A	$837.00
111448	U-RAD-73V 208V1P 4.700KW	NS	016	A	$883.00
111430	U-RAD-73 240V1P 4.700KW	NS	016	A	$909.00
111456	U-RAD-73V 275V1P 4.700KW	NS	016	A	$883.00
111472	U-RAD-74V 208V1P 5.400KW	NS	018	A	$977.00
111464	U-RAD-74 240V1P 5.400KW	NS	018	A	$977.00
111480	U-RAD-74V 275V1P 5.400KW	NS	018	A	$1008.00
111501	U-RAD-75V 208V1P 6.100KW	NS	019	A	$1076.00
111499	U-RAD-75 240V1P 6.100KW	NS	019	A	$1110.00
111528	U-RAD-75V 275V1P 6.100KW	NS	019	A	$1076.00
111510	U-RAD-75 480V1P 6.100KW	NS	019	A	$1110.00
111544	U-RAD-76V 208V1P 6.600KW	NS	021	A	$1195.00
111536	U-RAD-76 240V1P 6.600KW	NS	021	A	$1195.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
111560	U-RAD-76V 275V1P 6.600KW	NS	021	A	$1160.00
111552	U-RAD-76 480V1P 6.600KW	NS	021	A	$1195.00
111587	U-RAD-77V 208V1P 7.200KW	NS	024	A	$1229.00
111579	U-RAD-77 240V1P 7.200KW	NS	024	A	$1266.00
111608	U-RAD-77V 275V1P 7.200KW	NS	024	A	$1229.00
111595	U-RAD-77 480V1P 7.200KW	NS	024	A	$1266.00
	U-RAD-LT RADIANT HEATERS 514				
106833	U-RAD-2LT 120V1P .800KW	ST	007	A	$651.00
119140	U-RAD-2VLT 208V1P .800KW	NS	007	A	$651.00
106841	U-RAD-2LT 240V1P .800KW	NS	007	A	$651.00
119159	U-RAD-2VLT 275V1P .800KW	NS	007	A	$633.00
106930	U-RAD-3LT 120V1P 1.100KW	ST	008	A	$697.00
119167	U-RAD-3VLT 208V1P 1.100KW	NS	008	A	$697.00
106850	U-RAD-3LT 240V1P 1.100KW	NS	008	A	$697.00
119175	U-RAD-3VLT 275V1P 1.100KW	NS	008	A	$697.00
119183	U-RAD-4VLT 208V1P 1.800KW	NS	010	A	$749.00
106868	U-RAD-4LT 240V1P 1.800KW	ST	010	A	$749.00
119191	U-RAD-4VLT 275V1P 1.800KW	NS	010	A	$749.00
106948	U-RAD-4LT 480V1P 1.800KW	ST	010	A	$749.00
119204	U-RAD-5VLT 208V1P 2.500KW	NS	011	A	$864.00
106876	U-RAD-5LT 240V1P 2.500KW	NS	011	A	$864.00
119212	U-RAD-5VLT 275V1P 2.500KW	NS	011	A	$864.00
106884	U-RAD-5LT 480V1P 2.500KW	ST	011	A	$864.00
119220	U-RAD-6VLT 208V1P 3.000KW	NS	013	A	$938.00
106892	U-RAD-6LT 240V1P 3.000KW	NS	013	A	$938.00
119239	U-RAD-6VLT 275V1P 3.000KW	NS	013	A	$938.00
106905	U-RAD-6LT 480V1P 3.000KW	ST	013	A	$938.00
119247	U-RAD-7VLT 208V1P 3.600KW	NS	015	A	$1017.00
106913	U-RAD-7LT 240V1P 3.600KW	NS	015	A	$1017.00
119255	U-RAD-7VLT 275V1P 3.600KW	NS	015	A	$1017.00
106921	U-RAD-7LT 480V1P 3.600KW	ST	015	A	$1017.00
119263	U-RAD-22LT 120V1P 1.600KW	NS	014	A	$1054.00
119280	U-RAD-22VLT 208V1P 1.600KW	NS	014	A	$1035.00
119271	U-RAD-22LT 240V1P 1.600KW	NS	014	A	$1054.00
119298	U-RAD-22VLT 275V1P 1.600KW	NS	014	A	$1054.00
119300	U-RAD-32LT 120V1P 1.900KW	NS	015	A	$1088.00
119327	U-RAD-32VLT 208V1P 1.900KW	NS	015	A	$1054.00
119319	U-RAD-32LT 240V1P 1.900KW	NS	015	A	$1088.00
119335	U-RAD-32VLT 275V1P 1.900KW	NS	015	A	$1054.00
119343	U-RAD-33LT 120V1P 2.200KW	NS	016	A	$1118.00
119360	U-RAD-33VLT 208V1P 2.200KW	NS	016	A	$1118.00
119351	U-RAD-33LT 240V1P 2.200KW	NS	016	A	$1118.00
119378	U-RAD-33VLT 275V1P 2.200KW	NS	016	A	$1086.00
119394	U-RAD-42VLT 208V1P 2.600KW	NS	017	A	$1144.00
119386	U-RAD-42LT 240V1P 2.600KW	NS	017	A	$1144.00
119407	U-RAD-42VLT 275V1P 2.600KW	NS	017	A	$1144.00
119423	U-RAD-43VLT 208V1P 2.900KW	NS	018	A	$1187.00
119415	U-RAD-43LT 240V1P 2.900KW	NS	018	A	$1225.00
119431	U-RAD-43VLT 275V1P 2.900KW	NS	018	A	$1187.00
119466	U-RAD-44VLT 208V1P 3.600KW	NS	020	A	$1230.00
119440	U-RAD-44LT 240V1P 3.600KW	NS	020	A	$1230.00
119474	U-RAD-44VLT 275V1P 3.600KW	NS	020	A	$1230.00
119458	U-RAD-44LT 480V1P 3.600KW	NS	020	A	$1268.00
119490	U-RAD-52VLT 208V1P 3.300KW	NS	018	A	$1195.00
119482	U-RAD-52LT 240V1P 3.300KW	NS	018	A	$1195.00
119503	U-RAD-52VLT 275V1P 3.300KW	NS	018	A	$1195.00
119520	U-RAD-53VLT 208V1P 3.600KW	NS	019	A	$1232.00
119511	U-RAD-53LT 240V1P 3.600KW	NS	019	A	$1232.00
119538	U-RAD-53VLT 275V1P 3.600KW	NS	019	A	$1232.00
119562	U-RAD-54VLT 208V1P 4.300KW	NS	021	A	$1361.00
119546	U-RAD-54LT 240V1P 4.300KW	NS	021	A	$1361.00
119570	U-RAD-54VLT 275V1P 4.300KW	NS	021	A	$1361.00
119554	U-RAD-54LT 480V1P 4.300KW	NS	021	A	$1361.00
119600	U-RAD-55VLT 208V1P 5.000KW	NS	022	A	$1441.00
119589	U-RAD-55LT 240V1P 5.000KW	NS	022	A	$1441.00
119597	U-RAD-55VLT 275V1P 5.000KW	NS	022	A	$1441.00
119618	U-RAD-55LT 480V1P 5.000KW	NS	022	A	$1441.00
119634	U-RAD-62VLT 208V1P 3.800KW	NS	020	A	$1308.00
119626	U-RAD-62LT 240V1P 3.800KW	NS	020	A	$1308.00
119642	U-RAD-62VLT 275V1P 3.800KW	NS	020	A	$1308.00
119669	U-RAD-63VLT 208V1P 4.100KW	NS	021	A	$1289.00
119650	U-RAD-63LT 240V1P 4.100KW	NS	021	A	$1326.00
119677	U-RAD-63VLT 275V1P 4.100KW	NS	021	A	$1289.00
119706	U-RAD-64VLT 208V1P 4.800KW	NS	023	A	$1396.00
119685	U-RAD-64LT 240V1P 4.800KW	NS	023	A	$1439.00
119714	U-RAD-64VLT 275V1P 4.800KW	NS	023	A	$1396.00
119693	U-RAD-64LT 480V1P 4.800KW	NS	023	A	$1439.00
119749	U-RAD-65VLT 208V1P 5.500KW	NS	024	A	$1491.00
119722	U-RAD-65LT 240V1P 5.500KW	NS	024	A	$1534.00
119757	U-RAD-65VLT 275V1P 5.500KW	NS	024	A	$1534.00
119730	U-RAD-65LT 480V1P 5.500KW	NS	024	A	$1534.00
119781	U-RAD-66VLT 208V1P 6.000KW	NS	026	A	$1572.00
119765	U-RAD-66LT 240V1P 6.000KW	NS	026	A	$1621.00
119790	U-RAD-66VLT 275V1P 6.000KW	NS	026	A	$1572.00
119773	U-RAD-66LT 480V1P 6.000KW	NS	026	A	$1621.00
119810	U-RAD-72VLT 208V1P 4.400KW	NS	022	A	$1348.00
119802	U-RAD-72LT 240V1P 4.400KW	NS	022	A	$1348.00
119829	U-RAD-72VLT 275V1P 4.400KW	NS	022	A	$1348.00
119845	U-RAD-73VLT 208V1P 4.700KW	NS	023	A	$1390.00
119837	U-RAD-73LT 240V1P 4.700KW	NS	023	A	$1390.00
119853	U-RAD-73VLT 275V1P 4.700KW	NS	023	A	$1390.00
119888	U-RAD-74VLT 208V1P 5.400KW	NS	025	A	$1475.00
119861	U-RAD-74LT 240V1P 5.400KW	NS	025	A	$1475.00
119896	U-RAD-74VLT 275V1P 5.400KW	NS	025	A	$1475.00
119870	U-RAD-74LT 480V1P 5.400KW	NS	025	A	$1521.00
119925	U-RAD-75VLT 208V1P 6.100KW	NS	026	A	$1575.00
119909	U-RAD-75LT 240V1P 6.100KW	NS	026	A	$1575.00
119933	U-RAD-75VLT 275V1P 6.100KW	NS	026	A	$1575.00
119917	U-RAD-75LT 480V1P 6.100KW	NS	026	A	$1623.00
119968	U-RAD-76VLT 208V1P 6.600KW	NS	028	A	$1707.00
119941	U-RAD-76LT 240V1P 6.600KW	NS	028	A	$1657.00
119976	U-RAD-76VLT 275V1P 6.600KW	NS	028	A	$1657.00
119950	U-RAD-76LT 480V1P 6.600KW	NS	028	A	$1707.00
120002	U-RAD-77VLT 208V1P 7.200KW	NS	030	A	$1785.00
119984	U-RAD-77LT 240V1P 7.200KW	NS	030	A	$1785.00
120010	U-RAD-77VLT 275V1P 7.200KW	NS	030	A	$1735.00
119992	U-RAD-77LT 480V1P 7.200KW	NS	030	A	$1785.00
	DU-RAD RADIANT HEATERS 514				
112205	DU-RAD-240 120V1P 3.200KW	NS	010	A	$1001.00
115650	DU-RAD-240V 208V1P 3.200KW	NS	010	A	$1001.00
112213	DU-RAD-240 240V1P 3.200KW	NS	010	A	$1001.00
115668	DU-RAD-240V 275V1P 3.200KW	NS	010	A	$1001.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
112221	DU-RAD-248 120V1P 3.570KW	NS	011	A	$1009.00
115676	DU-RAD-248V 208V1P 3.570KW	NS	011	A	$1009.00
112230	DU-RAD-248 240V1P 3.570KW	NS	011	A	$1009.00
115684	DU-RAD-248V 275V1P 3.570KW	NS	011	A	$1009.00
112248	DU-RAD-258 120V1P 4.040KW	NS	011	A	$1060.00
115692	DU-RAD-258V 208V1P 4.040KW	NS	011	A	$1060.00
112256	DU-RAD-258 240V1P 4.040KW	NS	011	A	$1060.00
115705	DU-RAD-258V 275V1P 4.040KW	NS	011	A	$1060.00
112264	DU-RAD-266 120V1P 4.420KW	NS	012	A	$1113.00
115713	DU-RAD-266V 208V1P 4.420KW	NS	012	A	$1113.00
112272	DU-RAD-266 240V1P 4.420KW	NS	012	A	$1113.00
115721	DU-RAD-266V 275V1P 4.420KW	NS	012	A	$1113.00
112280	DU-RAD-274 120V1P 4.790KW	NS	013	A	$1159.00
115730	DU-RAD-274V 208V1P 4.790KW	NS	013	A	$1159.00
112299	DU-RAD-274 240V1P 4.790KW	NS	013	A	$1159.00
115748	DU-RAD-274V 275V1P 4.790KW	NS	013	A	$1159.00
115756	DU-RAD-282V 208V1P 5.170KW	NS	014	A	$1198.00
112301	DU-RAD-282 240V1P 5.170KW	NS	014	A	$1233.00
115764	DU-RAD-282V 275V1P 5.170KW	NS	014	A	$1198.00
115772	DU-RAD-290V 208V1P 5.550KW	NS	015	A	$1251.00
112310	DU-RAD-290 240V1P 5.550KW	NS	015	A	$1261.00
115780	DU-RAD-290V 275V1P 5.550KW	NS	015	A	$1251.00
115799	DU-RAD-2102V 208V1P 6.120KW	NS	016	A	$1315.00
112328	DU-RAD-2102 240V1P 6.120KW	NS	016	A	$1315.00
115801	DU-RAD-2102V 275V1P 6.120KW	NS	016	A	$1315.00
115810	DU-RAD-2112V 208V1P 6.590KW	NS	016	A	$1370.00
112336	DU-RAD-2112 240V1P 6.590KW	NS	016	A	$1370.00
115828	DU-RAD-2112V 275V1P 6.590KW	NS	016	A	$1370.00
115836	DU-RAD-2124V 208V1P 7.160KW	NS	032	A	$1447.00
112344	DU-RAD-2124 240V1P 7.160KW	NS	032	A	$1447.00
115844	DU-RAD-2124V 275V1P 7.160KW	NS	032	A	$1447.00
115852	DU-RAD-2136V 208V1P 7.730KW	NS	036	A	$1523.00
112352	DU-RAD-2136 240V1P 7.730KW	NS	036	A	$1523.00
115860	DU-RAD-2136V 275V1P 7.730KW	NS	036	A	$1523.00
115879	DU-RAD-2148V 208V1P 8.300KW	NS	037	A	$1611.00
112360	DU-RAD-2148 240V1P 8.300KW	NS	037	A	$1611.00
115887	DU-RAD-2148V 275V1P 8.300KW	NS	037	A	$1611.00
115895	DU-RAD-2156V 208V1P 8.700KW	NS	040	A	$1644.00
112379	DU-RAD-2156 240V1P 8.700KW	NS	040	A	$1644.00
115908	DU-RAD-2156V 275V1P 8.700KW	NS	040	A	$1644.00
115916	DU-RAD-2164V 208V1P 9.050KW	NS	041	A	$1698.00
112387	DU-RAD-2164 240V1P 9.050KW	NS	041	A	$1698.00
115924	DU-RAD-2164V 275V1P 9.050KW	NS	041	A	$1698.00
115932	DU-RAD-2172V 208V1P 9.430KW	NS	043	A	$1806.00
112395	DU-RAD-2172 240V1P 9.430KW	NS	043	A	$1806.00
115940	DU-RAD-2172V 275V1P 9.430KW	NS	043	A	$1806.00
112408	DU-RAD-340 120V1P 3.800KW	NS	012	A	$1028.00
115959	DU-RAD-340V 208V1P 3.800KW	NS	012	A	$1028.00
112416	DU-RAD-340 240V1P 3.800KW	NS	012	A	$1028.00
115967	DU-RAD-340V 275V1P 3.800KW	NS	012	A	$1028.00
112424	DU-RAD-348 120V1P 4.170KW	NS	013	A	$1084.00
115975	DU-RAD-348V 208V1P 4.170KW	NS	013	A	$1084.00
112432	DU-RAD-348 240V1P 4.170KW	NS	013	A	$1084.00
115983	DU-RAD-348V 275V1P 4.170KW	NS	013	A	$1084.00
112440	DU-RAD-358 120V1P 4.640KW	NS	013	A	$1135.00
115991	DU-RAD-358V 208V1P 4.640KW	NS	013	A	$1135.00
112459	DU-RAD-358 240V1P 4.640KW	NS	013	A	$1135.00
116003	DU-RAD-358V 275V1P 4.640KW	NS	013	A	$1135.00
112467	DU-RAD-366 120V1P 5.020KW	NS	014	A	$1191.00
116011	DU-RAD-366V 208V1P 5.020KW	NS	014	A	$1191.00
112475	DU-RAD-366 240V1P 5.020KW	NS	014	A	$1191.00
116020	DU-RAD-366V 275V1P 5.020KW	NS	014	A	$1191.00
112483	DU-RAD-374 120V1P 5.390KW	NS	015	A	$1245.00
116038	DU-RAD-374V 208V1P 5.390KW	NS	015	A	$1245.00
112491	DU-RAD-374 240V1P 5.390KW	NS	015	A	$1284.00
116046	DU-RAD-374V 275V1P 5.390KW	NS	015	A	$1245.00
116054	DU-RAD-382V 208V1P 5.770KW	NS	016	A	$1274.00
112504	DU-RAD-382 240V1P 5.770KW	NS	016	A	$1274.00
116062	DU-RAD-382V 275V1P 5.770KW	NS	016	A	$1274.00
116070	DU-RAD-390V 208V1P 6.150KW	NS	017	A	$1318.00
112512	DU-RAD-390 240V1P 6.150KW	NS	017	A	$1318.00
116089	DU-RAD-390V 275V1P 6.150KW	NS	017	A	$1318.00
116097	DU-RAD-3102V 208V1P 6.720KW	NS	018	A	$1396.00
112520	DU-RAD-3102 240V1P 6.720KW	NS	019	A	$1396.00
116100	DU-RAD-3102V 275V1P 6.720KW	NS	018	A	$1396.00
116118	DU-RAD-3112V 208V1P 7.190KW	NS	032	A	$1450.00
112539	DU-RAD-3112 240V1P 7.190KW	NS	032	A	$1450.00
116126	DU-RAD-3112V 275V1P 7.190KW	NS	032	A	$1450.00
116134	DU-RAD-3124V 208V1P 7.760KW	NS	036	A	$1523.00
112547	DU-RAD-3124 240V1P 7.760KW	NS	036	A	$1523.00
116142	DU-RAD-3124V 275V1P 7.760KW	NS	036	A	$1523.00
116150	DU-RAD-3136V 208V1P 8.330KW	NS	037	A	$1611.00
112555	DU-RAD-3136 240V1P 8.330KW	NS	037	A	$1611.00
116169	DU-RAD-3136V 275V1P 8.330KW	NS	037	A	$1611.00
116177	DU-RAD-3148V 208V1P 8.900KW	NS	040	A	$1680.00
116185	DU-RAD-3148V 275V1P 8.900KW	NS	040	A	$1680.00
116193	DU-RAD-3156V 208V1P 9.300KW	NS	042	A	$1737.00
112571	DU-RAD-3156 240V1P 9.300KW	NS	042	A	$1737.00
116206	DU-RAD-3156V 275V1P 9.300KW	NS	042	A	$1737.00
116214	DU-RAD-3164V 208V1P 9.650KW	NS	043	A	$1790.00
112580	DU-RAD-3164 240V1P 9.650KW	NS	043	A	$1790.00
116222	DU-RAD-3164V 275V1P 9.650KW	NS	043	A	$1790.00
116230	DU-RAD-3172V 208V1P 10.030KW	NS	047	A	$1859.00
112598	DU-RAD-3172 240V1P 10.030KW	NS	047	A	$1859.00
116249	DU-RAD-3172V 275V1P 10.030KW	NS	047	A	$1859.00
116257	DU-RAD-440V 208V1P 5.200KW	NS	014	A	$1198.00
112600	DU-RAD-440 240V1P 5.200KW	NS	014	A	$1198.00
116265	DU-RAD-440V 275V1P 5.200KW	NS	014	A	$1198.00
116273	DU-RAD-448V 208V1P 5.570KW	NS	015	A	$1251.00
112619	DU-RAD-448 240V1P 5.570KW	NS	015	A	$1251.00
116281	DU-RAD-448V 275V1P 5.570KW	NS	015	A	$1251.00
116290	DU-RAD-458V 208V1P 6.040KW	NS	017	A	$1295.00
112627	DU-RAD-458 240V1P 6.040KW	NS	017	A	$1295.00
116302	DU-RAD-458V 275V1P 6.040KW	NS	017	A	$1295.00
116310	DU-RAD-458 480V1P 6.040KW	NS	017	A	$1295.00
116329	DU-RAD-466V 208V1P 6.420KW	NS	018	A	$1361.00
112635	DU-RAD-466 240V1P 6.420KW	NS	018	A	$1361.00
116337	DU-RAD-466V 275V1P 6.420KW	NS	018	A	$1361.00
116345	DU-RAD-466 480V1P 6.420KW	NS	018	A	$1361.00
116353	DU-RAD-474V 208V1P 6.790KW	NS	019	A	$1398.00
112643	DU-RAD-474 240V1P 6.790KW	NS	019	A	$1398.00
116361	DU-RAD-474V 275V1P 6.790KW	NS	019	A	$1398.00
116370	DU-RAD-474 480V1P 6.790KW	NS	019	A	$1398.00
116388	DU-RAD-482V 208V1P 7.170KW	NS	033	A	$1450.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
112651	DU-RAD-482 240V1P 7.170KW	NS	033	A	$1450.00
116396	DU-RAD-482V 275V1P 7.170KW	NS	033	A	$1450.00
116409	DU-RAD-482 480V1P 7.170KW	NS	033	A	$1450.00
116417	DU-RAD-490V 208V1P 7.550KW	NS	036	A	$1491.00
112660	DU-RAD-490 240V1P 7.550KW	NS	036	A	$1491.00
116425	DU-RAD-490V 275V1P 7.550KW	NS	036	A	$1491.00
116433	DU-RAD-490 480V1P 7.550KW	NS	036	A	$1491.00
116441	DU-RAD-4102V 208V1P 8.120KW	NS	037	A	$1572.00
112678	DU-RAD-4102 240V1P 8.120KW	NS	037	A	$1572.00
116450	DU-RAD-4102V 275V1P 8.120KW	NS	037	A	$1572.00
116468	DU-RAD-4102 480V1P 8.120KW	NS	037	A	$1572.00
116476	DU-RAD-4112V 208V1P 8.590KW	NS	040	A	$1643.00
112686	DU-RAD-4112 240V1P 8.590KW	NS	040	A	$1643.00
116484	DU-RAD-4112V 275V1P 8.590KW	NS	040	A	$1643.00
116492	DU-RAD-4112 480V1P 8.590KW	NS	040	A	$1693.00
116505	DU-RAD-4124V 208V1P 9.160KW	NS	042	A	$1731.00
112694	DU-RAD-4124 240V1P 9.160KW	NS	042	A	$1731.00
116513	DU-RAD-4124V 275V1P 9.160KW	NS	042	A	$1731.00
116521	DU-RAD-4124 480V1P 9.160KW	NS	042	A	$1731.00
116530	DU-RAD-4136V 208V1P 9.730KW	NS	045	A	$1806.00
112707	DU-RAD-4136 240V1P 9.730KW	NS	045	A	$1806.00
116544	DU-RAD-4136V 275V1P 9.730KW	NS	045	A	$1806.00
116556	DU-RAD-4136 480V1P 9.730KW	NS	045	A	$1806.00
116564	DU-RAD-4148V 208V1P 10.300KW	NS	047	A	$1883.00
112715	DU-RAD-4148 240V1P 10.300KW	NS	047	A	$1883.00
116572	DU-RAD-4148V 275V1P 10.300KW	NS	047	A	$1883.00
116580	DU-RAD-4148 480V1P 10.300KW	NS	047	A	$1883.00
116599	DU-RAD-4156V 208V1P 10.700KW	NS	049	A	$1965.00
112723	DU-RAD-4156 240V1P 10.700KW	NS	049	A	$1965.00
116601	DU-RAD-4156V 275V1P 10.700KW	NS	049	A	$1965.00
116610	DU-RAD-4156 480V1P 10.700KW	NS	049	A	$2025.00
116628	DU-RAD-4164V 208V1P 11.050KW	NS	050	A	$1984.00
112731	DU-RAD-4164 240V1P 11.050KW	NS	050	A	$1984.00
116636	DU-RAD-4164V 275V1P 11.050KW	NS	050	A	$1984.00
116644	DU-RAD-4164 480V1P 11.050KW	NS	050	A	$2040.00
116652	DU-RAD-4172V 208V1P 11.430KW	NS	052	A	$2068.00
112740	DU-RAD-4172 240V1P 11.430KW	NS	052	A	$2068.00
116660	DU-RAD-4172V 275V1P 11.430KW	NS	052	A	$2068.00
116679	DU-RAD-4172 480V1P 11.430KW	NS	052	A	$2068.00
116687	DU-RAD-540V 208V1P 6.600KW	NS	018	A	$1370.00
112758	DU-RAD-540 240V1P 6.600KW	NS	018	A	$1370.00
116695	DU-RAD-540V 275V1P 6.600KW	NS	018	A	$1370.00
116708	DU-RAD-548V 208V1P 6.970KW	NS	019	A	$1421.00
112766	DU-RAD-548 240V1P 6.970KW	NS	019	A	$1421.00
116716	DU-RAD-548V 275V1P 6.970KW	NS	019	A	$1421.00
116724	DU-RAD-558V 208V1P 7.440KW	NS	033	A	$1483.00
112774	DU-RAD-558 240V1P 7.440KW	NS	033	A	$1483.00
116732	DU-RAD-558V 275V1P 7.440KW	NS	033	A	$1483.00
112782	DU-RAD-558 480V1P 7.440KW	NS	033	A	$1483.00
116740	DU-RAD-566V 208V1P 7.820KW	NS	036	A	$1528.00
112790	DU-RAD-566 240V1P 7.820KW	NS	036	A	$1528.00
116759	DU-RAD-566V 275V1P 7.820KW	NS	036	A	$1528.00
112803	DU-RAD-566 480V1P 7.820KW	NS	036	A	$1576.00
116767	DU-RAD-574V 208V1P 8.190KW	NS	037	A	$1576.00
112811	DU-RAD-574 240V1P 8.190KW	NS	037	A	$1576.00
116775	DU-RAD-574V 275V1P 8.190KW	NS	037	A	$1576.00
112820	DU-RAD-574 480V1P 8.190KW	NS	037	A	$1576.00

PCN	DESCRIPTION	SS	WT	D	PRICE
116783	DU-RAD-582V 208V1P 8.570KW	NS	040	A	$1643.00
112838	DU-RAD-582 240V1P 8.570KW	NS	040	A	$1643.00
116791	DU-RAD-582V 275V1P 8.570KW	NS	040	A	$1643.00
112846	DU-RAD-582 480V1P 8.570KW	NS	040	A	$1643.00
116804	DU-RAD-590V 208V1P 8.950KW	NS	042	A	$1693.00
112854	DU-RAD-590 240V1P 8.950KW	NS	042	A	$1693.00
116812	DU-RAD-590V 275V1P 8.950KW	NS	042	A	$1693.00
112862	DU-RAD-590 480V1P 8.950KW	NS	042	A	$1693.00
116820	DU-RAD-5102V 208V1P 9.520KW	NS	045	A	$1818.00
112870	DU-RAD-5102 240V1P 9.520KW	NS	045	A	$1818.00
116839	DU-RAD-5102V 275V1P 9.520KW	NS	045	A	$1818.00
112889	DU-RAD-5102 480V1P 9.520KW	NS	045	A	$1818.00
116847	DU-RAD-5112V 208V1P 9.990KW	NS	047	A	$1863.00
112897	DU-RAD-5112 240V1P 9.990KW	NS	047	A	$1863.00
116855	DU-RAD-5112V 275V1P 9.990KW	NS	047	A	$1863.00
112900	DU-RAD-5112 480V1P 9.990KW	NS	047	A	$1863.00
116863	DU-RAD-5124V 208V1P 10.560KW	NS	049	A	$1935.00
112918	DU-RAD-5124 240V1P 10.560KW	NS	049	A	$1991.00
116871	DU-RAD-5124V 275V1P 10.560KW	NS	049	A	$1935.00
112926	DU-RAD-5124 480V1P 10.560KW	NS	049	A	$1935.00
116880	DU-RAD-5136V 208V1P 11.130KW	NS	050	A	$2016.00
112934	DU-RAD-5136 240V1P 11.130KW	NS	050	A	$2016.00
116898	DU-RAD-5136V 275V1P 11.130KW	NS	050	A	$2016.00
112942	DU-RAD-5136 480V1P 11.130KW	NS	050	A	$2016.00
116900	DU-RAD-5148V 208V1P 11.700KW	NS	052	A	$2106.00
112950	DU-RAD-5148 240V1P 11.700KW	NS	052	A	$2106.00
116919	DU-RAD-5148V 275V1P 11.700KW	NS	052	A	$2106.00
112969	DU-RAD-5148 480V1P 11.700KW	NS	052	A	$2106.00
116927	DU-RAD-5156V 208V1P 12.100KW	NS	053	A	$2173.00
112977	DU-RAD-5156 240V1P 12.100KW	NS	053	A	$2173.00
116935	DU-RAD-5156V 275V1P 12.100KW	NS	053	A	$2173.00
112985	DU-RAD-5156 480V1P 12.100KW	NS	053	A	$2173.00
116943	DU-RAD-5164V 208V1P 12.450KW	NS	054	A	$2221.00
112993	DU-RAD-5164 240V1P 12.450KW	NS	054	A	$2221.00
116951	DU-RAD-5164V 275V1P 12.450KW	NS	054	A	$2221.00
113005	DU-RAD-5164 480V1P 12.450KW	NS	054	A	$2221.00
116960	DU-RAD-5172V 208V1P 12.830KW	NS	055	A	$2281.00
113013	DU-RAD-5172 240V1P 12.830KW	NS	055	A	$2281.00
116978	DU-RAD-5172V 275V1P 12.830KW	NS	055	A	$2281.00
113021	DU-RAD-5172 480V1P 12.830KW	NS	055	A	$2281.00
113030	DU-RAD-640 240V1P 7.600KW	NS	036	A	$1499.00
116986	DU-RAD-640V 275V1P 7.600KW	NS	036	A	$1499.00
116994	DU-RAD-648V 208V1P 7.970KW	NS	037	A	$1554.00
113048	DU-RAD-648 240V1P 7.970KW	NS	037	A	$1554.00
117006	DU-RAD-648V 275V1P 7.970KW	NS	037	A	$1554.00
117014	DU-RAD-658V 208V1P 8.440KW	NS	040	A	$1618.00
113056	DU-RAD-658 240V1P 8.440KW	NS	040	A	$1618.00
117022	DU-RAD-658V 275V1P 8.440KW	NS	040	A	$1618.00
113064	DU-RAD-658 480V1P 8.440KW	NS	040	A	$1618.00
117030	DU-RAD-666V 208V1P 8.820KW	NS	041	A	$1657.00
113072	DU-RAD-666 240V1P 8.820KW	NS	041	A	$1657.00
117049	DU-RAD-666V 275V1P 8.820KW	NS	041	A	$1657.00
113080	DU-RAD-666 480V1P 8.820KW	NS	041	A	$1657.00
117057	DU-RAD-674V 208V1P 9.190KW	NS	043	A	$1728.00
113099	DU-RAD-674 240V1P 9.190KW	NS	043	A	$1728.00
117065	DU-RAD-674V 275V1P 9.190KW	NS	043	A	$1728.00
113101	DU-RAD-674 480V1P 9.190KW	NS	043	A	$1728.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
117073	DU-RAD-682V 208V1P 9.570KW	NS	045	A	$1772.00
113110	DU-RAD-682 240V1P 9.570KW	NS	045	A	$1772.00
117081	DU-RAD-682V 275V1P 9.570KW	NS	045	A	$1772.00
113128	DU-RAD-682 480V1P 9.570KW	NS	045	A	$1824.00
117090	DU-RAD-690V 208V1P 9.950KW	NS	046	A	$1826.00
113136	DU-RAD-690 240V1P 9.950KW	NS	046	A	$1826.00
117102	DU-RAD-690V 275V1P 9.950KW	NS	046	A	$1826.00
113144	DU-RAD-690 480V1P 9.950KW	NS	046	A	$1826.00
117110	DU-RAD-6102V 208V1P 10.520KW	NS	049	A	$1926.00
113152	DU-RAD-6102 240V1P 10.520KW	NS	049	A	$1926.00
117129	DU-RAD-6102V 275V1P 10.520KW	NS	049	A	$1926.00
113160	DU-RAD-6102 480V1P 10.520KW	NS	049	A	$1926.00
117137	DU-RAD-6112V 208V1P 10.990KW	NS	050	A	$1988.00
113179	DU-RAD-6112 240V1P 10.990KW	NS	050	A	$1988.00
117145	DU-RAD-6112V 275V1P 10.990KW	NS	050	A	$1988.00
113187	DU-RAD-6112 480V1P 10.990KW	NS	050	A	$2046.00
117153	DU-RAD-6124V 208V1P 11.560KW	NS	052	A	$2090.00
113195	DU-RAD-6124 240V1P 11.560KW	NS	052	A	$2090.00
117161	DU-RAD-6124V 275V1P 11.560KW	NS	052	A	$2090.00
113208	DU-RAD-6124 480V1P 11.560KW	NS	052	A	$2090.00
117170	DU-RAD-6136V 208V1P 12.130KW	NS	054	A	$2175.00
113216	DU-RAD-6136 240V1P 12.130KW	NS	054	A	$2175.00
117188	DU-RAD-6136V 275V1P 12.130KW	NS	054	A	$2175.00
113224	DU-RAD-6136 480V1P 12.130KW	NS	054	A	$2175.00
117196	DU-RAD-6148V 208V1P 12.700KW	NS	056	A	$2252.00
113232	DU-RAD-6148 240V1P 12.700KW	NS	056	A	$2252.00
117209	DU-RAD-6148V 275V1P 12.700KW	NS	056	A	$2252.00
113240	DU-RAD-6148 480V1P 12.700KW	NS	056	A	$2252.00
117217	DU-RAD-6156V 208V1P 13.100KW	NS	058	A	$2326.00
113259	DU-RAD-6156 240V1P 13.100KW	NS	058	A	$2326.00
117225	DU-RAD-6156V 275V1P 13.100KW	NS	058	A	$2326.00
113267	DU-RAD-6156 480V1P 13.100KW	NS	058	A	$2326.00
117233	DU-RAD-6164V 208V1P 13.450KW	NS	060	A	$2382.00
113275	DU-RAD-6164 240V1P 13.450KW	NS	060	A	$2382.00
117241	DU-RAD-6164V 275V1P 13.450KW	NS	060	A	$2382.00
113283	DU-RAD-6164 480V1P 13.450KW	NS	060	A	$2382.00
117250	DU-RAD-6172V 208V1P 13.830KW	NS	062	A	$2447.00
113291	DU-RAD-6172 240V1P 13.830KW	NS	062	A	$2447.00
117268	DU-RAD-6172V 275V1P 13.830KW	NS	062	A	$2447.00
113304	DU-RAD-6172 480V1P 13.830KW	NS	062	A	$2447.00
117276	DU-RAD-740V 208V1P 8.800KW	NS	042	A	$1644.00
113312	DU-RAD-740 240V1P 8.800KW	NS	042	A	$1644.00
117284	DU-RAD-740V 275V1P 8.800KW	NS	042	A	$1644.00
113320	DU-RAD-748 240V1P 9.170KW	NS	043	A	$1731.00
117305	DU-RAD-748V 275V1P 9.170KW	NS	043	A	$1731.00
117313	DU-RAD-758V 208V1P 9.640KW	NS	045	A	$1790.00
113339	DU-RAD-758 240V1P 9.640KW	NS	045	A	$1790.00
117321	DU-RAD-758V 275V1P 9.640KW	NS	045	A	$1790.00
113347	DU-RAD-758 480V1P 9.640KW	NS	045	A	$1790.00
117330	DU-RAD-766V 208V1P 10.020KW	NS	047	A	$1863.00
113355	DU-RAD-766 240V1P 10.020KW	NS	047	A	$1863.00
117348	DU-RAD-766V 275V1P 10.020KW	NS	047	A	$1863.00
113363	DU-RAD-766 480V1P 10.020KW	NS	047	A	$1863.00
117356	DU-RAD-774V 208V1P 10.390KW	NS	049	A	$1914.00
113371	DU-RAD-774 240V1P 10.390KW	NS	049	A	$1914.00
117364	DU-RAD-774V 275V1P 10.390KW	NS	049	A	$1914.00
113380	DU-RAD-774 480V1P 10.390KW	NS	049	A	$1914.00
117372	DU-RAD-782V 208V1P 10.770KW	NS	050	A	$1953.00
113398	DU-RAD-782 240V1P 10.770KW	NS	050	A	$1953.00
117380	DU-RAD-782V 275V1P 10.770KW	NS	050	A	$1953.00
113400	DU-RAD-782 480V1P 10.770KW	NS	050	A	$1953.00
117399	DU-RAD-790V 208V1P 11.150KW	NS	051	A	$2025.00
113419	DU-RAD-790 240V1P 11.150KW	NS	051	A	$2025.00
117401	DU-RAD-790V 275V1P 11.150KW	NS	051	A	$2025.00
113427	DU-RAD-790 480V1P 11.150KW	NS	051	A	$2025.00
117410	DU-RAD-7102V 208V1P 11.720KW	NS	053	A	$2106.00
113435	DU-RAD-7102 240V1P 11.720KW	NS	053	A	$2106.00
117428	DU-RAD-7102V 275V1P 11.720KW	NS	053	A	$2106.00
113443	DU-RAD-7102 480V1P 11.720KW	NS	053	A	$2106.00
117436	DU-RAD-7112V 208V1P 12.190KW	NS	054	A	$2175.00
113451	DU-RAD-7112 240V1P 12.190KW	NS	054	A	$2175.00
117444	DU-RAD-7112V 275V1P 12.190KW	NS	054	A	$2175.00
113460	DU-RAD-7112 480V1P 12.190KW	NS	054	A	$2175.00
117452	DU-RAD-7124V 208V1P 12.760KW	NS	055	A	$2256.00
113478	DU-RAD-7124 240V1P 12.760KW	NS	055	A	$2256.00
117460	DU-RAD-7124V 275V1P 12.760KW	NS	055	A	$2256.00
113486	DU-RAD-7124 480V1P 12.760KW	NS	055	A	$2256.00
117479	DU-RAD-7136V 208V1P 13.330KW	NS	056	A	$2352.00
113494	DU-RAD-7136 240V1P 13.330KW	NS	056	A	$2352.00
117487	DU-RAD-7136V 275V1P 13.330KW	NS	056	A	$2352.00
113507	DU-RAD-7136 480V1P 13.330KW	NS	056	A	$2352.00
117495	DU-RAD-7148V 208V1P 13.900KW	NS	057	A	$2457.00
113515	DU-RAD-7148 240V1P 13.900KW	NS	057	A	$2457.00
117508	DU-RAD-7148V 275V1P 13.900KW	NS	057	A	$2457.00
113523	DU-RAD-7148 480V1P 13.900KW	NS	057	A	$2457.00
117516	DU-RAD-7156V 208V1P 14.300KW	NS	059	A	$2534.00
113531	DU-RAD-7156 240V1P 14.300KW	NS	059	A	$2534.00
117524	DU-RAD-7156V 275V1P 14.300KW	NS	059	A	$2534.00
113540	DU-RAD-7156 480V1P 14.300KW	NS	059	A	$2534.00
117532	DU-RAD-7164V 208V1P 14.650KW	NS	060	A	$2589.00
113558	DU-RAD-7164 240V1P 14.650KW	NS	060	A	$2589.00
117540	DU-RAD-7164V 275V1P 14.650KW	NS	060	A	$2589.00
113566	DU-RAD-7164 480V1P 14.650KW	NS	060	A	$2589.00
117559	DU-RAD-7172V 208V1P 15.030KW	NS	062	A	$2653.00
113574	DU-RAD-7172 240V1P 15.030KW	NS	062	A	$2653.00
117567	DU-RAD-7172V 275V1P 15.030KW	NS	062	A	$2653.00
113582	DU-RAD-7172 480V1P 15.030KW	NS	062	A	$2653.00

DU-RAD RADIANT HEATERS 514

117575	DU-RAD-040 120V1P 1.600KW	NS	006	A	$488.00
117585	DU-RAD-040V 208V1P 1.600KW	NS	006	A	$504.00
117591	DU-RAD-040 240V1P 1.600KW	NS	006	A	$504.00
117604	DU-RAD-040V 275V1P 1.600KW	NS	006	A	$488.00
117612	DU-RAD-048 120V1P 1.970KW	NS	007	A	$491.00
117620	DU-RAD-048V 208V1P 1.970KW	NS	007	A	$509.00
117647	DU-RAD-048V 275V1P 1.970KW	NS	007	A	$491.00
117639	DU-RAD-048 240V1P 1.970KW	NS	007	A	$509.00
117655	DU-RAD-058 120V1P 2.440KW	NS	008	A	$583.00
117663	DU-RAD-058V 208V1P 2.440KW	NS	008	A	$583.00
117671	DU-RAD-058 240V1P 2.440KW	NS	008	A	$583.00
117680	DU-RAD-058V 275V1P 2.440KW	NS	008	A	$583.00
117698	DU-RAD-058 480V1P 2.440KW	NS	008	A	$583.00
117700	DU-RAD-066 120V1P 2.820KW	NS	009	A	$647.00
117719	DU-RAD-066V 208V1P 2.820KW	NS	009	A	$628.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
117727	DU-RAD-066 240V1P 2.820KW	NS	009	A	$647.00
117735	DU-RAD-066V 275V1P 2.820KW	NS	009	A	$628.00
117743	DU-RAD-066 480V1P 2.820KW	NS	009	A	$647.00
117751	DU-RAD-074 120V1P 3.190KW	NS	010	A	$672.00
117760	DU-RAD-074V 208V1P 3.190KW	NS	010	A	$672.00
117778	DU-RAD-074 240V1P 3.190KW	NS	010	A	$691.00
117786	DU-RAD-074V 275V1P 3.190KW	NS	010	A	$672.00
117794	DU-RAD-074 480V1P 3.190KW	NS	010	A	$691.00
117807	DU-RAD-082V 208V1P 3.570KW	NS	011	A	$723.00
117815	DU-RAD-082 240V1P 3.570KW	NS	011	A	$743.00
117823	DU-RAD-082V 275V1P 3.570KW	NS	011	A	$723.00
117831	DU-RAD-082 480V1P 3.570KW	NS	011	A	$743.00
117840	DU-RAD-090V 208V1P 3.950KW	NS	012	A	$762.00
117858	DU-RAD-090 240V1P 3.950KW	NS	012	A	$787.00
117866	DU-RAD-090V 275V1P 3.950KW	NS	012	A	$787.00
117874	DU-RAD-090 480V1P 3.950KW	NS	012	A	$787.00
117882	DU-RAD-0102V 208V1P 4.520KW	NS	013	A	$837.00
117890	DU-RAD-0102 240V1P 4.520KW	NS	013	A	$837.00
117903	DU-RAD-0102V 275V1P 4.520KW	NS	013	A	$837.00
117911	DU-RAD-0102 480V1P 4.520KW	NS	013	A	$837.00
117920	DU-RAD-0112V 208V1P 4.990KW	NS	014	A	$910.00
117938	DU-RAD-0112 240V1P 4.990KW	NS	014	A	$910.00
117946	DU-RAD-0112V 275V1P 4.990KW	NS	014	A	$884.00
117954	DU-RAD-0112 480V1P 4.990KW	NS	014	A	$910.00
117962	DU-RAD-0124V 208V1P 5.560KW	NS	015	A	$971.00
117970	DU-RAD-0124 240V1P 5.560KW	NS	015	A	$1001.00
117989	DU-RAD-0124V 275V1P 5.560KW	NS	015	A	$971.00
117997	DU-RAD-0124 480V1P 5.560KW	NS	015	A	$1001.00
118009	DU-RAD-0136V 208V1P 6.130KW	NS	015	A	$1073.00
118017	DU-RAD-0136 240V1P 6.130KW	NS	015	A	$1073.00
118025	DU-RAD-0136V 275V1P 6.130KW	NS	015	A	$1073.00
118033	DU-RAD-0136 480V1P 6.130KW	NS	015	A	$1073.00
118041	DU-RAD-0148V 208V1P 6.700KW	NS	016	A	$1111.00
118050	DU-RAD-0148 240V1P 6.700KW	NS	016	A	$1145.00
118068	DU-RAD-0148V 275V1P 6.700KW	NS	016	A	$1111.00
118076	DU-RAD-0148 480V1P 6.700KW	NS	016	A	$1145.00
118084	DU-RAD-0156V 208V1P 7.100KW	NS	017	A	$1159.00
118092	DU-RAD-0156 240V1P 7.100KW	NS	017	A	$1159.00
118105	DU-RAD-0156V 275V1P 7.100KW	NS	017	A	$1159.00
118113	DU-RAD-0156 480V1P 7.100KW	NS	017	A	$1193.00
118121	DU-RAD-0164V 208V1P 7.450KW	NS	017	A	$1208.00
118130	DU-RAD-0164 240V1P 7.450KW	NS	017	A	$1208.00
118148	DU-RAD-0164V 275V1P 7.450KW	NS	017	A	$1208.00
118156	DU-RAD-0164 480V1P 7.450KW	NS	017	A	$1244.00
118164	DU-RAD-0172V 208V1P 7.830KW	NS	018	A	$1315.00
118172	DU-RAD-0172 240V1P 7.830KW	NS	018	A	$1315.00
118180	DU-RAD-0172V 275V1P 7.830KW	NS	018	A	$1315.00
118199	DU-RAD-0172 480V1P 7.830KW	NS	018	A	$1353.00

RUTU RADIANT HEATERS 514

111616	RUTU-2 120V1P .800KW	ST	002	A	$167.00
111624	RUTU-2V 208V1P .800KW	NS	002	A	$167.00
111632	RUTU-2 240V1P .800KW	ST	002	A	$167.00
111640	RUTU-2V 275V1P .800KW	NS	003	A	$167.00
111659	RUTU-3 120V1P 1.100KW	NS	003	A	$181.00
111667	RUTU-3V 208V1P 1.100KW	NS	003	A	$181.00
111675	RUTU-3 240V1P 1.100KW	ST	003	A	$181.00
111683	RUTU-3V 275V1P 1.100KW	NS	004	A	$181.00
111704	RUTU-4V 208V1P 1.800KW	NS	004	A	$236.00
111691	RUTU-4 240V1P 1.800KW	NS	004	A	$236.00
114569	RUTU-4 480V1P 1.800KW	ST	004	A	$236.00
111712	RUTU-4V 275V1P 1.800KW	NS	004	A	$228.00
111739	RUTU-5 208V1P 2.500KW	NS	005	A	$296.00
111720	RUTU-5 240V1P 2.500KW	NS	005	A	$296.00
111755	RUTU-5V 275V1P 2.500KW	NS	005	A	$287.00
111747	RUTU-5 480V1P 2.500KW	ST	005	A	$296.00
111771	RUTU-6V 208V1P 3.000KW	NS	006	A	$367.00
111763	RUTU-6 240V1P 3.000KW	NS	006	A	$367.00
111798	RUTU-6V 275V1P 3.000KW	NS	006	A	$367.00
111780	RUTU-6 480V1P 3.000KW	ST	006	A	$367.00
111819	RUTU-7V 208V1P 3.600KW	NS	007	A	$430.00
111800	RUTU-7 240V1P 3.600KW	NS	007	A	$430.00
111835	RUTU-7V 275V1P 3.600KW	NS	007	A	$430.00
111827	RUTU-7 480V1P 3.600KW	NS	007	A	$430.00

Special features

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. Single-end wiring RAD, RADD only to 86" overall length,	$36
3. Special lengths, check factory	

RTU HEATERS 517

1-1/2 IN COLD ENDS

147766	RTU-2063AX35 120V1P .400KW	NS	001	A	$79.50
147774	RTU-2063AX29 120V1P .650KW	NS	001	A	$81.50

2-1/8 IN COLD ENDS

106112	RTU-2083A 120V1P .800KW	NS	001	A	$103.00
106120	RTU-2083AV 208V1P .800KW	NS	001	A	$103.00
106139	RTU-2083A 240V1P .800KW	NS	001	A	$103.00
106147	RTU-2083AV 275V1P .800KW	NS	001	A	$103.00
106155	RTU-3113A 120V1P 1.100KW	NS	001	A	$114.00
106163	RTU-3113AV 208V1P 1.100KW	NS	001	A	$114.00
106171	RTU-3113A 240V1P 1.100KW	NS	001	A	$114.00
106180	RTU-3113AV 275V1P 1.100KW	NS	001	A	$114.00
147782	RTU-3133A 208V1P 1.300KW	NS	001	A	$126.00
108409	RTU-3133A 240V1P 1.300KW	NS	001	A	$126.00
147790	RTU-3133AV 275V1P 1.300KW	NS	001	A	$126.00
108396	RTU-3133A 480V1P 1.300KW	NS	001	A	$126.00
106198	RTU-4183AV 208V1P 1.800KW	NS	001	A	$147.00
106200	RTU-4183A 240V1P 1.800KW	NS	001	A	$147.00
106219	RTU-4183AV 275V1P 1.800KW	NS	001	A	$147.00
106227	RTU-4183A 480V1P 1.800KW	NS	001	A	$147.00
147803	RTU-5213AV 208V1P 2.150KW	NS	002	A	$179.00
147820	RTU-5213A 240V1P 2.150KW	NS	002	A	$179.00
147811	RTU-5213AV 275V1P 2.150KW	NS	002	A	$179.00
147838	RTU-5213A 480V1P 2.150KW	NS	002	A	$179.00
106235	RTU-5253AV 208V1P 2.500KW	NS	002	A	$215.00
106243	RTU-5253A 240V1P 2.500KW	NS	002	A	$215.00
106251	RTU-5253AV 275V1P 2.500KW	NS	002	A	$215.00
106260	RTU-5253A 480V1P 2.500KW	NS	002	A	$215.00
147846	RTU-5253M 480V1P 2.500KW	NS	002	A	$215.00
147854	RTU-6273AV 208V1P 2.700KW	NS	002	A	$232.00
147870	RTU-6273A 240V1P 2.700KW	NS	002	A	$232.00
147862	RTU-6273AV 275V1P 2.700KW	NS	002	A	$232.00
147889	RTU-6273A 480V1P 2.700KW	NS	002	A	$232.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
106278	RTU-6303AV 208V1P 3.000KW	NS	002	A	$267.00
106286	RTU-6303A 240V1P 3.000KW	NS	002	A	$267.00
106294	RTU-6303AV 275V1P 3.000KW	NS	002	A	$267.00
106307	RTU-6303A 480V1P 3.000KW	NS	002	A	$267.00
147897	RTU-6303M 480V1P 3.000KW	NS	002	A	$267.00
147900	RTU-7333AV 208V1P 3.350KW	NS	002	A	$301.00
147926	RTU-7333A 240V1P 3.350KW	NS	002	A	$301.00
147918	RTU-7333AV 275V1P 3.350KW	NS	002	A	$301.00
147934	RTU-7333A 480V1P 3.350KW	NS	002	A	$301.00
106315	RTU-7363AV 208V1P 3.600KW	NS	002	A	$326.00
106323	RTU-7363A 240V1P 3.600KW	NS	002	A	$326.00
106331	RTU-7363AV 275V1P 3.600KW	NS	002	A	$326.00
106340	RTU-7363A 480V1P 3.600KW	NS	002	A	$326.00
147942	RTU-7363M 480V1P 3.600KW	NS	002	A	$326.00
147950	RTU-8453AV 208V1P 4.500KW	NS	002	A	$375.00
147977	RTU-8453A 240V1P 4.500KW	NS	003	A	$375.00
147967	RTU-8453AV 275V1P 4.500KW	NS	003	A	$375.00
147985	RTU-8453A 480V1P 4.500KW	NS	003	A	$375.00
106358	RTU-7303AX10 240V1P 4.000KW	NS	004	A	$404.00
3-1/4 IN COLD ENDS					
106366	RTU-7303AX13 240V1P 5.000KW	NS	005	A	$552.00
4 IN COLD ENDS					
106374	RTU-7303AX9A 240V1P 5.500KW	NS	006	A	$662.00
106382	RTU-7363AX38 240V1P 6.500KW	NS	008	A	$813.00

UTU HAIRPIN BENT ELEMENTS 518

TYPE UTU 2-1/8 IN COLD ENDS					
106438	UTU-2 120V1P .800KW	NS	001	A	$117.00
106446	UTU-2V 208V1P .800KW	NS	001	A	$117.00
106454	UTU-2 240V1P .800KW	NS	001	A	$117.00
106462	UTU-2V 275V1P .800KW	NS	001	A	$117.00
106470	UTU-3 120V1P 1.100KW	NS	001	A	$126.00
106489	UTU-3V 208V1P 1.100KW	NS	001	A	$126.00
106497	UTU-3 240V1P 1.100KW	NS	001	A	$126.00
106500	UTU-3V 275V1P 1.100KW	NS	001	A	$126.00
106518	UTU-4V 208V1P 1.800KW	NS	001	A	$159.00
106526	UTU-4 240V1P 1.800KW	NS	001	A	$159.00
106534	UTU-4V 275V1P 1.800KW	NS	001	A	$159.00
106542	UTU-4 480V1P 1.800KW	NS	001	A	$159.00
106550	UTU-5V 208V1P 2.500KW	NS	002	A	$229.00
106569	UTU-5 240V1P 2.500KW	NS	002	A	$229.00
106577	UTU-5V 275V1P 2.500KW	NS	002	A	$229.00
106585	UTU-5 480V1P 2.500KW	NS	002	A	$229.00
106593	UTU-6V 208V1P 3.000KW	NS	002	A	$283.00
106606	UTU-6 240V1P 3.000KW	NS	002	A	$283.00
106614	UTU-6V 275V1P 3.000KW	NS	002	A	$283.00
106622	UTU-6 480V1P 3.000KW	NS	002	A	$283.00
106630	UTU-7V 208V1P 3.600KW	NS	002	A	$317.00
106649	UTU-7 240V1P 3.600KW	NS	002	A	$317.00
106657	UTU-7V 275V1P 3.600KW	NS	002	A	$317.00
106665	UTU-7 480V1P 3.600KW	NS	002	A	$317.00
TYPE UTU 2-3/4 IN COLD ENDS					
147002	UTU-40 120V1P 1.600KW	NS	001	A	$199.00
147029	UTU-40V 208V1P 1.600KW	NS	001	A	$195.00
147010	UTU-40 240V1P 1.600KW	NS	001	A	$199.00
147037	UTU-40V 275V1P 1.600KW	NS	001	A	$195.00
147045	UTU-48 120V1P 1.970KW	NS	001	A	$229.00
147061	UTU-48V 208V1P 1.970KW	NS	001	A	$229.00
147053	UTU-48 240V1P 1.970KW	NS	001	A	$228.00
147070	UTU-48V 275V1P 1.970KW	NS	001	A	$220.00
147088	UTU-58 120V1P 2.440KW	NS	002	A	$277.00
147117	UTU-58V 208V1P 2.440KW	NS	002	A	$268.00
147096	UTU-58 240V1P 2.440KW	NS	002	A	$277.00
147125	UTU-58V 275V1P 2.440KW	NS	002	A	$268.00
147109	UTU-58 480V1P 2.440KW	NS	002	A	$277.00
147133	UTU-66 120V1P 2.820KW	NS	002	A	$311.00
147168	UTU-66V 208V1P 2.820KW	NS	002	A	$301.00
147141	UTU-66 240V1P 2.820KW	NS	002	A	$311.00
147176	UTU-66V 275V1P 2.820KW	NS	002	A	$301.00
147150	UTU-66 480V1P 2.820KW	NS	002	A	$311.00
147184	UTU-74 120V1P 3.190KW	NS	002	A	$352.00
147221	UTU-74V 208V1P 3.190KW	NS	002	A	$352.00
147192	UTU-74 240V1P 3.190KW	NS	002	A	$364.00
147230	UTU-74V 275V1P 3.190KW	NS	002	A	$364.00
147205	UTU-74 480V1P 3.190KW	NS	002	A	$364.00
147248	UTU-82V 208V1P 3.570KW	NS	002	A	$369.00
147264	UTU-82 240V1P 3.570KW	NS	002	A	$382.00
147256	UTU-82V 275V1P 3.570KW	NS	002	A	$369.00
147272	UTU-82 480V1P 3.570KW	NS	002	A	$382.00
147280	UTU-90V 208V1P 3.950KW	NS	002	A	$385.00
147301	UTU-90 240V1P 3.950KW	NS	002	A	$396.00
147299	UTU-90V 275V1P 3.950KW	NS	002	A	$385.00
147310	UTU-90 480V1P 3.950KW	NS	002	A	$396.00
147328	UTU-102V 208V1P 4.520KW	NS	002	A	$424.00
147344	UTU-102 240V1P 4.520KW	NS	002	A	$436.00
147336	UTU-102V 275V1P 4.520KW	NS	002	A	$436.00
147352	UTU-102 480V1P 4.520KW	NS	002	A	$436.00
147360	UTU-112V 208V1P 4.990KW	NS	003	A	$476.00
147387	UTU-112 240V1P 4.990KW	NS	003	A	$476.00
147379	UTU-112V 275V1P 4.990KW	NS	003	A	$460.00
147395	UTU-112 480V1P 4.990KW	NS	003	A	$476.00
147408	UTU-124V 208V1P 5.560KW	NS	003	A	$530.00
147424	UTU-124 240V1P 5.560KW	NS	003	A	$545.00
147416	UTU-124V 275V1P 5.560KW	NS	003	A	$530.00
147432	UTU-124 480V1P 5.560KW	NS	003	A	$545.00
147440	UTU-136V 208V1P 6.130KW	NS	003	A	$612.00
147467	UTU-136 240V1P 6.130KW	NS	003	A	$595.00
147459	UTU-136V 275V1P 6.130KW	NS	003	A	$612.00
147475	UTU-136 480V1P 6.130KW	NS	003	A	$612.00
147483	UTU-148V 208V1P 6.700KW	NS	004	A	$674.00
147504	UTU-148 240V1P 6.700KW	NS	004	A	$674.00
147491	UTU-148V 275V1P 6.700KW	NS	004	A	$674.00
147512	UTU-148 480V1P 6.700KW	NS	004	A	$693.00
147520	UTU-156V 208V1P 7.100KW	NS	004	A	$718.00
147547	UTU-156 240V1P 7.100KW	NS	004	A	$718.00
147539	UTU-156V 275V1P 7.100KW	NS	004	A	$718.00
147555	UTU-156 480V1P 7.100KW	NS	004	A	$741.00
147580	UTU-164 240V1P 7.450KW	NS	004	A	$773.00
147571	UTU-164V 275V1P 7.450KW	NS	004	A	$773.00
147598	UTU-164 480V1P 7.450KW	NS	004	A	$773.00
147600	UTU-172V 208V1P 7.830KW	NS	005	A	$828.00
147627	UTU-172 240V1P 7.830KW	NS	005	A	$801.00
147619	UTU-172V 275V1P 7.830KW	NS	005	A	$801.00
147635	UTU-172 480V1P 7.830KW	NS	005	A	$828.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
	UTU-LT ELEMENTS W/THD FTG 518				
106673	UTU-2LT 120V1P .800KW	NS	001	A	$204.00
147643	UTU-2LTV 208V1P .800KW	NS	001	A	$204.00
106681	UTU-2LT 240V1P .800KW	NS	001	A	$204.00
147651	UTU-2LTV 275V1P .800KW	NS	001	A	$204.00
106690	UTU-3LT 120V1P 1.100KW	NS	001	A	$218.00
147660	UTU-3LTV 208V1P 1.100KW	NS	001	A	$218.00
106702	UTU-3LT 240V1P 1.100KW	NS	001	A	$218.00
147678	UTU-3LTV 275V1P 1.100KW	NS	001	A	$218.00
147686	UTU-4LTV 208V1P 1.800KW	NS	002	A	$246.00
106710	UTU-4LT 240V1P 1.800KW	NS	002	A	$246.00
147694	UTU-4LTV 275V1P 1.800KW	NS	002	A	$246.00
106729	UTU-4LT 480V1P 1.800KW	NS	002	A	$246.00
147707	UTU-5LTV 208V1P 2.500KW	NS	002	A	$314.00
106737	UTU-5LT 240V1P 2.500KW	NS	002	A	$314.00
147715	UTU-5LTV 275V1P 2.500KW	NS	002	A	$314.00
106745	UTU-5LT 480V1P 2.500KW	NS	002	A	$314.00
147723	UTU-6LTV 208V1P 3.000KW	NS	002	A	$381.00
106753	UTU-6LT 240V1P 3.000KW	NS	002	A	$381.00
147731	UTU-6LTV 275V1P 3.000KW	NS	002	A	$381.00
106761	UTU-6LT 480V1P 3.000KW	NS	002	A	$381.00
147740	UTU-7LTV 208V1P 3.600KW	NS	002	A	$412.00
106770	UTU-7LT 240V1P 3.600KW	NS	002	A	$412.00
147758	UTU-7LTV 275V1P 3.600KW	NS	002	A	$412.00
106788	UTU-7LT 480V1P 3.600KW	NS	002	A	$412.00
	URPT HAIRPIN BENT ELEMENTS 518				
147993	URPT-444V 208V1P 4.400KW	NS	002	A	$382.00
148013	URPT-444 240V1P 4.400KW	NS	002	A	$391.00
148005	URPT-444V 275V1P 4.400KW	NS	002	A	$382.00
148021	URPT-444 480V1P 4.400KW	NS	002	A	$391.00
148030	URPT-560V 208V1P 6.000KW	NS	003	A	$519.00
148056	URPT-560 240V1P 6.000KW	NS	003	A	$519.00
148048	URPT-560V 275V1P 6.000KW	NS	003	A	$535.00
148064	URPT-560 480V1P 6.000KW	NS	003	A	$535.00

Additional features

1. New Item Engineering Charge (prorated over line quantity	$100
Minimum line value for no charge	$500
2. Bending charges, per bend plus tool set-up charge	$6
Tool set-up charge for bending, per lot	$50
3. Special cold end even inch per end for cold end longer than standard.	$2

4. Special sheath length to 110 inches, use list price of next longest catalog item and add New Item Engineering Charge. For longer lengths, check with factory.

PCN	DESCRIPTION	SS	WT	D	PRICE
	GR PROTECTIVE GRILLES				
111878	GR-2 GRILLE	ST	001	A	$27.75
111886	GR-3 GRILLE	ST	001	A	$40.25
111894	GR-4 GRILLE	ST	001	A	$44.50
111907	GR-5 GRILLE	ST	001	A	$61.50
111915	GR-6 GRILLE	ST	001	A	$120.00
111860	GR-800 GRILLE	ST	001	A	$64.00
	CR-RAD COMP REFLECTORS 519				
148072	CR-RAD-2083	NS	004	A	$181.00
148080	CR-RAD-3113	NS	005	A	$242.00
148099	CR-RAD-4183	NS	007	A	$268.00
148101	CR-RAD-5253	NS	009	A	$319.00
148110	CR-RAD-6303	NS	011	A	$386.00
148128	CR-RAD-7363	NS	013	A	$454.00
148136	CR-RAD-8453	NS	018	A	$555.00
	TERMINAL BOXES 519				
148152	3-112426 TERM BOX	NS	002	A	$58.00
148144	1-112426 TERM BOX	NS	002	A	$58.00
148160	1-118462 TERM BOX	NS	002	A	$58.00
148179	2-118462 TERM BOX	NS	002	A	$58.00
	PIPE PLUG 1/2 IN 519				
113970	1-113863 1/2IN PIPE PLUG	ST	000	A	$8.25
	JUMPER STRAP 519				
113996	30-75230 JUMPERSTRAP	NS	000	C	$4.25
118922	WIRING TERM RETAINER	ST	000	C	$4.25
	CPL,CPH WIDE AREA PANELS 571				
223790	CPL-0612T 120/240V1P 1.1KW	NS	003	A	$705.00
223802	CPH-0624T 240/480V1P 1.8KW	ST	003	A	$781.00
223810	CPL-1224T 240/480V1P 2.2KW	ST	006	A	$856.00
223829	CPH-1224 240/480V1P 3.6KW	NS	006	A	$832.00
223837	CPH-1224T 240/480V1P 3.6KW	NS	006	A	$938.00
223845	CPL-2424T 240/480V1P 4.3KW	NS	012	A	$1136.00
223853	CPH-2423 240V3P 7.2KW	NS	012	A	$1136.00
223861	CPH-2423T 240V3P 7.2KW	NS	012	A	$1247.00
223870	CPH-2443 480V3P 7.2KW	ST	012	A	$1136.00
223888	CPH-2443T 480V3P 7.2KW	NS	012	A	$1247.00
223896	CPL-4823T 240V3P 8.6KW	NS	024	A	$1675.00
223909	CPL-4843 480V3P 8.6KW	NS	024	A	$1570.00
223917	CPL-4843T 480V3P 8.6KW	NS	024	A	$1675.00
223925	CPH-4823T 240V3P 14.4KW	NS	024	A	$1843.00
223933	CPH-4843T 480V3P 14.4KW	ST	024	A	$1843.00
223941	CPL-6043T 480V3P 10.8KW	ST	030	A	$1967.00
223950	CPH-6023T 240V3P 18.0KW	NS	030	A	$2167.00
223968	CPH-6043T 480V3P 18.0KW	ST	030	A	$2167.00
	CPLI,CPHI WIDE AREA PANELS 573				
224469	CPLI-0618-05 230V, .55KW,	NS	005	A	$682.00
224477	CPLI-0618-10 230V1P 1.00KW	NS	005	A	$682.00
224485	CPLI-0624-13 230V1P 1.30KW	NS	006	A	$682.00
224493	CPLI-0630-15 230V1P 1.55KW	NS	008	A	$851.00
224506	CPLI-1212-15 230V1P 1.30KW	NS	006	C	$682.00
224514	CPLI-1616-18 230V1P 1.80KW	NS	011	A	$831.00
224522	CPLI-1624-35 230V1P 3.50KW	NS	016	A	$1231.00
224530	CPLI-2424-37 230V1P 3.75KW	NS	024	A	$1415.00
224549	CPHI-0424 240V1PH 1.6KW	NS	003	A	$405.00
224557	CPHI-0624 240/480V, 2.4KW	NS	005	A	$549.00
224565	CPHI-0824 240/480V, 3.2KW	NS	007	A	$691.00
224573	CPHI-1024T 240/480V1P 4.0KW	NS	008	A	$835.00
224581	CPHI-1224T 240/480V1P 4.8KW	NS	010	A	$976.00
	NWH CIRCULATION HEATERS 617				
	COPPER ELEMENTS 80 WATTS/SQ.IN, NWH-JR WATER				
197720	NWHJRG-01-01P5-E1 120V1P 1.5KW	ST	014	A	$1966.00
197739	NWHJRG-01-01P5-E1 240V1P 1.5KW	ST	014	A	$1966.00
197747	NWHJRG-01-002P-E1 120V1P 2KW	ST	014	A	$1984.00
197755	NWHJRG-01-002P-E1 240V1P 2KW	ST	014	A	$1984.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
197763	NWHJRG-01-02P5-E1 120V1P 2.5KW	ST	016	A	$2061.00
197771	NWHJRG-01-02P5-E1 240V1P 2.5KW	ST	016	A	$2061.00
106825	NWHJRG-01-003P-E1 120V1P 3KW	NS	016	A	$2079.00
197780	NWHJRG-01-003P-E1 240V1P 3KW	ST	016	A	$2079.00

CVCHS CIRCULATION HEATERS 660

INCOLOY ELEMENT 75 WATTS/SQ IN, STAINLESS STEEL ELEMENT FLANGE

025030	CVCHS-01-01P5-E1 240V1P 1.5KW	ST	007	C	$1327.00
025048	CVCHS-01-002P-E1 120V1P 2KW	NS	007	C	$1338.00
025056	CVCHS-01-002P-E1 240V1P 2KW	NS	007	C	$1338.00
025064	CVCHS-01-02P5-E1 120V1P 2.5KW	NS	007	C	$1355.00
025072	CVCHS-01-02P5-E1 240V1P 2.5KW	NS	007	C	$1355.00
025080	CVCHS-01-003P-E1 120V1P 3KW	ST	007	C	$1363.00
025099	CVCHS-01-003P-E1 240V1P 3KW	ST	007	C	$1363.00

SPECIAL FEATURES NOT AVAILABLE FOR CVCHS

NWH VERSATHERM HEATERS 616

100010	NWHSRG-06-018P-E1	NS	000	A	$1719.00
100028	NWHSRG-06-018P-E1	NS	000	A	$1719.00
100036	NWHSRG-06-02OP-E1	NS	000	A	$2308.00
100044	NWHSRG-06-024P-E1	NS	000	A	$1719.00
100079	NWHSRG-06-024P-E1	NS	000	A	$1719.00
100095	NWHSRG-06-040P-E1	NS	000	A	$2308.00
100327	NWHSRG-06-018P-E2	NS	000	A	$2170.00
100343	NWHSRG-06-018P-E2	NS	000	A	$2170.00
100351	NWHSRG-06-020P-E2	NS	000	A	$2765.00
100360	NWHSRG-06-024P-E2	NS	000	A	$2170.00
100378	NWHSRG-06-024P-E2	NS	000	A	$2170.00
100386	NWHSRG-06-040P-E2	NS	000	A	$2765.00

NWHMT CIRCULATION HEATERS 611

COPPER ELEMENTS 45 WATTS/SQ.IN W/ INTEGRAL THERMOSTAT IN TERMINAL HOUSING (RANGE 60-250 DEG F), NWHMT-3 WATER

094019	NWHMT-03-003P-E1 120V1P 3KW	NS	015	C	$2373.00
094300	NWHMT-03-003P-E2 120V1P 3KW	NS	020	C	$2593.00
094027	NWHMT-03-003P-E1 240V1P 3KW	NS	015	C	$2373.00
094318	NWHMT-03-003P-E2 240V1P 3KW	NS	020	C	$2593.00
094035	NWHMT-03-003P-E1 240V3P 3KW	NS	015	C	$2373.00
094326	NWHMT-03-003P-E2 240V3P 3KW	NS	020	C	$2593.00
094043	NWHMT-03-003P-E1 480V1P 3KW	NS	015	C	$2373.00
094334	NWHMT-03-003P-E2 480V1P 3KW	NS	020	C	$2593.00
094051	NWHMT-03-003P-E1 480V3P 3KW	NS	015	C	$2373.00
094342	NWHMT-03-003P-E2 480V3P 3KW	NS	020	C	$2593.00
094060	NWHMT-03-04P5-E1 240V1P 4.5KW	NS	015	C	$2420.00
094350	NWHMT-03-04P5-E2 240V1P 4.5KW	NS	020	C	$2640.00
094078	NWHMT-03-04P5-E1 240V3P 4.5KW	NS	015	C	$2420.00
094369	NWHMT-03-04P5-E2 240V3P 4.5KW	NS	020	C	$2640.00
094086	NWHMT-03-04P5-E1 480V1P 4.5KW	NS	015	C	$2420.00
094377	NWHMT-03-04P5-E2 480V1P 4.5KW	NS	020	C	$2640.00
094094	NWHMT-03-04P5-E1 480V3P 4.5KW	NS	015	C	$2420.00
094385	NWHMT-03-04P5-E2 480V3P 4.5KW	NS	020	C	$2640.00
094107	NWHMT-03-006P-E1 240V1P 6KW	NS	022	C	$2902.00
094393	NWHMT-03-006P-E2 240V1P 6KW	NS	027	C	$3122.00
094115	NWHMT-03-006P-E1 240V3P 6KW	NS	022	C	$2902.00
094406	NWHMT-03-006P-E2 240V3P 6KW	NS	027	C	$3122.00
094123	NWHMT-03-006P-E1 480V1P 6KW	NS	022	C	$2902.00
094414	NWHMT-03-006P-E2 480V1P 6KW	NS	027	C	$3122.00
094131	NWHMT-03-006P-E1 480V3P 6KW	NS	022	C	$2902.00
094422	NWHMT-03-006P-E2 480V3P 6KW	NS	027	C	$3122.00
094140	NWHMT-03-009P-E1 240V1P 9KW	NS	022	C	$3014.00
094430	NWHMT-03-009P-E2 240V1P 9KW	NS	027	C	$3234.00
094158	NWHMT-03-009P-E1 240V3P 9KW	NS	022	C	$3014.00
094449	NWHMT-03-009P-E2 240V3P 9KW	NS	027	C	$3234.00
094166	NWHMT-03-009P-E1 480V1P 9KW	NS	022	C	$3014.00
094457	NWHMT-03-009P-E2 480V1P 9KW	NS	027	C	$3234.00
094174	NWHMT-03-009P-E1 480V3P 9KW	NS	022	C	$3014.00
094465	NWHMT-03-009P-E2 480V3P 9KW	NS	027	C	$3234.00
094182	NWHMT-03-012P-E1 240V1P 12KW	NS	040	C	$3842.00
094473	NWHMT-03-012P-E2 240V1P 12KW	NS	045	C	$4062.00
094190	NWHMT-03-012P-E1 240V3P 12KW	NS	040	C	$3842.00
094481	NWHMT-03-012P-E2 240V3P 12KW	NS	045	C	$4062.00
094203	NWHMT-03-012P-E1 480V1P 12KW	NS	040	C	$3842.00
094490	NWHMT-03-012P-E2 480V1P 12KW	NS	045	C	$4062.00
094211	NWHMT-03-012P-E1 480V3P 12KW	NS	040	C	$3842.00
094502	NWHMT-03-012P-E2 480V3P 12KW	NS	045	C	$4062.00
094220	NWHMT-03-015P-E1 240V1P 15KW	NS	040	C	$3960.00
094510	NWHMT-03-015P-E2 240V1P 15KW	NS	045	C	$4180.00
094238	NWHMT-03-015P-E1 240V3P 15KW	NS	040	C	$3960.00
094529	NWHMT-03-015P-E2 240V3P 15KW	NS	045	C	$4180.00
094246	NWHMT-03-015P-E1 480V1P 15KW	NS	040	C	$3960.00
094537	NWHMT-03-015P-E2 480V1P 15KW	NS	045	C	$4180.00
094254	NWHMT-03-015P-E1 480V3P 15KW	NS	040	C	$3960.00
094545	NWHMT-03-015P-E2 480V3P 15KW	NS	045	C	$4180.00
094262	NWHMT-03-018P-E1 240V1P 18KW	NS	040	C	$4077.00
094553	NWHMT-03-018P-E2 240V1P 18KW	NS	045	C	$4297.00
094270	NWHMT-03-018P-E1 240V3P 18KW	NS	040	C	$4077.00
094561	NWHMT-03-018P-E2 240V3P 18KW	NS	045	C	$4297.00
094289	NWHMT-03-018P-E1 480V1P 18KW	NS	040	C	$4077.00
094570	NWHMT-03-018P-E2 480V1P 18KW	NS	045	C	$4297.00
094297	NWHMT-03-018P-E1 480V3P 18KW	NS	040	C	$4077.00
094588	NWHMT-03-018P-E2 480V3P 18KW	NS	045	C	$4297.00

NWH CIRCULATION HEATERS 611

COPPER ELEMENTS 45 WATTS/SQ.IN, NWH-3 WATER

100052	NWH-03-006P-E1 240V1P 6KW	NS	070	C	$3582.00
010022	NWH-03-006P-E2 240V1P 6KW	NS	073	C	$3802.00
010030	NWH-03-006P-E4 240V1P 6KW	NS	073	C	$3802.00
100060	NWH-03-006P-E1 240V3P 6KW	NS	070	C	$3582.00
010049	NWH-03-006P-E2 240V3P 6KW	NS	073	C	$3802.00
010057	NWH-03-006P-E4 240V3P 6KW	NS	073	C	$3802.00
010065	NWH-03-006P-E1 480V1P 6KW	NS	070	C	$3582.00
010033	NWH-03-006P-E2 480V1P 6KW	NS	073	C	$3802.00
010081	NWH-03-006P-E4 480V1P 6KW	NS	073	C	$3802.00
100087	NWH-03-006P-E1 480V3P 6KW	ST	070	C	$3582.00
010090	NWH-03-006P-E2 480V3P 6KW	NS	073	C	$3802.00
010102	NWH-03-006P-E4 480V3P 6KW	NS	073	C	$3802.00
100183	NWH-03-009P-E1 240V1P 9KW	NS	070	C	$3690.00
010129	NWH-03-009P-E2 240V1P 9KW	NS	073	C	$3910.00
010137	NWH-03-009P-E4 240V1P 9KW	NS	073	C	$3910.00
100191	NWH-03-009P-E1 240V3P 9KW	NS	070	C	$3690.00
010145	NWH-03-009P-E2 240V3P 9KW	NS	073	C	$3910.00
010153	NWH-03-009P-E4 240V3P 9KW	NS	073	C	$3910.00
010161	NWH-03-009P-E1 480V1P 9KW	NS	070	C	$3690.00
010170	NWH-03-009P-E2 480V1P 9KW	NS	073	C	$3910.00
010188	NWH-03-009P-E4 480V1P 9KW	NS	073	C	$3910.00

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PCN	DESCRIPTION		SS	WT	D	PRICE
100212	NWH-03-009P-E1	480V3P 9KW	ST	070	C	$3690.00
010196	NWH-03-009P-E2	480V3P 9KW	NS	073	C	$3910.00
010209	NWH-03-009P-E4	480V3P 9KW	NS	073	C	$3910.00
010217	NWH-03-012P-E1	240V1P 12KW	NS	080	C	$4220.00
010225	NWH-03-012P-E2	240V1P 12KW	NS	086	C	$4440.00
010233	NWH-03-012P-E4	240V1P 12KW	NS	087	C	$4440.00
100319	NWH-03-012P-E1	240V3P 12KW	NS	080	C	$4220.00
010268	NWH-03-012P-E2	240V3P 12KW	NS	086	C	$4440.00
010276	NWH-03-012P-E4	240V3P 12KW	NS	087	C	$4440.00
010250	NWH-03-012P-E1	480V1P 12KW	NS	080	C	$4220.00
010241	NWH-03-012P-E2	480V1P 12KW	NS	086	C	$4440.00
010284	NWH-03-012P-E4	480V1P 12KW	NS	087	C	$4440.00
100335	NWH-03-012P-E1	480V3P 12KW	NS	080	C	$4220.00
010292	NWH-03-012P-E2	480V3P 12KW	NS	086	C	$4440.00
010305	NWH-03-012P-E4	480V3P 12KW	NS	087	C	$4440.00
010313	NWH-03-015P-E1	240V1P 15KW	NS	096	C	$4846.00
010321	NWH-03-015P-E2	240V1P 15KW	NS	102	C	$5066.00
010330	NWH-03-015P-E4	240V1P 15KW	NS	103	C	$5066.00
100431	NWH-03-015P-E1	240V3P 15KW	NS	096	C	$4846.00
010348	NWH-03-015P-E2	240V3P 15KW	NS	102	C	$5066.00
010356	NWH-03-015P-E4	240V3P 15KW	NS	103	C	$5066.00
010364	NWH-03-015P-E1	480V1P 15KW	NS	096	C	$4846.00
010372	NWH-03-015P-E2	480V1P 15KW	NS	102	C	$5066.00
010380	NWH-03-015P-E4	480V1P 15KW	NS	103	C	$5066.00
100458	NWH-03-015P-E1	480V3P 15KW	ST	096	C	$4846.00
010399	NWH-03-015P-E2	480V3P 15KW	NS	102	C	$5066.00
010401	NWH-03-015P-E4	480V3P 15KW	NS	103	C	$5066.00
010410	NWH-03-018P-E1	240V1P 18KW	NS	098	C	$4954.00
010428	NWH-03-018P-E2	240V1P 18KW	NS	104	C	$5174.00
010436	NWH-03-018P-E4	240V1P 18KW	NS	105	C	$5174.00
100554	NWH-03-018P-E1	240V3P 18KW	ST	098	C	$4954.00
010444	NWH-03-018P-E2	240V3P 18KW	NS	104	C	$5174.00
010452	NWH-03-018P-E4	240V3P 18KW	NS	105	C	$5174.00
010460	NWH-03-018P-E1	480V1P 18KW	NS	098	C	$4954.00
010479	NWH-03-018P-E2	480V1P 18KW	NS	104	C	$5174.00
010487	NWH-03-018P-E4	480V1P 18KW	NS	105	C	$5174.00
100570	NWH-03-018P-E1	480V3P 18KW	NS	098	C	$4954.00
010495	NWH-03-018P-E2	480V3P 18KW	NS	104	C	$5174.00
010508	NWH-03-018P-E4	480V3P 18KW	NS	105	C	$5174.00

NWH CIRCULATION HEATERS 611

COPPER ELEMENTS 45 WATTS/SQ.IN, NWH-6 WATER

100677	NWH-06-024P-E1	240V3P 24KW	NS	140	C	$6500.00
010516	NWH-06-024P-E2	240V3P 24KW	NS	146	C	$6989.00
010524	NWH-06-024P-E4	240V3P 24KW	NS	147	C	$6989.00
100693	NWH-06-024P-E1	480V3P 24KW	ST	140	C	$6500.00
010567	NWH-06-024P-E2	480V3P 24KW	NS	146	C	$6989.00
010575	NWH-06-024P-E4	480V3P 24KW	NS	147	C	$6989.00
100790	NWH-06-030P-E1	240V3P 30KW	NS	155	C	$7270.00
010583	NWH-06-030P-E2	240V3P 30KW	NS	161	C	$7759.00
010591	NWH-06-030P-E4	240V3P 30KW	NS	162	C	$7759.00
100810	NWH-06-030P-E1	480V3P 30KW	ST	155	C	$7270.00
010639	NWH-06-030P-E2	480V3P 30KW	NS	161	C	$7759.00
010647	NWH-06-030P-E4	480V3P 30KW	NS	162	C	$7759.00
100917	NWH-06-040P-E1	240V3P 40KW	NS	176	C	$8541.00
010655	NWH-06-040P-E2	240V3P 40KW	NS	182	C	$9030.00
010663	NWH-06-040P-E4	240V3P 40KW	NS	183	C	$9030.00
010671	NWH-06-040P-E1	480V3P 40KW	NS	176	C	$8541.00
010680	NWH-06-040P-E2	480V3P 40KW	NS	182	C	$9030.00
010698	NWH-06-040P-E4	480V3P 40KW	NS	183	C	$9030.00
010700	NWH-06-050P-E1	480V3P 50KW	NS	210	C	$9968.00
010719	NWH-06-050P-E2	480V3P 50KW	NS	216	C	$10457.00
010727	NWH-06-050P-E4	480V3P 50KW	NS	217	C	$10457.00
010735	NWH-06-060P-E1	480V3P 60KW	NS	240	C	$11363.00
010743	NWH-06-060P-E2	480V3P 60KW	NS	246	C	$11852.00
010751	NWH-06-060P-E4	480V3P 60KW	NS	247	C	$11852.00

NWH CIRCULATION HEATERS 611

COPPER ELEMENTS 45 WATTS/SQ.IN, NWH-18 WATER

102664	NWH-18-050P-E1	240V3P 50KW	NS	396	C	$10734.00
094596	NWH-18-050P-E2	240V3P 50KW	NS	408	C	$11888.00
094730	NWH-18-050P-E4	240V3P 50KW	NS	408	C	$11625.00
102672	NWH-18-050P-E1	480V3P 50KW	NS	396	C	$10734.00
094609	NWH-18-050P-E2	480V3P 50KW	NS	408	C	$11888.00
094748	NWH-18-050P-E4	480V3P 50KW	NS	408	C	$11625.00
102701	NWH-18-075P-E1	240V3P 75KW	NS	414	C	$12871.00
094617	NWH-18-075P-E2	240V3P 75KW	NS	426	C	$14025.00
094756	NWH-18-075P-E4	240V3P 75KW	NS	426	C	$13762.00
102710	NWH-18-075P-E1	480V3P 75KW	NS	414	C	$12871.00
094625	NWH-18-075P-E2	480V3P 75KW	NS	426	C	$14025.00
094764	NWH-18-075P-E4	480V3P 75KW	NS	426	C	$13762.00
102744	NWH-18-100P-E1	240V3P 100KW	NS	425	C	$14837.00
094633	NWH-18-100P-E2	240V3P 100KW	NS	437	C	$15992.00
094772	NWH-18-100P-E4	240V3P 100KW	NS	437	C	$15728.00
102752	NWH-18-100P-E1	480V3P 100KW	NS	425	C	$14837.00
094641	NWH-18-100P-E2	480V3P 100KW	NS	437	C	$15992.00
094780	NWH-18-100P-E4	480V3P 100KW	NS	437	C	$15728.00
080012	NWH-18-125P-E1	240V3P 125KW	NS	470	C	$16888.00
094650	NWH-18-125P-E2	240V3P 125KW	NS	482	C	$18042.00
094799	NWH-18-125P-E4	240V3P 125KW	NS	482	C	$17779.00
080020	NWH-18-125P-E1	480V3P 125KW	NS	470	C	$16888.00
094668	NWH-18-125P-E2	480V3P 125KW	NS	482	C	$18042.00
094801	NWH-18-125P-E4	480V3P 125KW	NS	482	C	$17779.00
080039	NWH-18-150P-E1	240V3P 150KW	NS	535	C	$19273.00
094676	NWH-18-150P-E2	240V3P 150KW	NS	547	C	$20428.00
094810	NWH-18-150P-E4	240V3P 150KW	NS	547	C	$20164.00
080047	NWH-18-150P-E1	480V3P 150KW	NS	535	C	$19273.00
094684	NWH-18-150P-E2	480V3P 150KW	NS	547	C	$20428.00
094828	NWH-18-150P-E4	480V3P 150KW	NS	547	C	$20164.00
080055	NWH-18-175P-E1	240V3P 175KW	NS	625	C	$21575.00
094692	NWH-18-175P-E2	240V3P 175KW	NS	637	C	$22730.00
094836	NWH-18-175P-E4	240V3P 175KW	NS	637	C	$22466.00
080063	NWH-18-175P-E1	480V3P 175KW	NS	625	C	$21575.00
094705	NWH-18-175P-E2	480V3P 175KW	NS	637	C	$22730.00
094844	NWH-18-175P-E4	480V3P 175KW	NS	637	C	$22466.00
080071	NWH-18-200P-E1	240V3P 200KW	NS	705	C	$24045.00
094713	NWH-18-200P-E2	240V3P 200KW	NS	717	C	$25199.00
094852	NWH-18-200P-E4	240V3P 200KW	NS	717	C	$24936.00
080080	NWH-18-200P-E1	480V3P 200KW	NS	705	C	$24045.00
094721	NWH-18-200P-E2	480V3P 200KW	NS	717	C	$25199.00
094860	NWH-18-200P-E4	480V3P 200KW	NS	717	C	$24936.00

NWH CIRCULATION HEATERS 611

COPPER ELEMENTS 50 WATTS/SQ.IN, NWH-45 WATER

086019	NWH-45-250P-E1	480V3P 250KW	NS	830	C	$34223.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
094879	NWH-45-250P-E2 480V3P 250KW	NS	850	C	$36019.00
094932	NWH-45-250P-E4 480V3P 250KW	NS	850	C	$35609.00
086027	NWH-45-300P-E1 480V3P 300KW	NS	960	C	$38276.00
094887	NWH-45-300P-E2 480V3P 300KW	NS	980	C	$40072.00
094940	NWH-45-300P-E4 480V3P 300KW	NS	980	C	$39662.00
086035	NWH-45-350P-E1 480V3P 350KW	NS	980	C	$42330.00
094895	NWH-45-350P-E2 480V3P 350KW	NS	980	C	$44125.00
094959	NWH-45-350P-E4 480V3P 350KW	NS	980	C	$43716.00
086043	NWH-45-400P-E1 480V3P 400KW	NS	980	C	$46383.00
094908	NWH-45-400P-E2 480V3P 400KW	NS	980	C	$48178.00
094967	NWH-45-400P-E4 480V3P 400KW	NS	980	C	$47769.00
086051	NWH-45-450P-E1 480V3P 450KW	NS	980	C	$50436.00
094916	NWH-45-450P-E2 480V3P 450KW	NS	980	C	$52232.00
094975	NWH-45-450P-E4 480V3P 450KW	NS	980	C	$51822.00
086060	NWH-45-500P-E1 480V3P 500KW	NS	980	C	$54490.00
094924	NWH-45-500P-E2 480V3P 500KW	NS	980	C	$56285.00
094983	NWH-45-500P-E4 480V3P 500KW	NS	980	C	$55876.00

NWHMTO CIRCULATION HEATERS 612

STEEL ELEMENTS 15 WATTS/SQ. IN, W/ INTEGRAL THERMOSTAT IN TERMINAL HOUSING (RANGE 60-250°), NWHMTOR-3 FUEL OIL

022357	NWHMTOR-03-001P-E1 120V1P 1KW	NS	010	C	$2149.00
022550	NWHMTOR-03-001P-E2 120V1P 1KW	NS	015	C	$2369.00
022365	NWHMTOR-03-001P-E1 240V1P 1KW	NS	010	C	$2149.00
022568	NWHMTOR-03-001P-E2 240V1P 1KW	NS	015	C	$2369.00
022373	NWHMTOR-03-001P-E1 240V3P 1KW	NS	010	C	$2149.00
022576	NWHMTOR-03-001P-E2 240V3P 1KW	NS	015	C	$2369.00
022381	NWHMTOR-03-001P-E1 480V3P 1KW	NS	010	C	$2149.00
022584	NWHMTOR-03-001P-E2 480V3P 1KW	NS	015	C	$2369.00
022390	NWHMTOR-03-003P-E1 240V1P 3KW	NS	022	C	$2506.00
022592	NWHMTOR-03-003P-E2 240V1P 3KW	NS	027	C	$2726.00
022402	NWHMTOR-03-003P-E1 240V3P 3KW	NS	022	C	$2506.00
022605	NWHMTOR-03-003P-E2 240V3P 3KW	NS	027	C	$2726.00
022410	NWHMTOR-03-003P-E1 480V1P 3KW	NS	022	C	$2506.00
022613	NWHMTOR-03-003P-E2 480V1P 3KW	NS	027	C	$2726.00
022429	NWHMTOR-03-003P-E1 480V3P 3KW	NS	022	C	$2506.00
022621	NWHMTOR-03-003P-E2 480V3P 3KW	NS	027	C	$2726.00
022437	NWHMTOR-03-005P-E1 240V1P 5KW	NS	040	C	$3074.00
022630	NWHMTOR-03-005P-E2 240V1P 5KW	NS	045	C	$3294.00
022445	NWHMTOR-03-005P-E1 240V3P 5KW	NS	040	C	$3074.00
022648	NWHMTOR-03-005P-E2 240V3P 5KW	NS	045	C	$3294.00
022453	NWHMTOR-03-005P-E1 480V1P 5KW	NS	040	C	$3074.00
022656	NWHMTOR-03-005P-E2 480V1P 5KW	NS	045	C	$3294.00
022461	NWHMTOR-03-005P-E1 480V3P 5KW	NS	040	C	$3074.00
022664	NWHMTOR-03-005P-E2 480V3P 5KW	NS	045	C	$3294.00
022470	NWHMTOR-03-07P5-E1 240V1P7.5KW	NS	048	C	$3416.00
022672	NWHMTOR-03-07P5-E2 240V1P7.5KW	NS	053	C	$3636.00
022488	NWHMTOR-03-07P5-E1 240V3P7.5KW	NS	048	C	$3416.00
022680	NWHMTOR-03-07P5-E2 240V3P7.5KW	NS	053	C	$3636.00
022496	NWHMTOR-03-07P5-E1 480V1P7.5KW	NS	048	C	$3416.00
022699	NWHMTOR-03-07P5-E2 480V1P7.5KW	NS	053	C	$3636.00
022509	NWHMTOR-03-07P5-E1 480V3P7.5KW	NS	048	C	$3416.00
022701	NWHMTOR-03-07P5-E2 480V3P7.5KW	NS	053	C	$3636.00
022517	NWHMTOR-03-009P-E1 240V1P 9KW	NS	054	C	$3715.00
022710	NWHMTOR-03-009P-E2 240V1P 9KW	NS	059	C	$3935.00
022525	NWHMTOR-03-009P-E1 240V3P 9KW	NS	054	C	$3715.00
022728	NWHMTOR-03-009P-E2 240V3P 9KW	NS	059	C	$3935.00
022533	NWHMTOR-03-009P-E1 480V1P 9KW	NS	054	C	$3715.00
022736	NWHMTOR-03-009P-E2 480V1P 9KW	NS	059	C	$3935.00
022541	NWHMTOR-03-009P-E1 480V3P 9KW	NS	054	C	$3715.00
022744	NWHMTOR-03-009P-E2 480V3P 9KW	NS	059	C	$3935.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 15 WATTS/SQ. IN, NWHOR-3 FUEL OIL

010760	NWHOR-03-003P-E1 240V1P 3KW	NS	070	C	$2671.00
010778	NWHOR-03-003P-E2 240V1P 3KW	NS	073	C	$2891.00
010786	NWHOR-03-003P-E4 240V1P 3KW	NS	073	C	$2891.00
101995	NWHOR-03-003P-E1 240V3P 3KW	NS	070	C	$2671.00
010794	NWHOR-03-003P-E2 240V3P 3KW	NS	073	C	$2891.00
010807	NWHOR-03-003P-E4 240V3P 3KW	NS	073	C	$2891.00
010815	NWHOR-03-003P-E1 480V1P 3KW	NS	070	C	$2671.00
010823	NWHOR-03-003P-E2 480V1P 3KW	NS	073	C	$2891.00
010831	NWHOR-03-003P-E4 480V1P 3KW	NS	073	C	$2891.00
010840	NWHOR-03-003P-E1 480V3P 3KW	NS	070	C	$2671.00
010858	NWHOR-03-003P-E2 480V3P 3KW	NS	073	C	$2891.00
010866	NWHOR-03-003P-E4 480V3P 3KW	NS	073	C	$2891.00
010874	NWHOR-03-004P-E1 240V1P 4KW	NS	080	C	$2986.00
010882	NWHOR-03-004P-E2 240V1P 4KW	NS	083	C	$3206.00
010890	NWHOR-03-004P-E4 240V1P 4KW	NS	083	C	$3206.00
010903	NWHOR-03-004P-E1 240V3P 4KW	NS	080	C	$2986.00
010911	NWHOR-03-004P-E2 240V3P 4KW	NS	083	C	$3206.00
010920	NWHOR-03-004P-E4 240V3P 4KW	NS	083	C	$3206.00
010938	NWHOR-03-004P-E1 480V1P 4KW	NS	080	C	$2986.00
010946	NWHOR-03-004P-E2 480V1P 4KW	NS	083	C	$3206.00
010954	NWHOR-03-004P-E4 480V1P 4KW	NS	083	C	$3206.00
010962	NWHOR-03-004P-E1 480V3P 4KW	NS	080	C	$2986.00
010970	NWHOR-03-004P-E2 480V3P 4KW	NS	083	C	$3206.00
010989	NWHOR-03-004P-E4 480V3P 4KW	NS	083	C	$3206.00
010997	NWHOR-03-006P-E1 240V1P 6KW	NS	094	C	$3383.00
011009	NWHOR-03-006P-E2 240V1P 6KW	NS	097	C	$3603.00
011017	NWHOR-03-006P-E4 240V1P 6KW	NS	097	C	$3603.00
102234	NWHOR-03-006P-E1 240V3P 6KW	NS	094	C	$3383.00
011025	NWHOR-03-006P-E2 240V3P 6KW	NS	097	C	$3603.00
011033	NWHOR-03-006P-E4 240V3P 6KW	NS	097	C	$3603.00
011041	NWHOR-03-006P-E1 480V1P 6KW	NS	094	C	$3383.00
011050	NWHOR-03-006P-E2 480V1P 6KW	NS	097	C	$3603.00
011068	NWHOR-03-006P-E4 480V1P 6KW	NS	097	C	$3603.00
102250	NWHOR-03-006P-E1 480V3P 6KW	NS	094	C	$3383.00
011076	NWHOR-03-006P-E2 480V3P 6KW	NS	097	C	$3603.00
011084	NWHOR-03-006P-E4 480V3P 6KW	NS	097	C	$3603.00

NWHOR-6 CIRCULATION HEATERS 612

STEEL ELEMENTS 15 WATTS/SQ. IN, FUEL OIL

102357	NWHOR-06-008P-E1 240V3P 8KW	NS	140	C	$4485.00
011121	NWHOR-06-008P-E2 240V3P 8KW	NS	146	C	$4974.00
011130	NWHOR-06-008P-E4 240V3P 8KW	NS	147	C	$4974.00
011172	NWHOR-06-008P-E1 480V3P 8KW	NS	140	C	$4485.00
011180	NWHOR-06-008P-E2 480V3P 8KW	NS	146	C	$4974.00
011199	NWHOR-06-008P-E4 480V3P 8KW	NS	147	C	$4974.00
011236	NWHOR-06-010P-E1 240V3P 10KW	NS	155	C	$4915.00
011244	NWHOR-06-010P-E2 240V3P 10KW	NS	161	C	$5404.00
011252	NWHOR-06-010P-E4 240V3P 10KW	NS	162	C	$5404.00
102496	NWHOR-06-010P-E1 480V3P 10KW	NS	155	C	$4915.00
011295	NWHOR-06-010P-E2 480V3P 10KW	NS	161	C	$5404.00
011308	NWHOR-06-010P-E4 480V3P 10KW	NS	162	C	$5404.00
014200	NWHOR-06-12P-E1 240V3P 12KW	NS	176	C	$5616.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
011471	NWHOR-06-12P-E2 240V3P 12KW	NS	182	C	$6105.00
011148	NWHOR-06-12P-E4 240V3P 12KW	NS	183	C	$6105.00
011498	NWHOR-06-12P-E1 480V3P 12KW	NS	176	C	$5616.00
011500	NWHOR-06-12P-E2 480V3P 12KW	NS	182	C	$6105.00
011519	NWHOR-06-12P-E4 480V3P 12KW	NS	183	C	$6105.00
090253	NWHOR-06-015P-E1 240V3P 15KW	NS	212	C	$6389.00
090261	NWHOR-06-015P-E2 240V3P 15KW	NS	218	C	$6878.00
090270	NWHOR-06-015P-E4 240V3P 15KW	NS	219	C	$6878.00
107510	NWHOR-06-015P-E1 480V3P 15KW	NS	212	C	$6389.00
090288	NWHOR-06-015P-E2 480V3P 15KW	NS	218	C	$6878.00
090296	NWHOR-06-015P-E4 480V3P 15KW	NS	219	C	$6878.00
011527	NWHOR-06-018P-E1 240V3P 18KW	NS	240	C	$7143.00
011535	NWHOR-06-018P-E2 240V3P 18KW	NS	246	C	$7632.00
011543	NWHOR-06-018P-E4 240V3P 18KW	NS	247	C	$7632.00
107529	NWHOR-06-018P-E1 480V3P 18KW	NS	240	C	$7143.00
011586	NWHOR-06-018P-E2 480V3P 18KW	NS	246	C	$7632.00
011594	NWHOR-06-018P-E4 480V3P 18KW	NS	247	C	$7632.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 12 WATTS/SQ. IN, NWHOR-18,NWHORB-18 FUEL OIL

PCN	DESCRIPTION	SS	WT	D	PRICE
080442	NWHOR-18-020P-E1 240V3P 20KW	NS	450	C	$8888.00
022752	NWHOR-18-020P-E2 240V3P 20KW	NS	462	C	$10043.00
022912	NWHOR-18-020P-E4 240V3P 20KW	NS	462	C	$9779.00
080450	NWHOR-18-020P-E1 480V3P 20KW	NS	450	C	$8888.00
022779	NWHOR-18-020P-E2 480V3P 20KW	NS	462	C	$10043.00
022939	NWHOR-18-020P-E4 480V3P 20KW	NS	462	C	$9779.00
080469	NWHORB-18-020P-E1 240V3P 20KW	NS	456	C	$9723.00
022760	NWHORB-18-020P-E2 240V3P 20KW	NS	468	C	$10877.00
022920	NWHORB-18-020P-E4 240V3P 20KW	NS	468	C	$10614.00
080477	NWHORB-18-020P-E1 480V3P 20KW	NS	456	C	$9723.00
022787	NWHORB-18-020P-E2 480V3P 20KW	NS	468	C	$10877.00
022947	NWHORB-18-020P-E4 480V3P 20KW	NS	468	C	$10614.00
080485	NWHOR-18-025P-E1 240V3P 25KW	NS	500	C	$9893.00
022795	NWHOR-18-025P-E2 240V3P 25KW	NS	512	C	$11047.00
022955	NWHOR-18-025P-E4 240V3P 25KW	NS	512	C	$10784.00
080493	NWHOR-18-025P-E1 480V3P 25KW	NS	500	C	$9893.00
022816	NWHOR-18-025P-E2 480V3P 25KW	NS	512	C	$11047.00
022971	NWHOR-18-025P-E4 480V3P 25KW	NS	512	C	$10784.00
080506	NWHORB-18-025P-E1 240V3P 25KW	NS	506	C	$10727.00
022808	NWHORB-18-025P-E2 240V3P 25KW	NS	518	C	$11882.00
022963	NWHORB-18-025P-E4 240V3P 25KW	NS	518	C	$11618.00
082000	NWHORB-18-025P-E1 480V3P 25KW	NS	506	C	$10727.00
022824	NWHORB-18-025P-E2 480V3P 25KW	NS	000	C	$11882.00
022980	NWHORB-18-025P-E4 480V3P 25KW	NS	518	C	$11618.00
080522	NWHOR-18-030P-E1 240V3P 30KW	NS	565	C	$10968.00
022832	NWHOR-18-030P-E2 240V3P 30KW	NS	577	C	$12122.00
022998	NWHOR-18-030P-E4 240V3P 30KW	NS	577	C	$11859.00
080530	NWHOR-18-030P-E1 480V3P 30KW	NS	565	C	$10968.00
022859	NWHOR-18-030P-E2 480V3P 30KW	NS	577	C	$12122.00
023018	NWHOR-18-030P-E4 480V3P 30KW	NS	577	C	$11859.00
080549	NWHORB-18-030P-E1 240V3P 30KW	NS	571	C	$11802.00
022840	NWHORB-18-030P-E2 240V3P 30KW	NS	583	C	$12957.00
023000	NWHORB-18-030P-E4 240V3P 30KW	NS	583	C	$12693.00
080557	NWHORB-18-030P-E1 480V3P 30KW	NS	571	C	$11802.00
022867	NWHORB-18-030P-E2 480V3P 30KW	NS	583	C	$12957.00
023026	NWHORB-18-030P-E4 480V3P 30KW	NS	583	C	$12693.00
080565	NWHOR-18-035P-E1 240V3P 35KW	NS	650	C	$12323.00
022875	NWHOR-18-035P-E2 240V3P 35KW	NS	662	C	$13478.00
023034	NWHOR-18-035P-E4 240V3P 35KW	NS	662	C	$13214.00
080573	NWHOR-18-035P-E1 480V3P 35KW	NS	650	C	$12323.00
022891	NWHOR-18-035P-E2 480V3P 35KW	NS	662	C	$13478.00
023050	NWHOR-18-035P-E4 480V3P 35KW	NS	662	C	$13214.00
080581	NWHORB-18-035P-E1 240V3P 35KW	NS	656	C	$13158.00
022883	NWHORB-18-035P-E2 240V3P 35KW	NS	668	C	$14312.00
023042	NWHORB-18-035P-E4 240V3P 35KW	NS	668	C	$14049.00
080590	NWHORB-18-035P-E1 480V3P 35KW	NS	656	C	$13158.00
022904	NWHORB-18-035P-E2 480V3P 35KW	NS	668	C	$14312.00
023069	NWHORB-18-035P-E4 480V3P 35KW	NS	668	C	$14049.00
080602	NWHOR-18-040P-E1 240V3P 40KW	NS	725	C	$13609.00
023077	NWHOR-18-040P-E2 240V3P 40KW	NS	737	C	$14763.00
023157	NWHOR-18-040P-E4 240V3P 40KW	NS	737	C	$14500.00
080610	NWHOR-18-040P-E1 480V3P 40KW	NS	725	C	$13609.00
023093	NWHOR-18-040P-E2 480V3P 40KW	NS	737	C	$14763.00
023173	NWHOR-18-040P-E4 480V3P 40KW	NS	737	C	$14500.00
080629	NWHORB-18-040P-E1 240V3P 40KW	NS	731	C	$14443.00
023085	NWHORB-18-040P-E2 240V3P 40KW	NS	743	C	$15597.00
023165	NWHORB-18-040P-E4 240V3P 40KW	NS	743	C	$15334.00
080637	NWHORB-18-040P-E1 480V3P 40KW	NS	731	C	$14443.00
023106	NWHORB-18-040P-E2 480V3P 40KW	NS	743	C	$15597.00
023181	NWHORB-18-040P-E4 480V3P 40KW	NS	743	C	$15334.00
080645	NWHOR-18-045P-E1 240V3P 45KW	NS	815	C	$15034.00
023114	NWHOR-18-045P-E2 240V3P 45KW	NS	827	C	$16189.00
023190	NWHOR-18-045P-E4 240V3P 45KW	NS	827	C	$15925.00
080653	NWHOR-18-045P-E1 480V3P 45KW	NS	815	C	$15034.00
023130	NWHOR-18-045P-E2 480V3P 45KW	NS	827	C	$16189.00
023210	NWHOR-18-045P-E4 480V3P 45KW	NS	827	C	$15925.00
080661	NWHORB-18-045P-E1 240V3P 45KW	NS	821	C	$15869.00
023122	NWHORB-18-045P-E2 240V3P 45KW	NS	833	C	$17023.00
023202	NWHORB-18-045P-E4 240V3P 45KW	NS	833	C	$16760.00
084507	NWHORB-18-045P-E1 480V3P 45KW	NS	821	C	$15869.00
023149	NWHORB-18-045P-E2 480V3P 45KW	NS	833	C	$17023.00
023229	NWHORB-18-045P-E4 480V3P 45KW	NS	833	C	$16760.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 12 WATTS/SQ. IN, NWHOR-27 REGULAR OIL

PCN	DESCRIPTION	SS	WT	D	PRICE
023237	NWHOR-27-050P-E1 240V3P 50KW	NS	730	C	$16480.00
023350	NWHOR-27-050P-E2 240V3P 50KW	NS	742	C	$17848.00
023472	NWHOR-27-050P-E4 240V3P 50KW	NS	742	C	$17536.00
023253	NWHOR-27-050P-E1 480V3P 50KW	NS	730	C	$16480.00
023376	NWHOR-27-050P-E2 480V3P 50KW	NS	742	C	$17848.00
023499	NWHOR-27-050P-E4 480V3P 50KW	NS	742	C	$17536.00
023245	NWHORB-27-050P-E1 240V3P 50KW	NS	736	C	$17469.00
023368	NWHORB-27-050P-E2 240V3P 50KW	NS	748	C	$18837.00
023480	NWHORB-27-050P-E4 240V3P 50KW	NS	748	C	$18525.00
023261	NWHORB-27-050P-E1 480V3P 50KW	NS	736	C	$17469.00
023384	NWHORB-27-050P-E2 480V3P 50KW	NS	748	C	$18837.00
023501	NWHORB-27-050P-E4 480V3P 50KW	NS	748	C	$18525.00
023270	NWHOR-27-060P-E1 240V3P 60KW	NS	750	C	$18566.00
023392	NWHOR-27-060P-E2 240V3P 60KW	NS	762	C	$19934.00
023510	NWHOR-27-060P-E4 240V3P 60KW	NS	762	C	$19622.00
023296	NWHOR-27-060P-E1 480V3P 60KW	NS	750	C	$18566.00
023413	NWHOR-27-060P-E2 480V3P 60KW	NS	762	C	$19934.00
023536	NWHOR-27-060P-E4 480V3P 60KW	NS	762	C	$19622.00
023288	NWHORB-27-060P-E1 240V3P 60KW	NS	756	C	$19555.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
023405	NWHORB-27-060P-E2 240V3P 60KW	NS	768	C	$20923.00
023528	NWHORB-27-060P-E4 240V3P 60KW	NS	768	C	$20611.00
023309	NWHORB-27-060P-E1 480V3P 60KW	NS	756	C	$19555.00
023421	NWHORB-27-060P-E2 480V3P 60KW	NS	768	C	$20923.00
023544	NWHORB-27-060P-E4 480V3P 60KW	NS	768	C	$20611.00
023317	NWHOR-27-070P-E1 240V3P 70KW	NS	770	C	$20653.00
023430	NWHOR-27-070P-E2 240V3P 70KW	NS	782	C	$22021.00
023552	NWHOR-27-070P-E4 240V3P 70KW	NS	782	C	$21709.00
023333	NWHOR-27-070P-E1 480V3P 70KW	NS	770	C	$20653.00
023456	NWHOR-27-070P-E2 480V3P 70KW	NS	782	C	$22021.00
023579	NWHOR-27-070P-E4 480V3P 70KW	NS	782	C	$21709.00
023325	NWHORB-27-070P-E1 240V3P 70KW	NS	776	C	$21641.00
023448	NWHORB-27-070P-E2 240V3P 70KW	NS	788	C	$23009.00
023560	NWHORB-27-070P-E4 240V3P 70KW	NS	788	C	$22697.00
023341	NWHORB-27-070P-E1 480V3P 70KW	NS	776	C	$21641.00
023464	NWHORB-27-070P-E2 480V3P 70KW	NS	788	C	$23009.00
023587	NWHORB-27-070P-E4 480V3P 70KW	NS	788	C	$22697.00

NWHMTO CIRCULATION HEATERS 612

STEEL ELEMENTS 23 WATTS/SQ.IN. W/ INTEGRAL THERMOSTAT IN TERMINAL HOUSING (RANGE 200-550°F), NWHMTO-3 REGULAR OIL

PCN	DESCRIPTION	SS	WT	D	PRICE
094991	NWHMTO-03-003P-E1 240V1P 3KW	NS	022	C	$2462.00
095193	NWHMTO-03-003P-E2 240V1P 3KW	NS	027	C	$2682.00
095003	NWHMTO-03-003P-E1 240V3P 3KW	NS	022	C	$2462.00
095206	NWHMTO-03-003P-E2 240V3P 3KW	NS	027	C	$2682.00
095011	NWHMTO-03-003P-E1 480V1P 3KW	NS	022	C	$2462.00
095214	NWHMTO-03-003P-E2 480V1P 3KW	NS	027	C	$2682.00
095020	NWHMTO-03-003P-E1 480V3P 3KW	NS	022	C	$2462.00
095222	NWHMTO-03-003P-E2 480V3P 3KW	NS	027	C	$2682.00
095038	NWHMTO-03-04P5-E1 240V1P 4.5KW	NS	022	C	$2513.00
095230	NWHMTO-03-04P5-E2 240V1P 4.5KW	NS	027	C	$2733.00
095046	NWHMTO-03-04P5-E1 240V3P 4.5KW	NS	022	C	$2513.00
095249	NWHMTO-03-04P5-E2 240V3P 4.5KW	NS	027	C	$2733.00
095054	NWHMTO-03-04P5-E1 480V1P 4.5KW	NS	022	C	$2513.00
095257	NWHMTO-03-04P5-E2 480V1P 4.5KW	NS	027	C	$2733.00
095062	NWHMTO-03-04P5-E1 480V3P 4.5KW	NS	022	C	$2513.00
095265	NWHMTO-03-04P5-E2 480V3P 4.5KW	NS	027	C	$2733.00
095070	NWHMTO-03-006P-E1 240V1P 6KW	NS	040	C	$2988.00
095273	NWHMTO-03-006P-E2 240V1P 6KW	NS	045	C	$3208.00
095089	NWHMTO-03-006P-E1 240V3P 6KW	NS	040	C	$2988.00
095281	NWHMTO-03-006P-E2 240V3P 6KW	NS	045	C	$3208.00
095097	NWHMTO-03-006P-E1 480V1P 6KW	NS	040	C	$2988.00
095290	NWHMTO-03-006P-E2 480V1P 6KW	NS	045	C	$3208.00
095100	NWHMTO-03-006P-E1 480V3P 6KW	NS	040	C	$2988.00
095302	NWHMTO-03-006P-E2 480V3P 6KW	NS	045	C	$3208.00
095118	NWHMTO-03-07P5-E1 240V1P 7.5KW	NS	040	C	$3077.00
095310	NWHMTO-03-07P5-E2 240V1P 7.5KW	NS	045	C	$3297.00
095126	NWHMTO-03-07P5-E1 240V3P 7.5KW	NS	040	C	$3077.00
095329	NWHMTO-03-07P5-E2 240V3P 7.5KW	NS	045	C	$3297.00
095134	NWHMTO-03-07P5-E1 480V1P 7.5KW	NS	040	C	$3077.00
095337	NWHMTO-03-07P5-E2 480V1P 7.5KW	NS	045	C	$3297.00
095142	NWHMTO-03-07P5-E1 480V3P 7.5KW	NS	040	C	$3077.00
095345	NWHMTO-03-07P5-E2 480V3P 7.5KW	NS	045	C	$3297.00
095150	NWHMTO-03-009P-E1 240V1P 9KW	NS	040	C	$3137.00
095353	NWHMTO-03-009P-E2 240V1P 9KW	NS	045	C	$3357.00
095169	NWHMTO-03-009P-E1 240V3P 9KW	NS	040	C	$3137.00
095361	NWHMTO-03-009P-E2 240V3P 9KW	NS	045	C	$3357.00
095177	NWHMTO-03-009P-E1 480V1P 9KW	NS	040	C	$3137.00
095370	NWHMTO-03-009P-E2 480V1P 9KW	NS	045	C	$3357.00
095185	NWHMTO-03-009P-E1 480V3P 9KW	NS	040	C	$3137.00
095388	NWHMTO-03-009P-E2 480V3P 9KW	NS	045	C	$3357.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 23 WATTS/SQ. IN, NWHO-3 REGULAR OIL

PCN	DESCRIPTION	SS	WT	D	PRICE
011615	NWHO-03-003P-E1 240V1P 3KW	NS	070	C	$2263.00
011623	NWHO-03-003P-E2 240V1P 3KW	NS	073	C	$2846.00
011631	NWHO-03-003P-E4 240V1P 3KW	NS	073	C	$2846.00
011640	NWHO-03-003P-E1 240V3P 3KW	NS	070	C	$2263.00
011658	NWHO-03-003P-E2 240V3P 3KW	NS	073	C	$2846.00
011666	NWHO-03-003P-E4 240V3P 3KW	NS	073	C	$2846.00
011674	NWHO-03-003P-E1 480V1P 3KW	NS	070	C	$2626.00
011682	NWHO-03-003P-E2 480V1P 3KW	NS	073	C	$2846.00
011690	NWHO-03-003P-E4 480V1P 3KW	NS	073	C	$2846.00
011703	NWHO-03-003P-E1 480V3P 3KW	NS	070	C	$2626.00
011711	NWHO-03-003P-E2 480V3P 3KW	NS	073	C	$2846.00
011720	NWHO-03-003P-E4 480V3P 3KW	NS	073	C	$2846.00
011738	NWHO-03-04P5-E1 240V1P 4.5KW	NS	070	C	$2677.00
011746	NWHO-03-04P5-E2 240V1P 4.5KW	NS	073	C	$2897.00
011754	NWHO-03-04P5-E4 240V1P 4.5KW	NS	073	C	$2897.00
101151	NWHO-03-04P5-E1 240V3P 4.5KW	NS	070	C	$2677.00
011762	NWHO-03-04P5-E2 240V3P 4.5KW	NS	073	C	$2897.00
011770	NWHO-03-04P5-E4 240V3P 4.5KW	NS	073	C	$2897.00
011789	NWHO-03-04P5-E1 480V1P 4.5KW	NS	070	C	$2677.00
011797	NWHO-03-04P5-E2 480V1P 4.5KW	NS	073	C	$2897.00
011800	NWHO-03-04P5-E4 480V1P 4.5KW	NS	073	C	$2897.00
101178	NWHO-03-04P5-E1 480V3P 4.5KW	NS	070	C	$2677.00
011818	NWHO-03-04P5-E2 480V3P 4.5KW	NS	073	C	$2897.00
011826	NWHO-03-04P5-E4 480V3P 4.5KW	NS	073	C	$2897.00
011834	NWHO-03-006P-E1 240V1P 6KW	NS	080	C	$2995.00
011842	NWHO-03-006P-E2 240V1P 6KW	NS	083	C	$3215.00
011850	NWHO-03-006P-E4 240V1P 6KW	NS	083	C	$3215.00
101274	NWHO-03-006P-E1 240V3P 6KW	NS	080	C	$2995.00
011869	NWHO-03-006P-E2 240V3P 6KW	NS	083	C	$3215.00
011877	NWHO-03-006P-E4 240V3P 6KW	NS	083	C	$3215.00
011885	NWHO-03-006P-E1 480V1P 6KW	NS	080	C	$2995.00
011893	NWHO-03-006P-E2 480V1P 6KW	NS	083	C	$3215.00
011906	NWHO-03-006P-E4 480V1P 6KW	NS	083	C	$3215.00
101290	NWHO-03-006P-E1 480V3P 6KW	NS	080	C	$2995.00
011914	NWHO-03-006P-E2 480V3P 6KW	NS	083	C	$3215.00
011922	NWHO-03-006P-E4 480V3P 6KW	NS	083	C	$3215.00
011930	NWHO-03-07P5-E1 480V1P 7.5KW	NS	094	C	$3547.00
011949	NWHO-03-07P5-E2 480V1P 7.5KW	NS	097	C	$3767.00
011957	NWHO-03-07P5-E4 480V1P 7.5KW	NS	097	C	$3767.00
011965	NWHO-03-07P5-E1 480V3P 7.5KW	NS	094	C	$3547.00
011973	NWHO-03-07P5-E2 480V3P 7.5KW	NS	097	C	$3767.00
011981	NWHO-03-07P5-E4 480V3P 7.5KW	NS	097	C	$3767.00
011990	NWHO-03-009P-E1 240V1P 9KW	NS	094	C	$3636.00
012001	NWHO-03-009P-E2 240V1P 9KW	NS	097	C	$3856.00
011287	NWHO-03-009P-E4 240V1P 9KW	NS	097	C	$3856.00
101514	NWHO-03-009P-E1 240V3P 9KW	NS	094	C	$3636.00
011201	NWHO-03-009P-E2 240V3P 9KW	NS	097	C	$3856.00
011412	NWHO-03-009P-E4 240V3P 9KW	NS	097	C	$3856.00
011279	NWHO-03-009P-E1 480V1P 9KW	NS	094	C	$3636.00
011210	NWHO-03-009P-E2 480V1P 9KW	NS	097	C	$3856.00
011420	NWHO-03-009P-E4 480V1P 9KW	NS	097	C	$3856.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
101530	NWHO-03-009P-E1 480V3P 9KW	ST	094	C	$3636.00
011228	NWHO-03-009P-E2 480V3P 9KW	NS	097	C	$3856.00
011439	NWHO-03-009P-E4 480V3P 9KW	NS	097	C	$3856.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 23 WATTS/SQ. IN, NWHO-6 REGULAR OIL

101637	NWHO-06-012P-E1 240V3P 12KW	NS	140	C	$4503.00
011447	NWHO-06-012P-E2 240V3P 12KW	NS	146	C	$4992.00
011463	NWHO-06-012P-E4 240V3P 12KW	NS	147	C	$4992.00
011560	NWHO-06-012P-E1 480V3P 12KW	NS	140	C	$4503.00
011455	NWHO-06-012P-E2 480V3P 12KW	NS	146	C	$4992.00
011551	NWHO-06-012P-E4 480V3P 12KW	NS	147	C	$4992.00
101750	NWHO-06-015P-E1 240V3P 15KW	NS	155	C	$4938.00
011578	NWHO-06-015P-E2 240V3P 15KW	NS	161	C	$5427.00
014120	NWHO-06-015P-E4 240V3P 15KW	NS	162	C	$5427.00
101776	NWHO-06-015P-E1 480V3P 15KW	NS	155	C	$4938.00
011340	NWHO-06-015P-E2 480V3P 15KW	NS	161	C	$5427.00
014138	NWHO-06-015P-E4 480V3P 15KW	NS	162	C	$5427.00
101872	NWHO-06-020P-E1 240V3P 20KW	NS	176	C	$5652.00
011375	NWHO-06-020P-E2 240V3P 20KW	NS	182	C	$6141.00
014146	NWHO-06-020P-E4 240V3P 20KW	NS	183	C	$6141.00
101899	NWHO-06-020P-E1 480V3P 20KW	ST	176	C	$5652.00
011391	NWHO-06-020P-E2 480V3P 20KW	NS	182	C	$6141.00
014154	NWHO-06-020P-E4 480V3P 20KW	NS	183	C	$6141.00
011316	NWHO-06-025P-E1 240V3P 25KW	NS	210	C	$6479.00
011332	NWHO-06-025P-E2 240V3P 25KW	NS	216	C	$6968.00
014162	NWHO-06-025P-E4 240V3P 25KW	NS	217	C	$6968.00
011367	NWHO-06-025P-E1 480V3P 25KW	NS	210	C	$6479.00
011359	NWHO-06-025P-E2 480V3P 25KW	NS	216	C	$6968.00
014170	NWHO-06-025P-E4 480V3P 25KW	NS	217	C	$6968.00
011324	NWHO-06-030P-E1 240V3P 30KW	NS	240	C	$7283.00
011383	NWHO-06-030P-E2 240V3P 30KW	NS	246	C	$7772.00
014189	NWHO-06-030P-E4 240V3P 30KW	NS	247	C	$7772.00
107537	NWHO-06-030P-E1 480V3P 30KW	ST	240	C	$7283.00
011404	NWHO-06-030P-E2 480V3P 30KW	NS	246	C	$7772.00
014197	NWHO-06-030P-E4 480V3P 30KW	NS	247	C	$7772.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 20 WATTS/SQ. IN, NWHO-18 REGULAR OIL

080194	NWHO-18-030P-E1 240V3P 30KW	NS	360	C	$8933.00
095396	NWHO-18-030P-E2 240V3P 30KW	NS	372	C	$10088.00
095636	NWHO-18-030P-E4 240V3P 30KW	NS	372	C	$9824.00
080207	NWHO-18-030P-E1 480V3P 30KW	NS	360	C	$8933.00
095417	NWHO-18-030P-E2 480V3P 30KW	NS	372	C	$10088.00
095652	NWHO-18-030P-E4 480V3P 30KW	NS	372	C	$9824.00
080215	NWHOB-18-030P-E1 240V3P 30KW	NS	366	C	$9768.00
095409	NWHOB-18-030P-E2 240V3P 30KW	NS	378	C	$10922.00
095644	NWHOB-18-030P-E4 240V3P 30KW	NS	378	C	$10659.00
080223	NWHOB-18-030P-E1 480V3P 30KW	NS	366	C	$9768.00
095425	NWHOB-18-030P-E2 480V3P 30KW	NS	378	C	$10922.00
095660	NWHOB-18-030P-E4 480V3P 30KW	NS	378	C	$10659.00
080231	NWHO-18-040P-E1 240V3P 40KW	NS	436	C	$9961.00
095433	NWHO-18-040P-E2 240V3P 40KW	NS	448	C	$11115.00
095679	NWHO-18-040P-E4 240V3P 40KW	NS	448	C	$10852.00
084005	NWHO-18-040P-E1 480V3P 40KW	NS	436	C	$9961.00
095450	NWHO-18-040P-E2 480V3P 40KW	NS	448	C	$11115.00
095695	NWHO-18-040P-E4 480V3P 40KW	NS	448	C	$10852.00
080256	NWHOB-18-040P-E1 240V3P 40KW	NS	436	C	$10795.00
095441	NWHOB-18-040P-E2 240V3P 40KW	NS	454	C	$11949.00
095687	NWHOB-18-040P-E4 240V3P 40KW	NS	454	C	$11686.00
080266	NWHOB-18-040P-E1 480V3P 40KW	NS	436	C	$10795.00
095468	NWHOB-18-040P-E2 480V3P 40KW	NS	454	C	$11949.00
095708	NWHOB-18-040P-E4 480V3P 40KW	NS	454	C	$11686.00
080274	NWHO-18-050P-E1 240V3P 50KW	NS	500	C	$11058.00
095476	NWHO-18-050P-E2 240V3P 50KW	NS	512	C	$12212.00
095716	NWHO-18-050P-E4 240V3P 50KW	NS	512	C	$11949.00
080282	NWHO-18-050P-E1 480V3P 50KW	NS	500	C	$11058.00
095492	NWHO-18-050P-E2 480V3P 50KW	NS	512	C	$12212.00
095732	NWHO-18-050P-E4 480V3P 50KW	NS	512	C	$11949.00
080290	NWHOB-18-050P-E1 240V3P 50KW	NS	500	C	$11892.00
095484	NWHOB-18-050P-E2 240V3P 50KW	NS	518	C	$13047.00
095724	NWHOB-18-050P-E4 240V3P 50KW	NS	518	C	$12783.00
080303	NWHOB-18-050P-E1 480V3P 50KW	NS	500	C	$11892.00
095505	NWHOB-18-050P-E2 480V3P 50KW	NS	518	C	$13047.00
095740	NWHOB-18-050P-E4 480V3P 50KW	NS	518	C	$12783.00
080311	NWHO-18-060P-E1 240V3P 60KW	NS	500	C	$12436.00
095513	NWHO-18-060P-E2 240V3P 60KW	NS	612	C	$13590.00
095759	NWHO-18-060P-E4 240V3P 60KW	NS	612	C	$13327.00
080320	NWHO-18-060P-E1 480V3P 60KW	NS	500	C	$12436.00
095530	NWHO-18-060P-E2 480V3P 60KW	NS	612	C	$13590.00
095775	NWHO-18-060P-E4 480V3P 60KW	NS	612	C	$13327.00
080338	NWHOB-18-060P-E1 240V3P 60KW	NS	500	C	$13270.00
095521	NWHOB-18-060P-E2 240V3P 60KW	NS	618	C	$14425.00
095767	NWHOB-18-060P-E4 240V3P 60KW	NS	618	C	$14161.00
080346	NWHOB-18-060P-E1 480V3P 60KW	NS	500	C	$13270.00
095548	NWHOB-18-060P-E2 480V3P 60KW	NS	618	C	$14425.00
095783	NWHOB-18-060P-E4 480V3P 60KW	NS	618	C	$14161.00
080354	NWHO-18-070P-E1 240V3P 70KW	NS	660	C	$13744.00
095556	NWHO-18-070P-E2 240V3P 70KW	NS	672	C	$14898.00
095791	NWHO-18-070P-E4 240V3P 70KW	NS	672	C	$14635.00
080362	NWHO-18-070P-E1 480V3P 70KW	NS	660	C	$13744.00
095572	NWHO-18-070P-E2 480V3P 70KW	NS	672	C	$14898.00
095812	NWHO-18-070P-E4 480V3P 70KW	NS	672	C	$14635.00
080370	NWHOB-18-070P-E1 240V3P 70KW	NS	660	C	$14578.00
095564	NWHOB-18-070P-E2 240V3P 70KW	NS	678	C	$15732.00
095804	NWHOB-18-070P-E4 240V3P 70KW	NS	678	C	$15469.00
080389	NWHOB-18-070P-E1 480V3P 70KW	NS	660	C	$14578.00
095580	NWHOB-18-070P-E2 480V3P 70KW	NS	678	C	$15732.00
095820	NWHOB-18-070P-E4 480V3P 70KW	NS	678	C	$15469.00
080397	NWHO-18-080P-E1 240V3P 80KW	NS	750	C	$15192.00
095599	NWHO-18-080P-E2 240V3P 80KW	NS	762	C	$16346.00
095839	NWHO-18-080P-E4 240V3P 80KW	NS	768	C	$16083.00
080400	NWHO-18-080P-E1 480V3P 80KW	NS	750	C	$15192.00
095610	NWHO-18-080P-E2 480V3P 80KW	NS	768	C	$16346.00
095855	NWHO-18-080P-E4 480V3P 80KW	NS	768	C	$16083.00
080418	NWHOB-18-080P-E1 240V3P 80KW	NS	750	C	$16026.00
095601	NWHOB-18-080P-E2 240V3P 80KW	NS	768	C	$17181.00
095847	NWHOB-18-080P-E4 240V3P 80KW	NS	768	C	$16917.00
080426	NWHOB-18-080P-E1 480V 3P 80KW	NS	750	C	$16026.00
095628	NWHOB-18-080P-E2 480V 3P 80KW	NS	768	C	$17181.00
095863	NWHOB-18-080P-E4 480V 3P 80KW	NS	768	C	$16917.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 20 WATTS/SQ. IN, NWHO-27 REGULAR OIL

095871	NWHO-27-080P-E1 240V3P 80KW	NS	720	C	$16615.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
022031	NWHO-27-080P-E2 240V3P 80KW	NS	732	C	$17983.00
022197	NWHO-27-080P-E4 240V3P 80KW	NS	732	C	$17671.00
095898	NWHO-27-080P-E1 480V3P 80KW	NS	720	C	$16615.00
022058	NWHO-27-080P-E2 480V3P 80KW	NS	732	C	$17983.00
022218	NWHO-27-080P-E4 480V3P 80KW	NS	732	C	$17671.00
095880	NWHOB-27-080P-E1 240V3P 80KW	NS	726	C	$17604.00
022040	NWHOB-27-080P-E2 240V3P 80KW	NS	738	C	$18972.00
022200	NWHOB-27-080P-E4 240V3P 80KW	NS	738	C	$18660.00
095900	NWHOB-27-080P-E1 480V3P 80KW	NS	726	C	$17604.00
022066	NWHOB-27-080P-E2 480V3P 80KW	NS	738	C	$18972.00
022226	NWHOB-27-080P-E4 480V3P 80KW	NS	738	C	$18660.00
095919	NWHO-27-090P-E1 240V3P 90KW	NS	735	C	$17477.00
022074	NWHO-27-090P-E2 240V3P 90KW	NS	747	C	$18845.00
022234	NWHO-27-090P-E4 240V3P 90KW	NS	747	C	$18533.00
095935	NWHO-27-090P-E1 480V3P 90KW	NS	735	C	$17477.00
022090	NWHO-27-090P-E2 480V3P 90KW	NS	747	C	$18845.00
022250	NWHO-27-090P-E4 480V3P 90KW	NS	747	C	$18533.00
095927	NWHOB-27-090P-E1 240V3P 90KW	NS	741	C	$18465.00
022082	NWHOB-27-090P-E2 240V3P 90KW	NS	753	C	$19833.00
022242	NWHOB-27-090P-E4 240V3P 90KW	NS	753	C	$19521.00
095943	NWHOB-27-090P-E1 480V3P 90KW	NS	741	C	$18465.00
022103	NWHOB-27-090P-E2 480V3P 90KW	NS	753	C	$19833.00
022269	NWHOB-27-090P-E4 480V3P 90KW	NS	753	C	$19521.00
095951	NWHO-27-100P-E1 480V3P 100KW	NS	750	C	$18746.00
022111	NWHO-27-100P-E2 480V3P 100KW	NS	762	C	$20114.00
022277	NWHO-27-100P-E4 480V3P 100KW	NS	762	C	$19802.00
095960	NWHOB-27-100P-E1 480V3P 100KW	NS	756	C	$19735.00
022120	NWHOB-27-100P-E2 480V3P 100KW	NS	768	C	$21103.00
022285	NWHOB-27-100P-E4 480V3P 100KW	NS	768	C	$20791.00
095994	NWHO-27-120P-E1 480V3P 120KW	NS	750	C	$20878.00
022154	NWHO-27-120P-E2 480V3P 120KW	NS	777	C	$22246.00
022314	NWHO-27-120P-E4 480V3P 120KW	NS	777	C	$21934.00
096006	NWHO-27-120P-E1 480V3P 120KW	NS	771	C	$21866.00
022162	NWHO-27-120P-E2 480V3P 120KW	NS	783	C	$23234.00
022322	NWHO-27-120P-E4 480V3P 120KW	NS	783	C	$22922.00

NWHO CIRCULATION HEATERS 612

STEEL ELEMENTS 15 WATTS/SQ. IN, NWHOR-45 REGULAR OIL

011607	NWHOR-45-090P-E1 480V3P 90KW	NS	830	C	$25751.00
023595	NWHOR-45-090P-E2 480V3P 90KW	NS	850	C	$27546.00
023640	NWHOR-45-090P-E4 480V3P 90KW	NS	850	C	$27137.00
086094	NWHOR-45-125P-E1 480V3P 125KW	NS	960	C	$30907.00
023608	NWHOR-45-125P-E2 480V3P 125KW	NS	980	C	$32702.00
023659	NWHOR-45-125P-E4 480V3P 125KW	NS	980	C	$32293.00
086115	NWHOR-45-150P-E1 480V3P 150KW	NS	000	C	$35179.00
023616	NWHOR-45-150P-E2 480V3P 150KW	NS	980	C	$36974.00
023667	NWHOR-45-150P-E4 480V3P 150KW	NS	980	C	$36565.00
086131	NWHOR-45-175P-E1 480V3P 175KW	NS	960	C	$39451.00
023624	NWHOR-45-175P-E2 480V3P 175KW	NS	980	C	$41247.00
023675	NWHOR-45-175P-E4 480V3P 175KW	NS	980	C	$40837.00
086158	NWHOR-45-200P-E1 480V3P 200KW	NS	960	C	$42692.00
023032	NWHOR-45-200P-E2 480V3P 200KW	NS	980	C	$44487.00
023683	NWHOR-45-200P-E4 480V3P 200KW	NS	980	C	$44078.00

SHO SUCTION OIL HEATERS 614

STEEL ELEMENTS 5 WATTS/SQ.IN, SHO-10 HEAVY OIL

086166	SHO-10-2730F1 240V3P 30KW	NS	800	C	$25700.00
086174	SHO-10-2730F1 480V3P 30KW	NS	800	C	$25700.00
086182	SHO-10-2735F1 240V3P 35KW	NS	865	C	$26750.00
086203	SHO-10-2740F1 240V3P 40KW	NS	945	C	$27950.00
086211	SHO-10-2740F1 480V3P 40KW	NS	945	C	$27950.00

SHO SPECIAL FEATURES, CONSULT FACTORY

GCHMT CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 15 WATTS/SQ. IN, W/ THERMOSTAT (RANGE 200-550°F), GCHMTIR-3 AIR,GAS,STEAM

023691	GCHMTIR-03-001P-E1 120V1P 1KW	NS	018	C	$2223.00
023894	GCHMTIR-03-001P-E4 120V1P 1KW	NS	023	C	$2443.00
023704	GCHMTIR-03-001P-E1 240V1P 1KW	NS	018	C	$2223.00
023907	GCHMTIR-03-001P-E4 240V1P 1KW	NS	023	C	$2443.00
023712	GCHMTIR-03-001P-E1 240V3P 1KW	NS	018	C	$2223.00
023915	GCHMTIR-03-001P-E4 240V3P 1KW	NS	023	C	$2443.00
023720	GCHMTIR-03-001P-E1 480V3P 1KW	NS	018	C	$2223.00
023923	GCHMTIR-03-001P-E4 480V3P 1KW	NS	023	C	$2443.00
023739	GCHMTIR-03-003P-E1 240V1P 3KW	NS	025	C	$2636.00
023931	GCHMTIR-03-003P-E4 240V1P 3KW	NS	030	C	$2856.00
023747	GCHMTIR-03-003P-E1 240V3P 3KW	NS	025	C	$2636.00
023940	GCHMTIR-03-003P-E4 240V3P 3KW	NS	030	C	$2856.00
023755	GCHMTIR-03-003P-E1 480V1P 3KW	NS	025	C	$2636.00
023958	GCHMTIR-03-003P-E4 480V1P 3KW	NS	030	C	$2856.00
023763	GCHMTIR-03-003P-E1 480V3P 3KW	NS	025	C	$2636.00
023966	GCHMTIR-03-003P-E4 480V3P 3KW	NS	030	C	$2856.00
023771	GCHMTIR-03-005P-E1 240V1P 5KW	NS	040	C	$3283.00
023974	GCHMTIR-03-005P-E4 240V1P 5KW	NS	045	C	$3503.00
023780	GCHMTIR-03-005P-E1 240V3P 5KW	NS	040	C	$3283.00
023982	GCHMTIR-03-005P-E4 240V3P 5KW	NS	045	C	$3503.00
023798	GCHMTIR-03-005P-E1 480V1P 5KW	NS	040	C	$3283.00
023990	GCHMTIR-03-005P-E4 480V1P 5KW	NS	045	C	$3503.00
023800	GCHMTIR-03-005P-E1 480V3P 5KW	NS	040	C	$3283.00
024002	GCHMTIR-03-005P-E4 480V3P 5KW	NS	045	C	$3503.00
023819	GCHMTIR-03-07P5-E1 240V1P7.5KW	NS	045	C	$3686.00
020010	GCHMTIR-03-07P5-E4 240V1P7.5KW	NS	050	C	$3906.00
023827	GCHMTIR-03-07P5-E1 240V3P7.5KW	NS	045	C	$3686.00
020028	GCHMTIR-03-07P5-E4 240V3P7.5KW	NS	050	C	$3906.00
023835	GCHMTIR-03-07P5-E1 480V1P7.5KW	NS	045	C	$3686.00
020036	GCHMTIR-03-07P5-E4 480V1P7.5KW	NS	050	C	$3906.00
023843	GCHMTIR-03-07P5-E1 480V3P7.5KW	NS	045	C	$3686.00
020044	GCHMTIR-03-07P5-E4 480V3P7.5KW	NS	050	C	$3906.00
023851	GCHMTIR-03-009P-E1 240V1P 9KW	NS	050	C	$4031.00
020052	GCHMTIR-03-009P-E4 240V1P 9KW	NS	055	C	$4251.00
023860	GCHMTIR-03-009P-E1 240V3P 9KW	NS	050	C	$4031.00
020060	GCHMTIR-03-009P-E4 240V3P 9KW	NS	055	C	$4251.00
023878	GCHMTIR-03-009P-E1 480V1P 9KW	NS	050	C	$4031.00
020079	GCHMTIR-03-009P-E4 480V1P 9KW	NS	055	C	$4251.00
023886	GCHMTIR-03-009P-E1 480V3P 9KW	NS	050	C	$4031.00
020087	GCHMTIR-03-009P-E4 480V3P 9KW	NS	055	C	$4251.00

GCHMT CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 23 WATTS/SQ. IN, W/ THERMOSTAT (RANGE 200-550 DEG F), GCHMTI-3 AIR,GAS,STEAM

024627	GCHMTI-03-001P-E1 120V1P 1KW	NS	015	C	$2215.00
024820	GCHMTI-03-001P-E4 120V1P 1KW	NS	020	C	$2435.00
024635	GCHMTI-03-001P-E1 240V1P 1KW	NS	015	C	$2215.00
024838	GCHMTI-03-001P-E4 240V1P 1KW	NS	020	C	$2435.00
024643	GCHMTI-03-001P-E1 240V3P 1KW	NS	015	C	$2215.00
024846	GCHMTI-03-001P-E4 240V3P 1KW	NS	020	C	$2435.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
024651	GCHMTI-03-001P-E1 480V3P 1KW	NS	015	C	$2215.00
024854	GCHMTI-03-001P-E4 480V3P 1KW	NS	020	C	$2435.00
024660	GCHMTI-03-003P-E1 240V1P 3KW	NS	022	C	$2575.00
024862	GCHMTI-03-003P-E4 240V1P 3KW	NS	027	C	$2795.00
024678	GCHMTI-03-003P-E1 240V3P 3KW	NS	022	C	$2575.00
024870	GCHMTI-03-003P-E4 240V3P 3KW	NS	027	C	$2795.00
024686	GCHMTI-03-003P-E1 480V1P 3KW	NS	022	C	$2575.00
024889	GCHMTI-03-003P-E4 480V1P 3KW	NS	027	C	$2795.00
024694	GCHMTI-03-003P-E1 480V3P 3KW	NS	022	C	$2575.00
024897	GCHMTI-03-003P-E4 480V3P 3KW	NS	027	C	$2795.00
024707	GCHMTI-03-005P-E1 240V1P 5KW	NS	025	C	$2645.00
024900	GCHMTI-03-005P-E4 240V1P 5KW	NS	030	C	$2865.00
024715	GCHMTI-03-005P-E1 240V3P 5KW	NS	025	C	$2645.00
024918	GCHMTI-03-005P-E4 240V3P 5KW	NS	030	C	$2865.00
024723	GCHMTI-03-005P-E1 480V1P 5KW	NS	025	C	$2645.00
024926	GCHMTI-03-005P-E4 480V1P 5KW	NS	030	C	$2865.00
024731	GCHMTI-03-005P-E1 480V3P 5KW	NS	025	C	$2645.00
024934	GCHMTI-03-005P-E4 480V3P 5KW	NS	030	C	$2865.00
024740	GCHMTI-03-07P5-E1 240V1P 7.5KW	NS	040	C	$3281.00
024942	GCHMTI-03-07P5-E4 240V1P 7.5KW	NS	045	C	$3501.00
024758	GCHMTI-03-07P5-E1 2403P 7.5KW	NS	040	C	$3281.00
024950	GCHMTI-03-07P5-E4 2403P 7.5KW	NS	045	C	$3501.00
024766	GCHMTI-03-07P5-E1 480V1P 7.5KW	NS	040	C	$3281.00
024969	GCHMTI-03-07P5-E4 480V1P 7.5KW	NS	045	C	$3501.00
024774	GCHMTI-03-07P5-E1 480V3P 7.5KW	NS	040	C	$3281.00
024977	GCHMTI-03-07P5-E4 480V3P 7.5KW	NS	045	C	$3501.00
024782	GCHMTI-03-009P-E1 240V1P 9KW	NS	040	C	$3363.00
024985	GCHMTI-03-009P-E4 240V1P 9KW	NS	045	C	$3583.00
024790	GCHMTI-03-009P-E1 240V3P 9KW	NS	040	C	$3363.00
024993	GCHMTI-03-009P-E4 240V3P 9KW	NS	045	C	$3583.00
024803	GCHMTI-03-009P-E1 480V1P 9KW	NS	040	C	$3363.00
025005	GCHMTI-03-009P-E4 480V1P 9KW	NS	045	C	$3583.00
024811	GCHMTI-03-009P-E1 480V3P 9KW	NS	040	C	$3363.00
025013	GCHMTI-03-009P-E4 480V3P 9KW	NS	045	C	$3583.00

GCH CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 23 WATTS/SQ.IN, GCHI-3 AIR, GAS, STEAM

013240	GCHI-03-003P-E1 240V1P 3KW	NS	062	C	$2739.00
013485	GCHI-03-003P-E2 240V1P 3KW	NS	065	C	$2959.00
013805	GCHI-03-003P-E4 240V1P 3KW	NS	065	C	$2959.00
103915	GCHI-03-003P-E1 240V3P 3KW	NS	062	C	$2739.00
013493	GCHI-03-003P-E2 240V3P 3KW	NS	065	C	$2959.00
013813	GCHI-03-003P-E4 240V3P 3KW	NS	065	C	$2959.00
013258	GCHI-03-003P-E1 480V1P 3KW	NS	062	C	$2739.00
013506	GCHI-03-003P-E2 480V1P 3KW	NS	065	C	$2959.00
013821	GCHI-03-003P-E4 480V1P 3KW	NS	065	C	$2959.00
103958	GCHI-03-003P-E1 480V3P 3KW	NS	062	C	$2739.00
013514	GCHI-03-003P-E2 480V3P 3KW	NS	065	C	$2959.00
013830	GCHI-03-003P-E4 480V3P 3KW	NS	065	C	$2959.00
013266	GCHI-03-04P5-E1 240V1P 4.5KW	NS	072	C	$3057.00
013522	GCHI-03-04P5-E2 240V1P 4.5KW	NS	075	C	$3277.00
013848	GCHI-03-04P5-E4 240V1P 4.5KW	NS	075	C	$3277.00
104070	GCHI-03-04P5-E1 240V3P 4.5KW	NS	072	C	$3057.00
013530	GCHI-03-04P5-E2 240V3P 4.5KW	NS	075	C	$3277.00
013856	GCHI-03-04P5-E4 240V3P 4.5KW	NS	075	C	$3277.00
013274	GCHI-03-04P5-E1 480V1P 4.5KW	NS	072	C	$3057.00
013549	GCHI-03-04P5-E2 480V1P 4.5KW	NS	075	C	$3277.00
013864	GCHI-03-04P5-E4 480V1P 4.5KW	NS	075	C	$3277.00
104117	GCHI-03-04P5-E1 480V3P 4.5KW	NS	072	C	$3057.00
013557	GCHI-03-04P5-E2 480V3P 4.5KW	NS	075	C	$3277.00
013872	GCHI-03-04P5-E4 480V3P 4.5KW	NS	075	C	$3277.00
013282	GCHI-03-006P-E1 240V1P 6KW	NS	094	C	$3424.00
013565	GCHI-03-006P-E2 240V1P 6KW	NS	097	C	$3644.00
013880	GCHI-03-006P-E4 240V1P 6KW	NS	097	C	$3644.00
104230	GCHI-03-006P-E1 240V3P 6KW	NS	094	C	$3424.00
013573	GCHI-03-006P-E2 240V3P 6KW	NS	097	C	$3644.00
013899	GCHI-03-006P-E4 240V3P 6KW	NS	097	C	$3644.00
013290	GCHI-03-006P-E1 480V1P 6KW	NS	094	C	$3424.00
013581	GCHI-03-006P-E2 480V1P 6KW	NS	097	C	$3644.00
013901	GCHI-03-006P-E4 480V1P 6KW	NS	097	C	$3644.00
104272	GCHI-03-006P-E1 480V3P 6KW	NS	094	C	$3424.00
013590	GCHI-03-006P-E2 480V3P 6KW	NS	097	C	$3644.00
013910	GCHI-03-006P-E4 480V3P 6KW	NS	097	C	$3644.00

GCH CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 23 WATTS/SQ.IN, GCHI-6 AIR, GAS, STEAM

104715	GCHI-06-009P-E1 240V3P 9KW	NS	135	C	$4649.00
013610	GCHI-06-009P-E2 240V3P 9KW	NS	141	C	$5138.00
013936	GCHI-06-009P-E4 240V3P 9KW	NS	142	C	$5138.00
013320	GCHI-06-009P-E1 480V3P 9KW	NS	135	C	$4649.00
013637	GCHI-06-009P-E2 480V3P 9KW	NS	141	C	$5138.00
013952	GCHI-06-009P-E4 480V3P 9KW	NS	142	C	$5138.00
104870	GCHI-06-012P-E1 240V3P 12KW	NS	164	C	$5151.00
013653	GCHI-06-012P-E2 240V3P 12KW	NS	170	C	$5640.00
013979	GCHI-06-012P-E4 240V3P 12KW	NS	171	C	$5640.00
104598	GCHI-06-012P-E1 480V3P 12KW	NS	164	C	$5151.00
013670	GCHI-06-012P-E2 480V3P 12KW	NS	170	C	$5640.00
013995	GCHI-06-012P-E4 480V3P 12KW	NS	171	C	$5640.00
013362	GCHI-06-020P-E1 240V3P 20KW	NS	195	C	$6094.00
013696	GCHI-06-020P-E2 240V3P 20KW	NS	201	C	$6583.00
014015	GCHI-06-020P-E4 240V3P 20KW	NS	202	C	$6583.00
105478	GCHI-06-020P-E1 480V3P 20KW	NS	195	C	$6094.00
013717	GCHI-06-020P-E2 480V3P 20KW	NS	201	C	$6583.00
014031	GCHI-06-020P-E4 480V3P 20KW	NS	202	C	$6583.00
013389	GCHI-06-025P-E1 240V3P 25KW	NS	212	C	$7033.00
013725	GCHI-06-025P-E2 240V3P 25KW	NS	218	C	$7522.00
014040	GCHI-06-025P-E4 240V3P 25KW	NS	219	C	$7522.00
013418	GCHI-06-025P-E1 480V3P 25KW	NS	212	C	$7033.00
013750	GCHI-06-025P-E2 480V3P 25KW	NS	218	C	$7522.00
014074	GCHI-06-025P-E4 480V3P 25KW	NS	219	C	$7522.00
013434	GCHI-06-030P-E1 240V3P 30KW	NS	240	C	$7947.00
013776	GCHI-06-030P-E2 240V3P 30KW	NS	246	C	$8436.00
014090	GCHI-06-030P-E4 240V3P 30KW	NS	247	C	$8436.00
013450	GCHI-06-030P-E1 480V3P 30KW	NS	240	C	$7947.00
013792	GCHI-06-030P-E2 480V3P 30KW	NS	246	C	$8436.00
014111	GCHI-06-030P-E4 480V3P 30KW	NS	247	C	$8436.00

GCHB CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 20 WATTS/SQ.IN, GCHIB-18 AIR, GAS, STEAM

080768	GCHIB-18-030P-E1 240V3P 30KW	NS	350	C	$10628.00
020095	GCHIB-18-030P-E2 240V3P 30KW	NS	362	C	$11782.00
020159	GCHIB-18-030P-E4 240V3P 30KW	NS	362	C	$11519.00
080776	GCHIB-18-030P-E1 480V3P 30KW	NS	350	C	$10628.00
020108	GCHIB-18-030P-E2 480V3P 30KW	NS	362	C	$11782.00
020167	GCHIB-18-030P-E4 480V3P 30KW	NS	362	C	$11519.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
080784	GCHIB-18-040P-E1 240V3P 40KW	NS	420	C	$11832.00
020116	GCHIB-18-040P-E2 240V3P 40KW	NS	432	C	$12986.00
020175	GCHIB-18-040P-E4 240V3P 40KW	NS	432	C	$12723.00
080792	GCHIB-18-040P-E1 480V3P 40KW	NS	420	C	$11832.00
020124	GCHIB-18-040P-E2 480V3P 40KW	NS	432	C	$12986.00
020183	GCHIB-18-040P-E4 480V3P 40KW	NS	432	C	$12723.00
080805	GCHIB-18-050P-E1 240V3P 50KW	NS	480	C	$13118.00
020132	GCHIB-18-050P-E2 240V3P 50KW	NS	492	C	$14272.00
020191	GCHIB-18-050P-E4 240V3P 50KW	NS	492	C	$14009.00
080813	GCHIB-18-050P-E1 480V3P 50KW	NS	480	C	$13118.00
020140	GCHIB-18-050P-E2 480V3P 50KW	NS	492	C	$14272.00
020204	GCHIB-18-050P-E4 480V3P 50KW	NS	492	C	$14009.00

GCH CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 15 WATTS/SQ.IN, GCHI-27 AIR, GAS, STEAM

020212	GCHI-27-050P-E1 240V3P 50KW	NS	400	C	$16303.00
020319	GCHI-27-050P-E2 240V3P 50KW	NS	412	C	$17671.00
020415	GCHI-27-050P-E4 240V3P 50KW	NS	412	C	$17359.00
020220	GCHI-27-050P-E1 480V3P 50KW	NS	410	C	$16303.00
020327	GCHI-27-050P-E2 480V3P 50KW	NS	412	C	$17671.00
020423	GCHI-27-050P-E4 480V3P 50KW	NS	412	C	$17359.00
020239	GCHI-27-060P-E1 240V3P 60KW	NS	440	C	$18042.00
020335	GCHI-27-060P-E2 240V3P 60KW	NS	452	C	$19410.00
020431	GCHI-27-060P-E4 240V3P 60KW	NS	452	C	$19098.00
020247	GCHI-27-060P-E1 480V3P 60KW	NS	440	C	$18042.00
020343	GCHI-27-060P-E2 480V3P 60KW	NS	452	C	$19410.00
020440	GCHI-27-060P-E4 480V3P 60KW	NS	452	C	$19098.00
020255	GCHI-27-070P-E1 240V3P 70KW	NS	480	C	$19538.00
020351	GCHI-27-070P-E2 240V3P 70KW	NS	492	C	$20906.00
020458	GCHI-27-070P-E4 240V3P 70KW	NS	492	C	$20594.00
020263	GCHI-27-070P-E1 480V3P 70KW	NS	480	C	$19538.00
020360	GCHI-27-070P-E2 480V3P 70KW	NS	492	C	$20906.00
020466	GCHI-27-070P-E4 480V3P 70KW	NS	492	C	$20594.00
020271	GCHI-27-080P-E1 240V3P 80KW	NS	520	C	$22003.00
020378	GCHI-27-080P-E2 240V3P 80KW	NS	532	C	$23371.00
020474	GCHI-27-080P-E4 240V3P 80KW	NS	532	C	$23059.00
020280	GCHI-27-080P-E1 480V3P 80KW	NS	520	C	$22003.00
020386	GCHI-27-080P-E2 480V3P 80KW	NS	532	C	$23371.00
020482	GCHI-27-080P-E4 480V3P 80KW	NS	532	C	$23059.00
020298	GCHI-27-090P-E1 240V3P 90KW	NS	560	C	$24225.00
020394	GCHI-27-090P-E2 240V3P 90KW	NS	572	C	$25593.00
020490	GCHI-27-090P-E4 240V3P 90KW	NS	572	C	$25281.00
020300	GCHI-27-090P-E1 480V3P 90KW	NS	560	C	$24225.00
020407	GCHI-27-090P-E2 480V3P 90KW	NS	572	C	$25593.00
020503	GCHI-27-090P-E4 480V3P 90KW	NS	572	C	$25281.00

GCH CIRCULATION HEATERS 613

INCOLOY ELEMENTS, 15 WATTS/SQ.IN, GCHI-45,72,108 AIR, GAS, STEAM

086238	GCHI-45-075P-E1 480V3P 75KW	NS	835	C	$27186.00
020511	GCHI-45-075P-E2 480V3P 75KW	NS	855	C	$28981.00
020562	GCHI-45-075P-E4 480V3P 75KW	NS	855	C	$28572.00
086254	GCHI-45-090P-E1 480V3P 90KW	NS	925	C	$28980.00
020520	GCHI-45-090P-E2 480V3P 90KW	NS	945	C	$30775.00
020570	GCHI-45-090P-E4 480V3P 90KW	NS	945	C	$30366.00
086270	GCHI-45-125P-E1 480V3P 125KW	NS	945	C	$35231.00
020538	GCHI-45-125P-E2 480V3P 125KW	NS	945	C	$37026.00
020589	GCHI-45-125P-E4 480V3P 125KW	NS	945	C	$36617.00
086297	GCHI-45-150P-E1 480V3P 150KW	NS	945	C	$40285.00
020546	GCHI-45-150P-E2 480V3P 150KW	NS	945	C	$42081.00
020597	GCHI-45-150P-E4 480V3P 150KW	NS	945	C	$41671.00
086318	GCHI-45-175P-E1 480V3P 175KW	NS	945	C	$45340.00
020554	GCHI-45-175P-E2 480V3P 175KW	NS	945	C	$47135.00
020600	GCHI-45-175P-E4 480V3P 175KW	NS	945	C	$46726.00
086393	GCHI-72-200P-E1 480V3P 200KW	NS	945	C	$50583.00
020618	GCHI-72-200P-E2 480V3P 200KW	NS	945	C	$52592.00
020642	GCHI-72-200P-E4 480V3P 200KW	NS	945	C	$52134.00
086369	GCHI-72-225P-E1 480V3P 225KW	NS	945	C	$54832.00
020626	GCHI-72-225P-E2 480V3P 225KW	NS	945	C	$56841.00
020650	GCHI-72-225P-E4 480V3P 225KW	NS	945	C	$56383.00
086334	GCHI-72-250P-E1 480V3P 250KW	NS	945	C	$59080.00
020634	GCHI-72-250P-E2 480V3P 250KW	NS	945	C	$61089.00
020669	GCHI-72-250P-E4 480V3P 250KW	NS	945	C	$60631.00
086422	GCHI-108-300P-E1 480V3P 300KW	NS	945	C	$69974.00
020677	GCHI-108-300P-E2 480V3P 300KW	NS	945	C	$72111.00
020706	GCHI-108-300P-E4 480V3P 300KW	NS	945	C	$71624.00
086457	GCHI-108-325P-E1 480V3P 325KW	NS	945	C	$74025.00
020685	GCHI-108-325P-E2 480V3P 325KW	NS	945	C	$76163.00
020714	GCHI-108-325P-E4 480V3P 325KW	NS	945	C	$75675.00
086481	GCHI-108-350P-E1 480V3P 350KW	NS	945	C	$78077.00
020693	GCHI-108-350P-E2 480V3P 350KW	NS	945	C	$80215.00
020722	GCHI-108-350P-E4 480V3P 350KW	NS	945	C	$79727.00

NWHMTSS CIRCULATION HEATERS 615

ALL WETTED PARTS 304SS, 50 WATTS/SQ.IN, W/ INTEGRAL THERMOSTAT (RANGE 60-250°F), NWHMTSS-3 WATER HEATERS

020730	NWHMTSS-03-003P-E1 120V1P 3KW	NS	015	C	$3775.00
021020	NWHMTSS-03-003P-E2 120V1P 3KW	NS	020	C	$3995.00
020749	NWHMTSS-03-003P-E1 240V1P 3KW	NS	015	C	$3775.00
021039	NWHMTSS-03-003P-E2 240V1P 3KW	NS	020	C	$3995.00
020757	NWHMTSS-03-003P-E1 240V3P 3KW	NS	015	C	$3775.00
021047	NWHMTSS-03-003P-E2 240V3P 3KW	NS	020	C	$3995.00
020765	NWHMTSS-03-003P-E1 480V1P 3KW	NS	015	C	$3775.00
021055	NWHMTSS-03-003P-E2 480V1P 3KW	NS	020	C	$3995.00
020773	NWHMTSS-03-003P-E1 480V3P 3KW	NS	015	C	$3775.00
021063	NWHMTSS-03-003P-E2 480V3P 3KW	NS	020	C	$3995.00
020781	NWHMTSS-0304P5-E1 240V1P 4.5KW	NS	015	C	$3781.00
021071	NWHMTSS-0304P5-E2 240V1P 4.5KW	NS	020	C	$4001.00
020790	NWHMTSS-0304P5-E1 240V3P 4.5KW	NS	015	C	$3781.00
021080	NWHMTSS-0304P5-E2 240V3P 4.5KW	NS	020	C	$4001.00
020802	NWHMTSS-0304P5-E1 480V1P 4.5KW	NS	015	C	$3781.00
021098	NWHMTSS-0304P5-E2 480V1P 4.5KW	NS	020	C	$4001.00
020810	NWHMTSS-0304P5-E1 480V3P 4.5KW	NS	015	C	$3781.00
021100	NWHMTSS-0304P5-E2 480V3P 4.5KW	NS	020	C	$4001.00
020829	NWHMTSS-03-006P-E1 240V1P 6KW	NS	022	C	$4968.00
021119	NWHMTSS-03-006P-E2 240V1P 6KW	NS	027	C	$5188.00
020837	NWHMTSS-03-006P-E1 240V3P 6KW	NS	022	C	$4968.00
021127	NWHMTSS-03-006P-E2 240V3P 6KW	NS	027	C	$5188.00
020845	NWHMTSS-03-006P-E1 480V1P 6KW	NS	022	C	$4968.00
021135	NWHMTSS-03-006P-E2 480V1P 6KW	NS	027	C	$5188.00
020853	NWHMTSS-03-006P-E1 480V3P 6KW	NS	022	C	$4968.00
021143	NWHMTSS-03-006P-E2 480V3P 6KW	NS	022	C	$5188.00
020861	NWHMTSS-03-009P-E1 240V1P 9KW	NS	022	C	$5050.00
021151	NWHMTSS-03-009P-E2 240V1P 9KW	NS	027	C	$5270.00
020870	NWHMTSS-03-009P-E1 240V3P 9KW	NS	022	C	$5050.00
021160	NWHMTSS-03-009P-E2 240V3P 9KW	NS	027	C	$5270.00
020888	NWHMTSS-03-009P-E1 480V1P 9KW	NS	022	C	$5050.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
021178	NWHMTSS-03-009P-E2 480V1P 9KW	NS	027	C	$5270.00
020896	NWHMTSS-03-009P-E1 480V3P 9KW	NS	022	C	$5050.00
021186	NWHMTSS-03-009P-E2 480V3P 9KW	NS	027	C	$5270.00
020909	NWHMTSS-03-012P-E1 240V1P 12KW	NS	040	C	$7034.00
021194	NWHMTSS-03-012P-E2 240V1P 12KW	NS	045	C	$7254.00
020917	NWHMTSS-03-012P-E1 240V3P 12KW	NS	040	C	$7034.00
021207	NWHMTSS-03-012P-E2 240V3P 12KW	NS	045	C	$7254.00
020925	NWHMTSS-03-012P-E1 480V1P 12KW	NS	040	C	$7034.00
021215	NWHMTSS-03-012P-E2 480V1P 12KW	NS	045	C	$7254.00
020933	NWHMTSS-03-012P-E1 480V3P 12KW	NS	040	C	$7034.00
021223	NWHMTSS-03-012P-E2 480V3P 12KW	NS	045	C	$7254.00
020941	NWHMTSS-03-015P-E1 240V1P 15KW	NS	040	C	$7137.00
021231	NWHMTSS-03-015P-E2 240V1P 15KW	NS	045	C	$7357.00
020950	NWHMTSS-03-015P-E1 240V3P 15KW	NS	040	C	$7137.00
021240	NWHMTSS-03-015P-E2 240V3P 15KW	NS	045	C	$7357.00
020968	NWHMTSS-03-015P-E1 480V1P 15KW	NS	040	C	$7137.00
021258	NWHMTSS-03-015P-E2 480V1P 15KW	NS	045	C	$7357.00
020976	NWHMTSS-03-015P-E1 480V3P 15KW	NS	040	C	$7137.00
021266	NWHMTSS-03-015P-E2 480V3P 15KW	NS	045	C	$7357.00
020989	NWHMTSS-03-018P-E1 240V1P 18KW	NS	040	C	$7240.00
021274	NWHMTSS-03-018P-E2 240V1P 18KW	NS	045	C	$7460.00
020992	NWHMTSS-03-018P-E1 240V3P 18KW	NS	040	C	$7240.00
021282	NWHMTSS-03-018P-E2 240V3P 18KW	NS	045	C	$7460.00
021004	NWHMTSS-03-018P-E1 480V1P 18KW	NS	040	C	$7240.00
021290	NWHMTSS-03-018P-E2 480V1P 18KW	NS	045	C	$7460.00
021012	NWHMTSS-03-018P-E1480V3P 18KW	NS	040	C	$7240.00
021303	NWHMTSS-03-018P-E2480V3P 18KW	NS	045	C	$7460.00

NWHIS CIRCULATION HEATERS 615

INCOLOY ELEMENTS, 45 WATTS/SQ.IN, STAINLESS STEEL BODY AND FLANGE, NWHIS-3, AND 6

012010	NWHIS-03-006P-E1 240V3P 6KW	NS	070	C	$5739.00
012423	NWHIS-03-006P-E2 240V3P 6KW	NS	073	C	$5959.00
012837	NWHIS-03-006P-E4 240V3P 6KW	NS	073	C	$5959.00
012028	NWHIS-03-006P-E1 480V3P 6KW	NS	070	C	$5739.00
012431	NWHIS-03-006P-E2 480V3P 6KW	NS	073	C	$5959.00
012845	NWHIS-03-006P-E4 480V3P 6KW	NS	073	C	$5959.00
012036	NWHIS-03-012P-E1 240V3P 12KW	NS	080	C	$7034.00
012440	NWHIS-03-012P-E2 240V3P 12KW	NS	083	C	$7254.00
012853	NWHIS-03-012P-E4 240V3P 12KW	NS	083	C	$7254.00
012044	NWHIS-03-012P-E1 480V3P 12KW	NS	080	C	$7034.00
012458	NWHIS-03-012P-E2 480V3P 12KW	NS	083	C	$7254.00
012861	NWHIS-03-012P-E4 480V3P 12KW	NS	083	C	$7254.00
012052	NWHIS-03-018P-E1 240V3P 18KW	NS	098	C	$8578.00
012466	NWHIS-03-018P-E2 240V3P 18KW	NS	101	C	$8798.00
012870	NWHIS-03-018P-E4 240V3P 18KW	NS	101	C	$8798.00
012060	NWHIS-03-018P-E1 480V3P 18KW	NS	098	C	$8578.00
012474	NWHIS-03-018P-E2 480V3P 18KW	NS	101	C	$8798.00
012888	NWHIS-03-018P-E4 480V3P 18KW	NS	101	C	$8798.00
012079	NWHIS-06-024P-E1 240V3P 24KW	NS	140	C	$11302.00
012482	NWHIS-06-024P-E2 240V3P 24KW	NS	146	C	$11791.00
012896	NWHIS-06-024P-E4 240V3P 24KW	NS	147	C	$11791.00
012087	NWHIS-06-024P-E1 480V3P 24KW	NS	140	C	$11302.00
012490	NWHIS-06-024P-E2 480V3P 24KW	NS	146	C	$11791.00
012909	NWHIS-06-024P-E4 480V3P 24KW	NS	147	C	$11791.00
012095	NWHIS-06-030P-E1 240V3P 30KW	NS	155	C	$12952.00
012503	NWHIS-06-030P-E2 240V3P 30KW	NS	161	C	$13441.00
012917	NWHIS-06-030P-E4 240V3P 30KW	NS	162	C	$13441.00
012108	NWHIS-06-030P-E1 480V3P 30KW	NS	155	C	$12952.00
012511	NWHIS-06-030P-E2 480V3P 30KW	NS	161	C	$13441.00
012925	NWHIS-06-030P-E4 480V3P 30KW	NS	162	C	$13441.00
012116	NWHIS-06-040P-E1 240V3P 40KW	NS	176	C	$15664.00
012520	NWHIS-06-040P-E2 240V3P 40KW	NS	182	C	$16153.00
012933	NWHIS-06-040P-E4 240V3P 40KW	NS	182	C	$16153.00
012124	NWHIS-06-040P-E1 480V3P 40KW	NS	176	C	$15664.00
012538	NWHIS-06-040P-E2 480V3P 40KW	NS	182	C	$16153.00
012941	NWHIS-06-040P-E4 480V3P 40KW	NS	182	C	$16153.00
012132	NWHIS-06-050P-E1 480V3P 50KW	NS	210	C	$18811.00
012546	NWHIS-06-050P-E2 480V3P 50KW	NS	216	C	$19300.00
012950	NWHIS-06-050P-E4 480V3P 50KW	NS	217	C	$19300.00

NWHIS CIRCULATION HEATERS 615

INCOLOY ELEMENTS, 45 WATTS/SQ.IN, NWHIS-18

021311	NWHIS-18-050P-E1 240V3P 50KW	NS	396	C	$18770.00
021450	NWHIS-18-050P-E2 240V3P 50KW	NS	408	C	$19924.00
021590	NWHIS-18-050P-E4 240V3P 50KW	NS	408	C	$19661.00
021320	NWHIS-18-050P-E1 480V3P 50KW	NS	396	C	$18770.00
021469	NWHIS-18-050P-E2 480V3P 50KW	NS	408	C	$19924.00
021602	NWHIS-18-050P-E4 480V3P 50KW	NS	408	C	$19661.00
021338	NWHIS-18-075P-E1 240V3P 75KW	NS	414	C	$22735.00
021477	NWHIS-18-075P-E2 240V3P 75KW	NS	426	C	$23890.00
021610	NWHIS-18-075P-E4 240V3P 75KW	NS	426	C	$23626.00
021346	NWHIS-18-075P-E1 480V3P 75KW	NS	419	C	$22735.00
021485	NWHIS-18-075P-E2 480V3P 75KW	NS	426	C	$23890.00
021629	NWHIS-18-075P-E4 480V3P 75KW	NS	426	C	$23626.00
021354	NWHIS-18-100P-E1 240V3P 100KW	NS	425	C	$26219.00
021493	NWHIS-18-100P-E2 240V3P 100KW	NS	437	C	$27374.00
021637	NWHIS-18-100P-E4 240V3P 100KW	NS	437	C	$27110.00
021362	NWHIS-18-100P-E1 480V3P 100KW	NS	425	C	$26219.00
021506	NWHIS-18-100P-E2 480V3P 100KW	NS	437	C	$27374.00
021695	NWHIS-18-100P-E4 480V3P 100KW	NS	437	C	$27110.00
021370	NWHIS-18-125P-E1 240V3P 125KW	NS	470	C	$29944.00
021514	NWHIS-18-125P-E2 240V3P 125KW	NS	482	C	$31098.00
021653	NWHIS-18-125P-E4 240V3P 125KW	NS	482	C	$30835.00
021389	NWHIS-18-125P-E1 480V3P 125KW	NS	470	C	$29944.00
021522	NWHIS-18-125P-E2 480V3P 125KW	NS	482	C	$31098.00
021661	NWHIS-18-125P-E4 480V3P 125KW	NS	482	C	$30835.00
021397	NWHIS-18-150P-E1 240V3P 150KW	NS	535	C	$34632.00
021530	NWHIS-18-150P-E2 240V3P 150KW	NS	547	C	$35786.00
021670	NWHIS-18-150P-E4 240V3P 150KW	NS	547	C	$35523.00
021400	NWHIS-18-150P-E1 480V3P 150KW	NS	535	C	$34632.00
021549	NWHIS-18-150P-E2 480V3P 150KW	NS	547	C	$35786.00
021688	NWHIS-18-150P-E4 480V3P 150KW	NS	547	C	$35523.00
021418	NWHIS-18-175P-E1 240V3P 175KW	NS	625	C	$39079.00
021557	NWHIS-18-175P-E2 240V3P 175KW	NS	637	C	$40234.00
021696	NWHIS-18-175P-E4 240V3P 175KW	NS	637	C	$39970.00
021426	NWHIS-18-175P-E1 480V3P 175KW	NS	625	C	$39079.00
021565	NWHIS-18-175P-E2 480V3P 175KW	NS	637	C	$40234.00
021709	NWHIS-18-175P-E4 480V3P 175KW	NS	637	C	$39970.00
021434	NWHIS-18-200P-E1 240V3P 200KW	NS	705	C	$44008.00
021573	NWHIS-18-200P-E2 240V3P 200KW	NS	717	C	$45162.00
021717	NWHIS-18-200P-E4 240V3P 200KW	NS	717	C	$44899.00
021442	NWHIS-18-200P-E1 480V3P 200KW	NS	705	C	$44008.00
021581	NWHIS-18-200P-E2 480V3P 200KW	NS	717	C	$45162.00
021723	NWHIS-18-200P-E4 480V3P 200KW	NS	717	C	$44899.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
	NWHOIS CIRCULATION HEATERS 615				
	INCOLOY ELEMENTS, 15 WATTS/SQ.IN, NWHOIS-3 AND 6				
012140	NWHOIS-03-002P-E1 240V3P 2KW	NS	070	C	$5135.00
012554	NWHOIS-03-002P-E2 240V3P 2KW	NS	073	C	$5355.00
012968	NWHOIS-03-002P-E4 240V3P 2KW	NS	073	C	$5355.00
012159	NWHOIS-03-002P-E1 480V3P 2KW	NS	070	C	$5135.00
012562	NWHOIS-03-002P-E2 480V3P 2KW	NS	073	C	$5355.00
012976	NWHOIS-03-002P-E4 480V3P 2KW	NS	073	C	$5355.00
012167	NWHOIS-03-004P-E1 240V3P 4KW	NS	080	C	$6353.00
012570	NWHOIS-03-004P-E2 240V3P 4KW	NS	083	C	$6573.00
012984	NWHOIS-03-004P-E4 240V3P 4KW	NS	083	C	$6573.00
012175	NWHOIS-03-004P-E1 480V3P 4KW	NS	080	C	$6353.00
012589	NWHOIS-03-004P-E2 480V3P 4KW	NS	083	C	$6573.00
012992	NWHOIS-03-004P-E4 480V3P 4KW	NS	083	C	$6573.00
012183	NWHOIS-03-006P-E1 240V3P 6KW	NS	094	C	$7835.00
012597	NWHOIS-03-006P-E2 240V3P 6KW	NS	097	C	$8055.00
013004	NWHOIS-03-006P-E4 240V3P 6KW	NS	097	C	$8055.00
012191	NWHOIS-03-006P-E1 480V3P 6KW	NS	094	C	$7835.00
012600	NWHOIS-03-006P-E2 480V3P 6KW	NS	097	C	$8055.00
013012	NWHOIS-03-006P-E4 480V3P 6KW	NS	097	C	$8055.00
	NWHOIS CIRCULATION HEATERS 615				
	INCOLOY ELEMENTS, 23 WATTS/SQ.IN, NWHOIS-6				
012204	NWHOISR-06-008P-E1240V3P 8KW	NS	140	C	$11230.00
012618	NWHOISR-06-008P-E2240V3P 8KW	NS	146	C	$11719.00
013020	NWHOISR-06-008P-E4240V3P 8KW	NS	147	C	$11719.00
012212	NWHOISR-06-008P-E1480V3P 8KW	NS	140	C	$11230.00
012626	NWHOISR-06-008P-E2480V3P 8KW	NS	146	C	$11719.00
013039	NWHOISR-06-008P-E4480V3P 8KW	NS	147	C	$11719.00
012220	NWHOISR-06-012P-E1240V3P 12KW	NS	176	C	$15538.00
012634	NWHOISR-06-012P-E2240V3P 12KW	NS	182	C	$16027.00
013047	NWHOISR-06-012P-E4240V3P 12KW	NS	183	C	$16027.00
012239	NWHOISR-06-012P-E1 480V3P 12KW	NS	176	C	$15538.00
012642	NWHOISR-06-012P-E2 480V3P 12KW	NS	182	C	$16027.00
013055	NWHOISR-06-012P-E4 480V3P 12KW	NS	183	C	$16027.00
012247	NWHOIS-06-025P-E1 240V3P 25KW	NS	176	C	$18698.00
012650	NWHOIS-06-025P-E2 240V3P 25KW	NS	182	C	$19187.00
013063	NWHOIS-06-025P-E4 240V3P 25KW	NS	183	C	$19187.00
012255	NWHOIS-06-025P-E1 480V3P 25KW	NS	176	C	$18698.00
012669	NWHOIS-06-025P-E2 480V3P 25KW	NS	182	C	$19187.00
013071	NWHOIS-06-025P-E4 480V3P 25KW	NS	183	C	$19187.00
012263	NWHOIS-06-030P-E1 240V3P 30KW	NS	240	C	$24410.00
012677	NWHOIS-06-030P-E2 240V3P 30KW	NS	246	C	$24899.00
013080	NWHOIS-06-030P-E4 240V3P 30KW	NS	247	C	$24899.00
012271	NWHOIS-06-030P-E1 480V3P 30KW	NS	240	C	$24410.00
012685	NWHOIS-06-030P-E2 480V3P 30KW	NS	246	C	$24899.00
013098	NWHOIS-06-030P-E4 480V3P 30KW	NS	247	C	$24899.00
	GCHIS CIRCULATION HEATERS 615				
	INCOLOY ELEMENTS, 15 WATTS/SQ.IN, GCHISR-3,AND 6				
012280	GCHISR-03-002P-E1 240V3P 2KW	NS	062	C	$5135.00
012693	GCHISR-03-002P-E2 240V3P 2KW	NS	065	C	$5355.00
013100	GCHISR-03-002P-E4 240V3P 2KW	NS	065	C	$5355.00
012298	GCHISR-03-002P-E1 480V3P 2KW	NS	062	C	$5135.00
012706	GCHISR-03-002P-E2 480V3P 2KW	NS	065	C	$5355.00
013119	GCHISR-03-002P-E4 480V3P 2KW	NS	065	C	$5355.00
012300	GCHISR-03-004P-E1 240V3P 4KW	NS	094	C	$7676.00
012714	GCHISR-03-004P-E2 240V3P 4KW	NS	097	C	$7896.00
013127	GCHISR-03-004P-E4 240V3P 4KW	NS	097	C	$7896.00
012319	GCHISR-03-004P-E1 480V3P 4KW	NS	094	C	$7676.00
012722	GCHISR-03-004P-E2 480V3P 4KW	NS	097	C	$7896.00
013135	GCHISR-03-004P-E4 480V3P 4KW	NS	097	C	$7896.00
012327	GCHISR-06-004P-E1 240V3P 4KW	NS	135	C	$10307.00
012730	GCHISR-06-004P-E2 240V3P 4KW	NS	141	C	$10796.00
013143	GCHISR-06-004P-E4 240V3P 4KW	NS	142	C	$10796.00
012335	GCHISR-06-004P-E1 480V3P 4KW	NS	135	C	$10307.00
012749	GCHISR-06-004P-E2 480V3P 4KW	NS	141	C	$10796.00
013151	GCHISR-06-004P-E4 480V3P 4KW	NS	142	C	$10796.00
012343	GCHISR-06-008P-E1 240V3P 8KW	NS	164	C	$12192.00
012757	GCHISR-06-008P-E2 240V3P 8KW	NS	170	C	$12681.00
013160	GCHISR-06-008P-E4 240V3P 8KW	NS	171	C	$12681.00
012351	GCHISR-06-008P-E1 480V3P 8KW	NS	164	C	$12192.00
012765	GCHISR-06-008P-E2 480V3P 8KW	NS	170	C	$12681.00
013178	GCHISR-06-008P-E4 480V3P 8KW	NS	171	C	$12681.00
012360	GCHISR-06-012P-E1 240V3P 12KW	NS	195	C	$14976.00
012773	GCHISR-06-012P-E2 240V3P 12KW	NS	201	C	$15465.00
013186	GCHISR-06-012P-E4 240V3P 12KW	NS	202	C	$15465.00
012378	GCHISR-06-012P-E1 480V3P 12KW	NS	195	C	$14976.00
012781	GCHISR-06-012P-E2 480V3P 12KW	NS	201	C	$15465.00
013194	GCHISR-06-012P-E4 480V3P 12KW	NS	202	C	$15465.00
021733	GCHISR-06-015P-E1 240V3P 15KW	NS	215	C	$18029.00
021776	GCHISR-06-015P-E2 240V3P 15KW	NS	221	C	$18518.00
021813	GCHISR-06-015P-E4 240V3P 15KW	NS	222	C	$18518.00
021741	GCHISR-06-015P-E1 480V3P 15KW	NS	215	C	$18029.00
021784	GCHISR-06-015P-E2 480V3P 15KW	NS	221	C	$18518.00
021821	GCHISR-06-015P-E4 480V3P 15KW	NS	222	C	$18518.00
021750	GCHISR-06-020P-E1 240V3P 20KW	NS	253	C	$21128.00
021792	GCHISR-06-020P-E2 240V3P 20KW	NS	260	C	$21617.00
021830	GCHISR-06-020P-E4 240V3P 20KW	NS	261	C	$21617.00
021768	GCHISR-06-020P-E1 480V3P 20KW	NS	253	C	$21128.00
021805	GCHISR-06-020P-E2 480V3P 20KW	NS	260	C	$21617.00
021848	GCHISR-06-020P-E4 480V3P 20KW	NS	261	C	$21617.00
	GCHIS CIRCULATION HEATERS 615				
	INCOLOY ELEMENTS, 23 WATTS/SQ.IN, GCHIS-6				
012386	GCHIS-06-025P-E1 240V3P 25KW	NS	195	C	$18136.00
012790	GCHIS-06-025P-E2 240V3P 25KW	NS	201	C	$18625.00
013207	GCHIS-06-025P-E4 240V3P 25KW	NS	202	C	$18625.00
012394	GCHIS-06-025P-E1 480V3P 25KW	NS	195	C	$18136.00
012802	GCHIS-06-025P-E2 480V3P 25KW	NS	201	C	$18625.00
013215	GCHIS-06-025P-E4 480V3P 25KW	NS	202	C	$18625.00
012407	GCHIS-06-030P-E1 240V3P 30KW	NS	240	C	$21173.00
012810	GCHIS-06-030P-E2 240V3P 30KW	NS	246	C	$21662.00
013223	GCHIS-06-030P-E4 240V3P 30KW	NS	247	C	$21662.00
012415	GCHIS-06-030P-E1 480V3P 30KW	NS	240	C	$21173.00
012829	GCHIS-06-030P-E2 480V3P 30KW	NS	246	C	$21662.00
013231	GCHIS-06-030P-E4 480V3P 30KW	NS	247	C	$21662.00
	GCHISB CIRCULATION HEATERS 615				
	INCOLOY ELEMENTS, 23WATTS/SQ.IN, GCHISB-18				
021856	GCHISB-18-030P-E1 240V3P 30KW	NS	340	C	$20678.00
021910	GCHISB-18-030P-E2 240V3P 30KW	NS	352	C	$21832.00
021979	GCHISB-18-030P-E4 240V3P 30KW	NS	352	C	$21569.00
021864	GCHISB-18-030P-E1 480V3P 30KW	NS	340	C	$20678.00
021928	GCHISB-18-030P-E2 480V3P 30KW	NS	352	C	$21832.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
021987	GCHISB-18-030P-E4 480V3P 30KW	NS	352	C	$21569.00
021872	GCHISB-18-040P-E1 240V3P 40KW	NS	410	C	$22770.00
021936	GCHISB-18-040P-E2 240V3P 40KW	NS	422	C	$23924.00
021995	GCHISB-18-040P-E4 240V3P 40KW	NS	422	C	$23661.00
021880	GCHISB-18-040P-E1 480V3P 40KW	NS	410	C	$22770.00
021944	GCHISB-18-040P-E2 480V3P 40KW	NS	422	C	$23924.00
022007	GCHISB-18-040P-E4 480V3P 40KW	NS	422	C	$23661.00
021899	GCHISB-18-050P-E1 240V3P 50KW	NS	480	C	$26186.00
021952	GCHISB-18-050P-E2 240V3P 50KW	NS	492	C	$27341.00
024010	GCHISB-18-050P-E4 240V3P 50KW	NS	492	C	$27077.00
021901	GCHISB-18-050P-E1 480V3P 50KW	NS	480	C	$26186.00
021960	GCHISB-18-050P-E2 480V3P 50KW	NS	492	C	$27341.00
024029	GCHISB-18-050P-E4 480V3P 50KW	NS	492	C	$27077.00

GCHIS CIRCULATION HEATERS 615

INCOLOY ELEMENTS, 20 WATTS/SQ. IN, GCHIS-27

024037	GCHIS-27-050P-E1 240V3P 50KW	NS	340	C	$30171.00
024133	GCHIS-27-050P-E2 240V3P 50KW	NS	352	C	$31539.00
024230	GCHIS-27-050P-E4 240V3P 50KW	NS	352	C	$31227.00
024045	GCHIS-27-050P-E1 480V3P 50KW	NS	340	C	$30171.00
024141	GCHIS-27-050P-E2 480V3P 50KW	NS	352	C	$31539.00
024248	GCHIS-27-050P-E4 480V3P 50KW	NS	352	C	$31227.00
024053	GCHIS-27-060P-E1 240V3P 60KW	NS	370	C	$34347.00
024150	GCHIS-27-060P-E2 240V3P 60KW	NS	382	C	$35715.00
024256	GCHIS-27-060P-E4 240V3P 60KW	NS	370	C	$35403.00
024061	GCHIS-27-060P-E1 240V3P 60KW	NS	382	C	$34347.00
024168	GCHIS-27-060P-E2 240V3P 60KW	NS	370	C	$35715.00
024264	GCHIS-27-060P-E4 240V3P 60KW	NS	382	C	$35403.00
024070	GCHIS-27-070P-E1 240V3P 70KW	NS	400	C	$38523.00
024176	GCHIS-27-070P-E2 240V3P 70KW	NS	412	C	$39891.00
024272	GCHIS-27-070P-E4 240V3P 70KW	NS	412	C	$39579.00
024088	GCHIS-27-070P-E1 480V3P 70KW	NS	400	C	$38523.00
024184	GCHIS-27-070P-E2 480V3P 70KW	NS	412	C	$39891.00
024280	GCHIS-27-070P-E4 480V3P 70KW	NS	412	C	$39579.00
024096	GCHIS-27-080P-E1 240V3P 80KW	NS	430	C	$43388.00
024192	GCHIS-27-080P-E2 240V3P 80KW	NS	442	C	$44756.00
024299	GCHIS-27-080P-E4 240V3P 80KW	NS	442	C	$44444.00
024109	GCHIS-27-080P-E1 480V3P 80KW	NS	430	C	$43388.00
024205	GCHIS-27-080P-E2 480V3P 80KW	NS	442	C	$44756.00
024301	GCHIS-27-080P-E4 480V3P 80KW	NS	442	C	$44444.00
024117	GCHIS-27-090P-E1 240V3P 90KW	NS	460	C	$47565.00
024213	GCHIS-27-090P-E2 240V3P 90KW	NS	472	C	$48933.00
024310	GCHIS-27-090P-E4 240V3P 90KW	NS	472	C	$48621.00
024125	GCHIS-27-090P-E1 480V3P 90KW	NS	460	C	$47565.00
024221	GCHIS-27-090P-E2 480V3P 90KW	NS	472	C	$48933.00
024328	GCHIS-27-090P-E4 480V3P 90KW	NS	472	C	$48621.00

GCHIS CIRCULATION HEATERS 615

INCOLOY ELEMENTS, 15 WATTS/SQ. IN, GCHIS-45

024336	GCHIS-45-090P-E1 480V3P 90KW	NS	925	C	$68884.00
024387	GCHIS-45-090P-E2 480V3P 90KW	NS	945	C	$70679.00
024432	GCHIS-45-090P-E4 480V3P 90KW	NS	945	C	$70270.00
024344	GCHIS-45-125P-E1 480V3P 125KW	NS	000	C	$84098.00
024395	GCHIS-45-125P-E2 480V3P 125KW	NS	000	C	$85893.00
024440	GCHIS-45-125P-E4 480V3P 125KW	NS	000	C	$85484.00
024352	GCHIS-45-150P-E1 480V3P 150KW	NS	000	C	$98116.00
024413	GCHIS-45-150P-E2 480V3P 150KW	NS	000	C	$99912.00
024459	GCHIS-45-150P-E4 480V3P 150KW	NS	000	C	$99502.00

PCN	DESCRIPTION	SS	WT	D	PRICE
024360	GCHIS-45-175P-E1 480V3P 175KW	NS	000	C	$112135.00
024416	GCHIS-45-175P-E2 480V3P 175KW	NS	000	C	$113930.00
024467	GCHIS-45-175P-E4 480V3P 175KW	NS	000	C	$113521.00
024379	GCHIS-45-200P-E1 480V3P 200KW	NS	000	C	$120639.00
024424	GCHIS-45-200P-E2 480V3P 200KW	NS	000	C	$122434.00
024475	GCHIS-45-200P-E4 480V3P 200KW	NS	000	C	$122025.00

GCHIS CIRCULATION HEATERS 615

INCOLOY ELEMENTS, 50 WATTS/SQ.IN, TYPE J THERMOCOUPLE IN OUTLET, TYPE K THERMOCOUPLE IN SHEATH, GCHCIS

024483	GCHCIS-01-0P50-E1 120V 1P 500W	NS	002	C	$2134.00
024555	GCHCIS-01-0P50-E2 120V 1P 500W	NS	003	C	$2354.00
024491	GCHCIS-01-0P50-E1 240V 1P 500W	NS	002	C	$2134.00
024563	GCHCIS-01-0P50-E2 240V 1P 500W	NS	003	C	$2354.00
024504	GCHCIS-01-001PE1 120V 1PH 1KW	ST	002	C	$2365.00
024571	GCHCIS-01-001PE2 120V 1PH 1KW	NS	003	C	$2585.00
024512	GCHCIS-01-001P-E1 240V 1PH 1KW	NS	002	C	$2365.00
024580	GCHCIS-01-001P-E2 240V 1PH 1KW	NS	003	C	$2585.00
024520	GCHCIS-01-002PE1 120V 1PH 2KW	NS	003	C	$2864.00
024598	GCHCIS-01-002PE2 120V 1PH 2KW	NS	004	C	$3084.00
024539	GCHCIS-01-002P-E1 240V 1PH 2KW	NS	003	C	$2864.00
024600	GCHCIS-01-002P-E2 240V 1PH 2KW	NS	004	C	$3084.00
024547	GCHCIS-01-003P-E1 240V 1PH 3KW	NS	003	C	$3393.00
024619	GCHCIS-01-003P-E2 240V 1PH 3KW	NS	004	C	$3613.00

SPECIAL FEATURES CIRCULATION HEATERS

Series 3	Series 6	Series 18	Series 27	Series 45
MOISTURE RESISTANT TERMINAL COVER				
$220.00	$489.00	$891.00	$1056.00	$1386.00
WEATHERPROOF INSULATION JACKET				
$407.00	$543.00	$733.00	$869.00	$1140.00
EXPLOSION RESISTANT TERMINAL COVER				
$220.00	$489.00	$1154.00	$1368.00	$1796.00
FLEXITALLIC GASKET-150 LB.				
$35.00	$59.00	$94.00	$118.00	$165.00
FLEXITALLIC GASKET-300 LB.				
$46.00	$77.00	$123.00	$153.00	$215.00
FLANGES ON INLET AND OUTLET-150 LB. (CARBON STEEL ONLY)				
$141.00	$188.00	$254.00	$304.00	$395.00
FLANGES ON INLET AND OUTLET-150 LB. (STAINLESS STEEL ONLY)				
$364.00	$819.00	$1569.00	$2750.00	$4925.00
FLANGES ON INLET AND OUTLET-300 LB. (CARBON STEEL ONLY)				
$212.00	$282.00	$381.00	$451.00	$592.00
FLANGES ON INLET AND OUTLET-300 LB. (STAINLESS STEEL ONLY)				
$543.00	$1223.00	$2342.00	$4105.00	$7351.00
300 LB. HEATER & VESSEL FLANGE (CARBON STEEL ONLY)				
$302.00	$679.00	$1301.00	$2281.00	$1084.00
300 LB. HEATER & VESSEL FLANGE (STAINLESS STEEL ONLY)				
$1358.00	$3057.00	$5855.00	$10263.00	$18377.00
HIGH TEMPERATURE BODY INSULATION				
$129.00	$172.00	$232.00	$275.00	$361.00
ASME-DESIGN AND CERTIFICATION(SECTION VIII)				
$692.00	$923.00	$1246.00	$1477.00	$1938.00
6 INCH STANDOFFS ON TERMINAL HOUSING				
$623.00	$901.00	$1774.00	$2423.00	$3723.00
BAFFLES				
$464.00	$618.00	$834.00	$989.00	$1298.00
PASSIVATION				
$506.00	$563.00	$642.00	$699.00	$813.00
MOUNTING SADDLES FOR HORIZONTAL MOUNT INSTALLATION				

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PCN	DESCRIPTION	SS	WT	D	PRICE

$555.00	$740.00	$999.00	$1184.00	$1554.00	

SKID MOUNTED SYSTEM - NEMA 12 - VERTICAL MOUNT (Note 1)

$2040.00	$2720.00	$3672.00	$4352.00	$5712.00

SKID MOUNTED SYSTEM - NEMA 12 - HORIZONTAL MOUNT (Note 1)

$2162.00	$2883.00	$3892.00	$4613.00	$6055.00

SKID MOUNTED SYSTEM - NEMA 4 - VERTICAL MOUNT (Note 1)

$2264.00	$3019.00	$4076.00	$4831.00	$6340.00

SKID MOUNTED SYSTEM - NEMA 4 - HORIZONTAL MOUNT (Note 1)

$2428.00	$3237.00	$4370.00	$5179.00	$6797.00

Note 1: For Skid Systems the above prices do not include the price of the circulation heater, thermocouples or control panel.

Note 2: Contact Factory for ASME Section I or IV requirements.

ADDITIONAL SPECIAL FEATURES

1. Over 480V (Series 2 thru 108) - special voltage charge, add to base list	5%
2. Factory Installed Process Control Thermocouple in outlet (Specify Type K or J)	
- Without Thermocouple Terminal Block Housing	$325
- With General Purpose T/C Housing	$396
- With Moisture Resistant T/C Housing	$540
- With Explosion Resistant T/C Housing	$628
3. Overtemperature Protection Thermocouple Welded to sheath (Specify Type K or J)	
- Without Thermocouple Terminal Block Housing	$325
- With Moisture Resistant T/C Housing	$540
- With Explosion Resistant T/C Housing	$628
4. AR Thermostat add to price of unit without thermostat or subtract from price of unit with thermostat:	
- Standard AR	$335
- Moisture Resistant AR	$603
- Explosion Resistant AR	$922
5. CRN Pressure Vessel plus add price of ASME D&C	$1050

SRM/E HEATING CABLE 846

WITH TINNED COPPER BRAID

PCN	DESCRIPTION	SS	WT	D	PRICE
388084	SRM/E 5-1C 5W/FT 120V	ST	100	A	$13.00
388113	SRM/E 5-2C 5W/FT 240V	ST	100	A	$13.50
388148	SRM/E 8-1C 8W/FT 120V	ST	100	A	$14.00
388172	SRM/E 8-2C 8W/FT 240V	ST	100	A	$15.00
388201	SRM/E 10-1C 10W/FT 120V	ST	100	A	$16.50
388236	SRM/E 10-2C 10W/FT 240V	ST	100	A	$17.00
388260	SRM/E 15-1C 15W/FT 120V	ST	100	A	$17.75
388308	SRM/E 15-2C 15W/FT 240V	ST	100	A	$19.00
388332	SRM/E 20-1C 20W/FT 120V	ST	100	A	$20.00
388367	SRM/E 20-2C 20W/FT 240V	ST	100	A	$21.00

WITH TINNED COPPER BRAID AND FEP OVERJACKET

PCN	DESCRIPTION	SS	WT	D	PRICE
388092	SRM/E 5-1CT 5W/FT 120V	ST	125	A	$15.75
388121	SRM/E 5-2CT 5W/FT 240V	ST	125	A	$16.25
388156	SRM/E 8-1CT 8W/FT 120V	ST	125	A	$16.75
388180	SRM/E 8-2CT 8W/FT 240V	ST	125	A	$17.00
388210	SRM/E 10-1CT 10W/FT 120V	ST	125	A	$18.75
388244	SRM/E 10-2CT 10W/FT 240V	ST	125	A	$19.25
388279	SRM/E 15-1CT 15W/FT 120V	ST	125	A	$20.25
388316	SRM/E 15-2CT 15W/FT 240V	ST	125	A	$21.50
388340	SRM/E 20-1CT 20W/FT 120V	ST	125	A	$22.75
388375	SRM/E 20-2CT 20W/FT 240V	ST	125	A	$24.00

HSRM SELF REGULATING MEDIUM TEMP CABLE FOR CLASS I, DIV 1 APPLICATIONS

PCN	DESCRIPTION	SS	WT	D	PRICE
382176	HSRM5-1CT 5W/FT 120V	ST	125	A	$23.50
382168	HSRM5-2CT 5W/FT 240V	ST	125	A	$24.00
382150	HSRM8-1CT 8W/FT 120V	ST	125	A	$24.75
382141	HSRM8-2CT 8W/FT 240V	ST	125	A	$25.50
382133	HSRM10-1CT 10W/FT 120V	ST	125	A	$25.75
382125	HSRM10-2CT 10W/FT 240V	ST	125	A	$26.75
382117	HSRM15-1CT 15W/FT 120V	ST	125	A	$27.25
382109	HSRM15-2CT 15W/FT 240V	ST	125	A	$28.75
382096	HSRM20-1CT 20W/FT 120V	ST	125	A	$29.75
382088	HSRM20-2CT 20W/FT 240V	ST	125	A	$30.25

SRP HEATING CABLE 846

WITH TINNED COPPER BRAID

PCN	DESCRIPTION	SS	WT	D	PRICE
387161	SRP 5-1C 5W/FT 120V	ST	053	A	$10.00
387217	SRP 5-2C 5W/ft 240V	ST	053	A	$10.50
387102	SRP 10-1C 10W/FT 120V	ST	053	A	$11.75
387170	SRP 10-2C 10 W/FT 240V	ST	053	A	$12.50
387065	SRP 15-1C 15 W/FT 120v	ST	053	A	$13.00
387110	SRP 15-2C 15 W/FT 240V	ST	053	A	$13.50

WITH TINNED COPPER BRAID AND FEP OVERJACKET

PCN	DESCRIPTION	SS	WT	D	PRICE
387188	SRP 5-1CT 5W/FT 120V	ST	053	A	$13.00
387225	SRP 5-2CT 5W/ft 240V	NS	053	A	$13.25
387129	SRP 10-1CT 10W/FT 120V	ST	053	A	$14.50
387196	SRP 10-2CT 10 W/FT 240V	ST	053	A	$14.75
387073	SRP 15-1CT 15 W/FT 120v	ST	053	A	$15.50
387137	SRP 15-2CT 15 W/FT 240V	ST	053	A	$16.00

SRL HEATING CABLE 845

WITH TINNED COPPER BRAID

PCN	DESCRIPTION	SS	WT	D	PRICE
382678	SRL 3-1C 3W/FT 120V	ST	053	A	$7.75
382686	SRL 3-2C 3W/FT 240V	ST	053	A	$8.00
382694	SRL 5-1C 5W/FT 120V	ST	053	A	$9.00
382707	SRL 5-2C 5W/FT 240V	ST	053	A	$9.25
382555	SRL 8-1C 8W/FT 120V	ST	053	A	$9.75
382563	SRL 8-2C 8W/FT 240V	ST	053	A	$10.25
382820	SRL 10-1C 10W/FT 120V	ST	053	A	$10.25
382838	SRL 10-2C 10W/FT 240V	ST	053	A	$11.00

WITH TINNED COPPER BRAID AND TPE OVERJACKET

PCN	DESCRIPTION	SS	WT	D	PRICE
382731	SRL 3-1CR 3W/FT 120V	ST	064	A	$9.25
382740	SRL 3-2CR 3W/FT 240V	ST	064	A	$9.50
382758	SRL 5-1CR 5W/FT 120V	ST	064	A	$10.25
382766	SRL 5-2CR 5W/FT 240V	ST	064	A	$10.75
382598	SRL 8-1CR 8W/FT 120V	ST	064	A	$11.50
382600	SRL 8-2CR 8W/FT 240V	ST	064	A	$12.00
382846	SRL 10-1CR 10W/FT 120V	ST	064	A	$12.25
382854	SRL 10-2CR 10W/FT 240V	ST	064	A	$13.00

WITH TINNED COPPER BRAID AND FEP OVERJACKET

PCN	DESCRIPTION	SS	WT	D	PRICE
383400	SRL 3-1CT 3W/FT 120V	ST	066	A	$11.25
383419	SRL 3-2CT 3W/FT 240V	ST	066	A	$11.75
383443	SRL 5-1CT 5W/FT 120V	ST	066	A	$12.50
383451	SRL 5-2CT 5W/FT 240V	ST	066	A	$12.75
383460	SRL 8-1CT 8W/FT 120V	ST	066	A	$13.25
383478	SRL 8-2CT 8W/FT 240V	ST	066	A	$13.50
383486	SRL 10-1CT 10W/FT 120V	ST	066	A	$13.75
383494	SRL 10-2CT 10W/FT 240V	ST	066	A	$14.25

HSRL SELF REGULATING LOW TEMP CABLE FOR CLASS I, DIV 1 APPLICATIONS

PCN	DESCRIPTION	SS	WT	D	PRICE
382070	HSRL3-1CT 3W/FT 120V	ST	100	A	$17.25
382061	HSRL3-2CT 3W/FT 240V	ST	100	A	$18.00
382053	HSRL5-1CT 5W/FT 120V	ST	100	A	$19.25
382045	HSRL5-2CT 5W/FT 240V	ST	100	A	$19.75

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PCN	DESCRIPTION	SS	WT	D	PRICE
382037	HSRL8-1CT 8W/FT 120V	ST	100	A	$20.25
382029	HSRL8-2CT 8W/FT 240V	ST	100	A	$20.75
382010	HSRL10-1CT 10W/FT 120V	ST	100	A	$21.25
382022	HSRL10-2CT 10W/FT 240V	ST	100	A	$22.00

SRF HEATING CABLE 845

PCN	DESCRIPTION	SS	WT	D	PRICE
WITH TINNED COPPER BRAID					
386943	SRF 3-1C 3W/FT 120V	ST	053	A	$5.25
386951	SRF 3-2C 3W/FT 240V	ST	053	A	$5.50
386960	SRF 5-1C 5W/FT 120V	ST	053	A	$6.00
386978	SRF 5-2C 5W/FT 240V	ST	053	A	$6.00
386986	SRF 8-1C 8W/FT 120V	ST	053	A	$6.50
386994	SRF 8-2C 8W/FT 240V	ST	053	A	$6.75
WITH TINNED COPPER BRAID AND TPE OVERJACKET					
386100	SRF 3-1CR 3W/FT 120V	ST	064	A	$7.00
386118	SRF 3-2CR 3W/FT 240V	ST	064	A	$7.25
386142	SRF 5-1CR 5W/FT 120V	ST	064	A	$7.75
386150	SRF 5-2CR 5W/FT 240V	ST	064	A	$8.00
386062	SRF 8-1CR 8W/FT 120V	ST	064	A	$8.50
386070	SRF 8-2CR 8W/FT 240V	ST	064	A	$8.75
SRF-RG SELF REGULATING ROOF & GUTTER DE-ICING CABLE					
386329	SRF-1RG 120V	ST	060	A	$7.50
386337	SRF-2RG 240V	ST	060	A	$8.00
392331	SRF-1RGT 120V	ST	060	A	$8.00
392340	SRF-2RGT 240V	ST	060	A	$8.75

HWM HEATING CABLE 846

PCN	DESCRIPTION	SS	WT	D	PRICE
HWM HOT WATER MAINTENANCE CABLE					
387305	HWM 5-1CT	ST	060	A	$7.75
387348	HWM 5-2CT	NS	060	A	$8.00
387250	HWM 10-1CT	ST	060	A	$10.00
387313	HWM 10-2CT	ST	060	A	$10.25

SLL HEATING CABLE 846

PCN	DESCRIPTION	SS	WT	D	PRICE
WITH TINNED COPPER BRAID AND FEP OVERJACKET					
384972	SLL 10-CT	ST	100	A	$20.75
384964	SLL 18-CT	ST	100	A	$19.25
384956	SLL 28-CT	ST	100	A	$17.00
384948	SLL 45-CT	ST	100	A	$15.00

CWM HEATING CABLE 842

PCN	DESCRIPTION	SS	WT	D	PRICE
CMW CONSTANT WATTAGE CABLE					
392040	CWM-4-1C 4W/FT 120V	ST	096	A	$10.00
392059	CWM-4-2C 4W/FT 240V	ST	096	A	$10.00
392139	CWM 8-1C 8W/FT 120V	ST	096	A	$10.00
392147	CWM 8-2C 8W/FT 240V	ST	096	A	$10.00
392227	CWM 12-1C 12W/FT 120V	ST	096	A	$10.00
392235	CWM 12-2C 12W/FT 240V	ST	096	A	$10.00
WITH TINNED COPPER BRAID AND FEP OVERJACKET					
392075	CWM 4-1CT 4W/FT 120V	ST	110	A	$12.25
392083	CWM 4-2CT 4W/FT 240V	ST	110	A	$12.25
392163	CWM 8-1CT 8W/FT 120V	ST	110	A	$12.25
392171	CWM 8-2CT 8W/FT 240V	ST	110	A	$12.25
392251	CWM 12-1CT 12W/FT 120V	ST	110	A	$12.25
392260	CWM 12-2CT 12W/FT 240V	ST	110	A	$12.25

NOTES ON SELF-REGULATING AND CONSTANT WATTAGE RAPID-TRACE HEATING CABLE

PCN	DESCRIPTION	SS	WT	D	PRICE

1. Price by foot - SRF, SRM, SRM/E, SRL, CWM, HSRL, HSRM, SLL cable is priced by the foot, not by the reel. The unit of measure for a given PCN is one foot.

2. Cable lengths - Maximum spool lengths SRL,HSRL,SRF, CWM cable = 1000 feet. Maximum spool lengths SRM/E, HSRM/E, SLL cable = 1000 feet

3. Shipping policy - Specify spool length on order up to max length per spool. If no spool length specified - orders up to 1000 feet may contain up to 3 lengths - no length shorter than 100 feet at our option. Tolerance on each length = -0/+15%

4. Weights - Heating cable weight is in pounds per 1,000 feet. Accessories weight is in pounds per kit.

5. Non-Stock items - minimum order 2,000 feet

HEATING CABLE ACCESSORIES 847

PCN	DESCRIPTION	SS	WT	D	PRICE
EL SERIES INSTALLATION KITS					
383558	RT-RST SPLICE/TEE (LO TEMP)	ST	001	A	$45.50
383566	RT-TST SPLICE/TEE (HI TEMP)	ST	001	A	$137.00
383574	RT-RES END SEAL (LO TEMP)	ST	001	A	$20.00
383582	RT-TES END SEAL (HI TEMP)	NS	001	A	$45.50
393609	SPA - SMALL PIPE ADAPTER KIT	ST	001	A	$9.50
393676	PJB (RAIN TIGHT JUNCTION BOX 3/4" CONDUIT HOLE)	ST	001	A	$57.00
ATTACHMENT ACCESSORIES & TOOLS					
385650	CCH-2 CONDUIT HUB W/GRND LUG	ST	001	A	$32.25
385780	MP-1 MOUNTING PLATE	ST	001	A	$20.50
382352	PS-1 PIPE STRAP	ST	001	A	$6.00
382360	PS-3 PIPE STRAP	ST	001	A	$6.25
382379	PS-10 PIPE STRAP	ST	001	A	$8.50
383355	AT-1 ALUMINIUM FOIL TAPE	ST	001	A	$69.00
389941	FT-3 FIBERGLASS TAPE	ST	001	A	$19.50
382424	CL-1 CAUTION LABELS	ST	001	A	$7.25
393510	CABLE STRIPPING TOOL w/ 16 AWG BLADE SET	ST	001	A	$287.00
393537	16 AWG REPLACEMENT BLADE SET	ST	001	A	$179.00
393545	20 AWG REPLACEMENT BLADE SET	ST	001	A	$179.00
ROOF & GUTTER/SNOW MELT ACCESSORIES					
394206	WSMM-D-1000-240, 50W/sqft, 240V, 1500W	ST	007	A	$647.00
394214	WSMM-D-2000-240, 50W/sqft, 240V, 2000W	ST	011	A	$739.00
394222	WSMM-D-2500-240, 50W/sqft, 240V, 2500W	ST	012	A	$850.00
394230	WSMM-D-5000-240, 50W/sqft, 240V, 5000W	ST	023	A	$1480.00
394249	WSMM-D-6000-240, 50W/sqft, 240V, 6000W	ST	027	A	$1628.00
394134	ASE-DS2 RAIN/SNOW SENSOR CONTROLLER	ST	002	A	$911.00
394142	ASE-DS5 RAIN/SNOW SENSOR CONTROLLER	ST	002	A	$1213.00
394150	USET02-4550 THERMOSTAT	ST	002	A	$1261.00
394169	US92023 MOUNTING BOX FOR USET02-4550	ST	007	A	$671.00
390029	GF PRO 208-277V	ST	001	A	$1068.00
390010	PD PRO 120V (PILOT DUTY 208-277V)	ST	005	A	$961.00
389749	CIT-1 AERIAL SNOW SENSOR	ST	001	A	$836.00
389757	GIT-1 GUTTER DE-ICE SENSOR	ST	001	A	$587.00
389765	SIT-6E PAVEMENT MOUNTED SNOW SENSOR	ST	001	A	$1834.00
389773	RCU-3 REMOTE CONTROL UNIT	NS	001	A	$444.00
389909	RCU-4 REMOTE CONTROL UNIT	NS	002	A	$444.00
389730	EUR-5 SNOW RELAY	NS	005	A	$2493.00
389781	LCD-1(UL) SNOW SWITCH	ST	005	A	$498.00
389790	LCD-1(CSA) SNOW SWITCH	NS	005	A	$760.00
389829	APS-3C(208V-240V) CONTROL PANEL	ST	005	A	$2404.00
389837	APS-3C(120V) CONTROL PANEL	NS	005	A	$2404.00
389845	APS-4C(277V 1P) CONTROL PANEL	ST	005	A	$2636.00
389853	APS-4C(208V-240V/120V 3P) CONTROL PANEL	ST	005	A	$2636.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
389861	APS-4C(480V/277V 3P) CONTROL PANEL	ST	005	A	$2636.00
389870	SC-40C(277V 1P) SATELLITE CONTACTOR	NS	001	A	$2315.00
389888	SC-40C(208V-240V/120V 3P)SATELLITE CONTACTOR	ST	001	A	$2315.00
389896	SC-40C(480V/277V 3P) SATELLITE CONTACTOR	ST	001	A	$2315.00
386206	RG-PK-1 POWER/END SEAL KIT	ST	001	A	$39.75
386214	RG-SK-1 SPLICE KIT	ST	001	A	$34.25
386257	RG-EK-1 END SEAL KIT	ST	001	A	$8.25
340179	RCK-1 ROOF CLIPS, 10 PER PKG	ST	001	A	$11.50
340160	RDK-1 DOWNSPOUT HANGER	ST	001	A	$11.50
390900	SNOW MELT SYSTEM MARKER	ST	025	A	$254.00
DL SERIES INSTALLATION KITS					
389554	RTPC POWER CONNECTION KIT	ST	004	A	$125.00
389562	RTST SPLICE AND TEE KIT	ST	004	A	$125.00
389570	RTES END SEAL KIT	ST	004	A	$22.75
389626	RTPC-SL1 POWER CONNECTION W/ 120V LED	ST	004	A	$205.00
389634	RTPC-SL2 POWER CONNECTION W/208-240V LED	ST	004	A	$205.00
389642	RTPC-SL3 POWER CONNECTION W/277V LED	ST	004	A	$205.00
389650	RTST-SL1 END SEAL W/120V LED	ST	004	A	$205.00
389669	RTST-SL2 END SEAL W/208-240V LED	ST	004	A	$205.00
389677	RTST-SL3 END SEAL W/277V LED	ST	004	A	$205.00
389589	RTAS AMBIENT SENSING THERMOSTAT	ST	004	A	$460.00
389597	RTAS-EP AMBIENT SENSING THERMOSTAT	ST	004	A	$586.00
389600	RTBC LINE SENSING THERMOSTAT	ST	004	A	$438.00
389618	RTBC-EP LINE SENSING THERMOSTAT	ST	004	A	$626.00
385000	GRS CAPILLARY/RTD GROMMET	ST	002	A	$7.00
385019	GR0 BLANK GROMMET	ST	002	A	$7.00
389714	GRSR SELF-REGULATING GROMMET	ST	002	A	$7.00
389722	GRCW CONSTANT WATTAGE GROMMET	ST	002	A	$7.00
U SERIES INSTLLATION KITS					
393553	UPC - POWER CONNECTION KIT	ST	002	A	$198.00
393561	UMC - MULTI ENTRY KIT	ST	002	A	$250.00
393570	UES - ABOVE INSULATION END SEAL KIT	ST	002	A	$46.50
393617	SSK - PIPE STAND OFF /COUPLER / GROMMET KIT	ST	002	A	$64.00
393588	USL - POWER CONN /END SEAL WITH LIGHT 120-277v	ST	002	A	$348.00
394257	UESL LED END SEAL KIT	ST	002	A	$218.00
394011	UBC - LINE SENSING THERMOSTAT	ST	002	A	$475.00
394038	UAS - AMBIENT SENSING THERMOSTAT	ST	002	A	$475.00
393609	SPA - SMALL PIPE ADAPTER KIT	ST	002	A	$9.50
CLASS I, DIV 1 INSTLLATION KITS					
382192	HL-PC POWER CONNECTION KIT	ST	004	A	$353.00
382205	HL-S SPLICE KIT	ST	004	A	$387.00
382213	HL-T TEE SPLICE KIT	ST	004	A	$484.00
382221	HL-ES END SEAL KIT	ST	004	A	$313.00
382238	SEALING COMPOUND	ST	002	A	$48.75
382248	3/4 INCH C1D1 SEAL FITTING	ST	002	A	$65.00
393684	D1SL -120V (SIGNAL LIGHT - USE W/HL-PC)	ST	001	A	$439.00
393692	D1SL -208-277V (SIGNAL LIGHT - USE W/HL-PC)	ST	001	A	$439.00

MI HEATING CABLE 841

MI CABLE ACCESSORIES

PCN	DESCRIPTION	SS	WT	D	PRICE
392286	HTC-30-1 1250F 1 GAL HEAT TRANSFER CEMENT	NS	002	A	$284.00
392294	HTC-30-5 1250F 5 GAL HEAT TRANSFER CEMENT	NS	002	A	$966.00
392307	JB-7-4 POWER CONNECTION KIT	ST	002	A	$284.00
392315	SSW-100	NS	002	A	$80.00
392323	SSPS-82 SPACER STRIP	ST	002	A	$285.00

SINGLE ALLOY CONDUCTOR-ALLOY 825 SHEATH, 600V RATED

Contact Factory for net price quote and availability. (615) 793-3900

TWO ALLOY CONDUCTORS-ALLOY 825 SHEATH, 300V RATED

Cable Reference	Nominal Cable Resistance at 25°C (ohms/ft)	Price Per Foot
556K	'0.043	$18.50
658K	'0.058	$18.50
674K	'0.074	$18.50
693K	'0.092	$18.50
712K	'0.117	$18.50
715K	'0.147	$18.50
721K	'0.213	$18.50
732K	'0.319	$18.50
742K	'0.416	$18.50
752K	'0.520	$18.50
766K	'0.660	$18.50
774K	'0.740	$18.50
783K	'0.830	$18.50
810K	'1.000	$18.50
813K	'1.300	$18.50
818K	'1.800	$18.50
824K	'2.340	$18.50
830K	'2.960	$18.50
838K	'3.700	$18.50
846K	'4.720	$18.50
860K	'5.600	$18.50
866K	'6.600	$18.50
894K	'9.000	$18.50
919K	'18.00	$18.50

TWO ALLOY CONDUCTORS-ALLOY 825 SHEATH, 600V RATED

Cable Reference	Nominal Cable Resistance at 25°C (ohms/ft)	Price Per Foot
588B	'0.007	$19.50
614B	'0.014	$19.50
627B	'0.027	$19.50
640B	'0.040	$19.50
670B	'0.065	$19.50
710B	'0.104	$19.50
715B	'0.162	$19.50
720B	'0.205	$19.50
732B	'0.325	$19.50
750B	'0.500	$19.50
774B	'0.735	$19.50
810B	'1.620	$19.50
819B	'1.870	$19.50
830B	'2.970	$19.50
840B	'4.300	$19.50
859B	'5.980	$19.50

Additional Features

1. Assembly Charges for designs

A	E
$275.00	$450.00
XA	XE
$425.00	$600.00

2. Form A = single end with end seal - 4 foot alloy 825 cold lead with 1/2 inch NPT fitting and 12 inch pigtails

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PCN DESCRIPTION SS WT D PRICE

3. Form E = double end with (2) - 4 foot alloy 825 cold lead with 1/2 inch NPT fitting and 12 inch pigtails

4. ADDITIONAL COLD LEAD CHARGES (Standard = 4 foot)

- Additional length - 14 AWG , ALLOY 825, 25 AMP Max Rated, Two conductor $20

- Additional length - Oversized Two Conductor Cold Lead, Copper Sheath, 40 AMP Max rated $30

5. Stainless steel pulling eye (each) $80

Note: PRICE CALCULATION - To obtain price for heating cable assemblies, add the price of the heating cable, plus the assembly charge, plus additional cold lead length (if any), plus special features (if any).

To obtain price for heating cable assemblies, add the price of the heating cable, plus the assembly charge, plus additional cold lead length (if any), plus special features (if any).

Example: A 774k 100FT 04FT 277V 1036W

Hot Section 100 FT x

"A" Form Assembly Charge

Total List Price

6. All MI Cable Assemblies are classified as "Non-Stock". Schedule A discount applies. Stat Code 841.

7. Shipments are made in approximately4- 6 weeks after receipt of order. Shipments are FOB point of shipment.

End of Section

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PCN	DESCRIPTION	SS	WT	D	PRICE
	THERMOSTAT KIT 731				
277819	AR-219-KIT-4 60-250F	ST	001	A	$240.00
277827	AR-519-KIT-4 200-550F	AS	001	A	$240.00
277835	AR-115-KIT-4 0-100F	ST	000	A	$240.00
	THERMOSTATS 731				
269966	AR-115 7FT THERMO 0-100 F	ST	003	A	$305.00
299639	AR-115A 2FT THERMO 0-100 F	ST	003	A	$305.00
277931	AR-115C 12FT THERMO 0-100 F	ST	003	A	$325.00
263038	AR-214 60-250 DEG. F	ST	003	A	$305.00
277940	AR-215 7FT THERMO 60-250 F	ST	003	A	$305.00
299655	AR-215A 2FT THERMO 60-250 F	ST	003	A	$305.00
263054	AR-219 7FT THERMO 60-250 F	ST	003	A	$305.00
299663	AR-219D 15FT THERMO 60-250 F	ST	003	A	$325.00
263046	AR-514 7FT THERMO 200-550 F	ST	003	A	$305.00
263062	AR-519 7FT THERMO 200-550 F	ST	003	A	$305.00
269640	AR-715 7FT THERMO 300-700 F	ST	003	A	$305.00
269659	AR-719 7FT THERMO 300-700 F	ST	003	A	$305.00
	THERMOSTATS WITH KNOB COVER				
272727	AR-115KC 7FT THERMO 0-100 F	ST	003	A	$325.00
273519	AR-115AKC 2FT THERMO 0-100 F	AS	003	A	$325.00
273527	AR-115CKC 12FT THERM 0-100 F	AS	003	A	$350.00
272735	AR-214KC 7FT THERMO 60-250 F	ST	003	A	$325.00
273543	AR-214DKC 15FT THERM 60-250 F	AS	003	A	$350.00
273551	AR-215KC 7FT THERMO 60-250 F	AS	003	A	$325.00
273594	AR-215AKC 2FT THERMO 60-250 F	AS	003	A	$325.00
272743	AR-219KC 7FT THERMO 60-250 F	AS	003	A	$325.00
272946	AR-219DKC 15FT THERM 60-250 F	AS	003	A	$350.00
272751	AR-514KC 7FT THERMO 200-550 F	AS	003	A	$325.00
272778	AR-519KC 7FT THERMO 200-550 F	AS	003	A	$325.00
273770	AR-715KC 7FT THERMO 300-700 F	AS	003	A	$325.00
273797	AR-719KC 7FT THERMO 300-700 F	AS	003	A	$325.00
	THERMOSTATS WITH PILOT LIGHT				
269974	AR-115P 7FT THERMO 0-100 F	ST	003	A	$325.00
273906	AR-115AP 2FT THERMO 0-100 F	AS	003	A	$325.00
273914	AR-115CP 12FT THERM 0-100 F	AS	003	A	$350.00
273922	AR-214DP 15FT THERM 60-250 F	AS	003	A	$350.00
273930	AR-215P 7FT THERM 60-250 F	ST	003	A	$325.00
273949	AR-215AP 2FT THERMO 60-250 F	AS	003	A	$325.00
265869	AR-214P 7FT THERMO 60-250 F	ST	003	A	$325.00
265877	AR-219P 7FT THERMO 60-250 F	ST	003	A	$325.00
273957	AR-219DP 15FT THERM 60-250 F	AS	003	A	$325.00
265885	AR-514P 7FT THERMO 200-550 F	ST	003	A	$325.00
265893	AR-519P 7FT THERMO 200-550 F	ST	003	A	$350.00
272081	AR-715P 7FT THERMO 300-700 F	AS	003	A	$325.00
269923	AR-719P 7FT THERMO 300-700 F	AS	003	A	$325.00
	THREE PHASE THERMOSTATS				
263097	AR-2153 7FT THERMO 60-250 F	ST	003	A	$385.00
265818	AR-2153P 7FT THERMO 60-250 F	AS	003	A	$420.00
	INVERSE ACTION THERMOSTATS				
272292	ARR-215 7FT THERMO 60-250 F	ST	003	A	$375.00
273842	ARR-215KC 7FT THERMO 60-250 F	AS	003	A	$400.00
	WEATHER-RESISTANT THERMOSTATS				
269990	AR-115LT 7FT THERMO 0-100 F	AS	005	A	$795.00
299700	AR-115ALT 2FT THERMO 0-100 F	AS	005	A	$795.00
299719	AR-115CLT 12FT THERM 0-100 F	AS	005	A	$825.00
269691	AR-214LT 7FT THERMO 60-250 F	AS	005	A	$795.00
299727	AR-214DLT 15FT THERM 60-250 F	AS	005	A	$825.00
293579	AR-514LT 7FT THERMO 200-550 F	AS	005	A	$795.00
293587	AR-519LT 7FT THERMO 200-550 F	AS	005	A	$795.00
299807	AR-715LT 7FT THERMO 300-700 F	AS	005	A	$795.00
	EP THERMOSTATS				
299428	AR-115EP 0 - 100 F	AS	005	A	$1320.00
227985	AR-115AEP 2FT THERM 0-100 F	AS	005	A	$1320.00
299444	AR-115CEP 12FT THERM 0-100 F	AS	005	A	$1370.00
299401	AR-214EP 7FT THERMO 60-250 F	NS	005	A	$1320.00
227977	AR-214DEP 15FT THERM 60-250 F	AS	005	A	$1370.00
299250	AR-215EP 7FT THERMO 60-250 F	AS	005	A	$1320.00
227969	AR-215AEP 2FT THERMO 60-250 F	AS	005	A	$1320.00
299399	AR-219EP 7FT THERMO 60-250 F	AS	005	A	$1320.00
227950	AR-219DEP 15FT THERM 60-250 F	AS	005	A	$1370.00
299436	AR-514EP 7FT THERMO 200-550 F	AS	005	A	$1320.00
299268	AR-519EP 7FT THERMO 200-550 F	AS	005	A	$1320.00
299452	AR-715EP 7FT THERMO 300-700 F	AS	005	A	$1320.00
299479	AR-719EP 7FT THERMO 300-700 F	AS	005	A	$1320.00
	THERMAL CUTOUTS				
278213	ARC-215 7FT CUTOUT 60-250 F	ST	003	A	$335.00
278221	ARC-219 7FT CUTOUT 60-250 F	ST	003	A	$335.00
278230	ARC-515 7FT CUTOUT 200-550F	ST	003	A	$335.00
278256	ARC-519 7FT CUTOUT 200-550 F	ST	003	A	$335.00
299612	ARC-715 7FT CUTOUT 300-700 F	ST	003	A	$335.00
	GNIT T'STAT CORROSIVE APPL.				
360946	GNIT-5,5'SENSOR	ST	000	A	$305.00
360954	GNIT-12,12'SENSOR	ST	000	A	$360.00
	PIT THERMOSTATS 733				
	RAIN TIGHT MODELS				
140610	PIT-15 THERMO 0-150 F	ST	003	A	$365.00
140628	PIT-25 THERMO 100-250 F	ST	003	A	$365.00
	EXPLOSION PROOF MODELS				
140943	PIT-15EP THERMO 0-150 F	ST	004	A	$825.00
140951	PIT-25EP THERMO 100-250 F	ST	004	A	$825.00
	ROOM THERMOSTAT 735				
263177	WR-80 THERMO 40-80 F	ST	002	A	$315.00
263185	WR-90 THERMO 20-90 F	ST	002	A	$315.00
266124	WR-80EP THERMO 40-90 F	ST	005	A	$720.00
308005	WTL-121 WALL THERMO	ST	000	A	$81.00
309999	WT-121 WALL THERMO 1 POLE	ST	000	A	$68.00
310009	WT-122 WALL THERMO 2 POLE	ST	000	A	$88.00
	ROOM THERMOSTAT 722				
	WEATHER-CORROSION PROOF MODEL				
223589	WCRT-100 THERMO 40-100 F	ST	001	A	$235.00
	SURFACE MOUNT T'STAT 737				
305293	30000-000 50 TO 300F	ST	000	A	$99.00
305314	30002-000 50 TO 600F	ST	000	A	$99.00
	NON INDICATING THERMOSTAT 737				
	CARTRIDGE TYPE				
265480	17000-0 NC -100 TO 400 F	ST	002	A	$265.00
227918	17021-0 NO -100 TO 400 F	NS	002	A	$265.00
265498	17002-0 NC -100 TO 600 F	ST	002	A	$330.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
227900	17023-0 NO -100 TO 600 F	NS	002	A	$330.00
265519	17052-0 NC -100 TO 600 F	NS	003	A	$360.00
COUPLING HEAD IMMERSION TYPE					
227870	18000-0 NC -100 TO 400 F	ST	005	A	$365.00
227862	18021-0 NO -100 TO 400 F	NS	005	A	$400.00
227854	18002-0 NC -100 TO 600 F	NS	005	A	$400.00
227846	18023-0 NO -100 TO 600 F	NS	005	A	$400.00
NEMA 7 CARTRIDGE TYPE T'STAT					
305250	80016-17000 100 TO 400 F OPENS	NS	000	C	$1350.00
305269	80016-17021 100-400F CLOSE	NS	000	C	$1350.00
305277	80016-47002 100-500F OPENS	NS	000	C	$1470.00
305285	80016-47023 100 TO 500 F CLOSE	NS	000	C	$1470.00
HEAT TRACE T'STAT 726					
DTS-HAZ - DIGITAL T'STAT, SOFT START					
387364	DTS-HAZ 30A 100-277V -40/104F UL/cUL C1D2	ST	000	C	$575.00
DIGITAL T'STAT ACCESSORIES					
318043	DTS WALL MOUNT KIT MP-2	ST	000	C	$40.00
308144	3CU-PALP-TW-16-50 RTD EXT WIRE 50FT	ST	000	A	$136.00
385650	CCH-2 CONDUIT HUB W/GRND, 3/4"	ST	001	A	$32.00
382352	PS-1 PIPE STRAP, 0.5"-0.75" PIPE	ST	001	A	$6.00
382360	PS-3 PIPE STRAP, 1.0"-3.5" PIPE	ST	001	A	$7.00
382379	PS-10 PIPE STRAP, 2.5"-9.0" PIPE	ST	001	A	$9.00
REMOTE BULB AND CAPILLARY					
305322	E100 HEAT TRACE CONTROL	ST	000	C	$380.00
384112	E121, NEMA 4X,7,9,ONE OUT	ST	000	C	$530.00
305349	E122 HEAT TRACE CONTROL	NS	000	C	$645.00
AMBIENT SENSING					
305365	B100 NEMA 4X	ST	000	C	$365.00
384104	B121, NEMA 4X,7,9	ST	000	C	$550.00
INDICATING THERMOSTATS 738					
BCT-800 SERIES 4 IN SCALE					
SINGLE SWITCH MODELS					
227010	BCT-800-4BS -40 TO 120 F	NS	004	A	$1470.00
227037	BCT-800-6BS 0 TO 250 F	NS	004	A	$1530.00
227045	BCT-800-7BS 0 TO 400 F	NS	004	A	$1470.00
227053	BCT-800-8BS 50 TO 650 F	NS	004	A	$1530.00
TEFLON COVERED BULB & CAP					
310463	BCT-800-6BS-TEF 0-250F 10'CAP.	ST	005	A	$1710.00
DUAL SWITCH MODELS					
227088	BCT-802-4BS -40 TO 120 F	NS	005	A	$1710.00
227109	BCT-802-6BS 0 TO 250 F	NS	005	A	$1710.00
227117	BCT-802-7BS 0 TO 400 F	NS	005	A	$1710.00
227125	BCT-802-8BS 50 TO 650 F	NS	005	A	$1710.00
DUAL SWITCH TEFLON COVERED					
227141	BCT-802-6BS-TEF 0 TO 250 F	NS	006	A	$2140.00
EXPLOSION PROOF MODELS					
SINGLE SWITCH MODELS					
227168	BCT-820E-4BS -40 TO 120F	NS	009	A	$2445.00
227184	BCT-820E-6BS 0 TO 250 F	NS	009	A	$2445.00
227192	BCT-820E-7BS 0 TO 400 F	NS	009	A	$2445.00
227205	BCT-820E-8BS 50 TO 650 F	NS	009	A	$2445.00
TEFLON COVERED BULB & CAP					
DUAL SWITCH MODELS					
227248	BCT-822E-4BS -40 TO 120 F	NS	009	A	$2690.00
227264	BCT-822E-6BS 0 TO 250 F	NS	009	A	$2445.00
227272	BCT-822E-7BS 0 TO 400 F	NS	009	A	$2690.00
227280	BCT-822E-8BS 50 TO 650 F	NS	009	A	$2690.00
TEFLON COVERED BULB & CAP					
227301	BCT-822E-6BS-TEF 0 TO 250 F	NS	010	A	$3170.00
ACCESSORIES FOR CONTROLS 739					
PROTECTIVE WELLS					
265981	CPWS-12 12 IN STEEL WELL	ST	002	A	$81.00
265990	CPWS-24 24 IN STEEL WELL	ST	003	A	$88.00
266001	CPWS-36 36 IN STEEL WELL	AS	003	A	$94.00
266044	CPWM-12 12 IN MONEL WELL	AS	002	A	$165.00
266010	CPWSS-12 12 IN S STL WELL	ST	002	A	$165.00
266028	CPWSS-24 24 IN S STL WELL	ST	002	A	$200.00
266036	CPWSS-36 36 IN S STL WELL	NS	006	A	$240.00
269958	CPWQ-18 18 IN QUARTZWELL	ST	003	A	$350.00
FOR PIT'S					
269624	CPWC-1 3/8DIACOPPERWELL	ST	001	A	$75.00
269632	CPWC-2 7/16DIACOPPERWELL	NS	001	A	$75.00
COMPRESSION FITTINGS 739					
266351	CCF-25D 3/8-18 SS	ST	001	A	$94.00
266360	CCF-25E 1/2-14 300 SS	ST	001	A	$210.00
LOW WATER CUTOUT 751					
269501	WC-120 120V 100W	ST	003	A	$340.00
269510	WC-240 240V 200W	NS	003	A	$355.00
269528	WCS-120 120V 100W	ST	003	A	$455.00
269536	WCS-240 240V 200W	NS	003	A	$455.00
WEATHER/EXPLOSION RESISTANT					
269544	WC-120E2 120V 100W	AS	005	A	$680.00
269552	WC-240E2 240V 200W	AS	005	A	$680.00
269560	WCS-120E2 120V 100W	NS	005	A	$745.00
269579	WCS-240E2 240V 200W	AS	005	A	$745.00
INFINITE SWITCH 754					
266386	CH-152 120V CHROMATROL	ST	000	A	$75.00
266394	CH-252 240V CHROMATROL	ST	000	A	$75.00
HEAVY DUTY CONTACTORS 757					
CONTACTOR ONLY					
305390	CONT-04000 (8640-70002)CONTACT	ST	000	A	$125.00
305402	CONT-07500 (8640-70003)CONTACT	ST	000	A	$240.00
305410	CONT-12000 (8640-70001)CONTACT	NS	000	A	$415.00
CONTACTOR IN NEMA 1 ENCL					
305429	CONT-04010 CONTCR-NEMA 1 BOX	ST	000	A	$190.00
305437	CONT-07510 CONTC NEMA 1 BOX	ST	000	A	$340.00
CONTACTOR IN NEMA 4 ENCL					
305453	CONT-04040 CONTCR-NEMA 4 BOX	ST	000	A	$365.00
305461	CONT-07540 CONCT-NEMA 4 BOX	NS	000	A	$680.00
305470	CONT-12040 CONTCR NEMA 4 BOX	NS	000	A	$980.00
CONTACTOR IN NEMA 7 ENCL					
305488	CONT-04070 CONTCR-NEMA 7 BOX		000	A	$1835.00
305496	CONT-07570 CONTCR-NEMA 7 BOX	NS	000	A	$2810.00
305509	CONT-12070 CONTCR NEMA 7 BOX	NS	000	A	$5480.00
MAGNETIC CONTACTORS 758					
MERCURY DISPLACEMENT TYPE					

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This pricing supercedes all prior MIPL releases.

PCN	DESCRIPTION		SS	WT	D	PRICE
2 POLE OPEN TYPE 120V COIL						
240100	HGR-235	35 AMP	NS	002	A	$245.00
3 POLE OPEN TYPE 120V COIL						
240119	HGR-335	35 AMP	ST	003	A	$320.00
240127	HGR-350	50 AMP	ST	003	A	$405.00
240135	HGR-360	60 AMP	NS	003	A	$745.00
240143	HGR-380	80 AMP	NS	006	A	$1220.00
240151	HGR-3100	100AMP	NS	007	A	$1470.00

TEMPERATURE CONTROLLER 782

NON-INDICATING					
CONTROLLERS 300D/300B					
329703	300D-20200 ON/OFF,J TC,0-1000F	ST	000	A	$245.00
329711	300D-20300 ON/OFF,KT/C,0-2000	NS	000	A	$245.00
329728	300D-30100 PROP,J TC,0-1000F	NS	000	A	$245.00
329736	300B-30400 PROP,J TC,0-1000F	NS	000	A	$245.00
LIMIT OVERTEMP CONTROLLER					
305699	LIMIT-10100 J T/C,0-1400F,120	ST	000	A	$225.00
305701	LIMIT-10200,KT/C,0-2300F,120V	ST	000	A	$225.00
305710	LIMIT-10400,RTD,-300/1100F,12	ST	000	A	$225.00
305728	LIMIT-10500,J,T/C,0-750C,120V	NS	000	A	$225.00
305736	LIMIT-10101,J,T/C,0-1400F,24V	NS	000	A	$225.00
305998	LIMIT-10350,E T/C,32-1470F,120Vac	ST	000	A	$225.00

1/32 DIN TEMPERATURE CONTROLLERS

3204 MODEL - 1/32 DIN					
AUTOTUNE-HEAT/COOL 4 DIGIT DISPLAY					
305090	3204-11000 RLY, RLY, 90-264 V	ST	000	A	$180.00
305082	3204-71000 SSR, RLY, 90-264 V	ST	000	A	$180.00
305103	3204-77000 SSR, SSR, 90-264 V	ST	000	A	$180.00
305146	3204-71001 SSR, RLY, 12-24 V	ST	000	A	$200.00
305162	3204-77001 SSR, SSR, 12-24 V	ST	000	A	$200.00
305120	3204-11010 RLY, RLY, RS485, 90-264 V	ST	000	A	$225.00
305111	3204-71010 SSR, RLY, RS485, 90-264 V	ST	000	A	$225.00
305138	3204-77010 SSR, SSR, RS485, 90-264 V	ST	000	A	$225.00
305189	3204-11020 RLY, RLY, RS232, 90-264 V	ST	000	A	$225.00
305170	3204-71020 SSR, RLY, RS232, 90-264 V	ST	000	A	$225.00
305197	3204-77020 SSR, SSR, RS232, 90-264 V	ST	000	A	$225.00

1/16 & 1/8 DIN TEMP CONTROLLERS

6040 SERIES - 1/16 DIN					
DUAL 4-DIGIT DISPLAY					
314616	6040-R00000 RELAY	ST	000	A	$180.00
314720	6040-S00000 SSR	ST	000	A	$180.00
314624	6040-RR0000 RELAY, RELAY	ST	000	A	$205.00
314632	6040-SR0000 SSR, RELAY	ST	000	A	$205.00
314640	6040-RRR000 3-RELAY	ST	000	A	$230.00
314659	6040-RRR001 3-RELAY, 24-48VAC/DC	ST	000	A	$250.00
1601E SERIES - 1/16 DIN					
3-DIGIT SINGLE DISPLAY					
317534	1601E-11030 SGL. DPLY.,2RLY	ST	001	A	$340.00
317542	1601E-61030 SGL. DPLY.,SSR DR.	ST	001	A	$340.00
1603E SERIES - 1/16 DIN					
3-DIGIT DUAL DISPLAY					
317577	1603E-11030 2 DPLY 2 RELAY	ST	001	A	$375.00
317585	1603E-61030 2 DPLY.,SSR DR.,RL	ST	001	A	$375.00
317593	1603E-11050 24V,2 DPLY.,2RLY	ST	001	A	$437.00
305947	1603E-11130 2 DPLY 3 RELAY	ST	001	A	$404.00
305963	1603E-11230 2 RELAY,TIMER	ST	000	A	$404.00
305955	1603E-61130 2 DPLY,SSR DR	ST	000	A	$404.00
1604 SERIES - 1/16 DIN					
4-DIGIT DUAL DISPLAY					
306296	1604-11130 3-RELAY OUTPUTS	ST	001	A	$440.00
306309	1604-61130 SSR DR. 2-RELAY OUT	ST	001	A	$440.00
307491	1604-71130 4-20MA,2-RELAY	ST	001	A	$505.00
306317	1604-11230 3-RELAY, HTR BREAK	ST	001	A	$550.00
306325	1604-61230 SSR DR,2RLY,HBD+R54	ST	001	A	$550.00
306341	1604-61430 SSR DR,2RLY+BHD	ST	001	A	$640.00
1605 SERIES - 1/16 DIN					
1/16 DIN RAMP/SOAK CONTROLLER					
307504	1605-11130 3-RELAY	ST	001	A	$510.00
307512	1605-61130 SSR DR. 2-RELAY	ST	000	A	$510.00
8040 SERIES - 1/8 DIN					
DUAL 4-DIGIT DISPLAY					
314544	8040-R00000 RELAY	ST	000	A	$250.00

1/4 DIN TEMPERATURE CONTROLLERS

4040 SERIES - 1/4 DIN					
DUAL 4-DIGIT DISPLAY					
314528	4040-ARR000 ANALOG, 2 RELAY	ST	000	A	$335.00
314704	4040-R00000 RELAY	ST	000	A	$275.00
314510	4040-RRR000 3-RELAY	ST	000	A	$325.00
2110 SERIES - 1/4 DIN					
SINGLE OUTPUT					
317016	2110-R1000 1AMP RELAY	ST	000	A	$441.00
317024	2110-R3000, 20AMP RELAY	ST	000	A	$451.00
317032	2110-V0000, SSR DRIVE	ST	000	A	$441.00
317040	2110-S0000, 1AMP SSR	NS	000	A	$441.00
317059	2110-S1000, 5AMP SSR	NS	000	A	$468.00
317067	2110-S2000, 10AMP SSR	ST	000	A	$496.00
2110 SERIES - 1/4 DIN					
DUAL OUTPUT					
317075	2110-R1100, 1AMP RELAY ALARM	ST	000	A	$470.00
317083	2110-R3100,20AMP RELAY ALARM	ST	000	A	$480.00
317091	2110-V0100 SSR DRIVE ALARM	ST	000	A	$470.00
317104	2110-S0100 1AMP SSR ALARM	NS	000	A	$470.00
317112	2110-S1100 5AMP SSR ALARM	NS	000	A	$497.00
317120	2110-S2100 10AMP SSR ALARM	ST	000	A	$525.00
2110 ACCESSORIES					
317139	0149-27147 R1 1AMP RELAY+ALARM	NS	000	A	$80.00
317147	0149-27146 R3 20AMP RELAY+ALAR	NS	000	A	$90.00
317155	0149-27149 VO SSR DRIVE OUT+AL	NS	000	A	$80.00
317163	0149-27148 S1 1AMP TRIAC+ALARM	NS	000	A	$80.00
317171	0149-27150 S2/S35,10AMP SSR+AL	NS	000	A	$150.00
317180	0149-27133 R1 1AMP RELAY	NS	000	A	$60.00
317198	0149-27132 R3 20AMP	NS	000	A	$70.00
317200	0149-27135 VO SSR DRIVE OLT	NS	000	A	$60.00
317219	0149-27134 S1 1AMP TRIAC	NS	000	A	$60.00
317227	0149-27136 S2/S3 5,10AMP SSR	NS	000	A	$125.00
317235	0149-00022 FAN KIT	ST	000	A	$105.00
2104 SERIES - 1/4 DIN					
DUAL 4-DIGIT DISPLAY					
306510	2104-R0000 RELAY (SSR)	ST	000	A	$600.00
306528	2104-R0100 RLY(SSR),2-ALARM	ST	000	A	$662.00
306579	2104-A0000 ANALOG	ST	000	A	$620.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
306587	2104-A0100 ANALOG,ALARM,ALARM	ST	000	A	$662.00
2104 OUTPUT CARDS					
SINGLE CONTROL OUTPUT					
306624	0149-27106 RELAY (SSR)	ST	000	A	$62.00
306632	0149-27105 TRIAC	NS	000	A	$62.00
2104 HEAT/COOL OUTPUT CARDS					
306640	0149-27100 ANALOG(4-20MA)SINGL	ST	000	A	$118.00
306659	0149-27097 RELAY/RELAY	ST	000	A	$118.00
306667	0149-27099 TRIAC/TRIAC	NS	000	A	$118.00
306675	0149-27098 SSR/SSR	NS	000	A	$118.00
306683	0149-27103 ANALOG/RELAY	ST	000	A	$118.00
306691	0149-27104 ANALOG/TRIAC	ST	000	A	$118.00
306704	0149-27101 SSR/RELAY	ST	000	A	$118.00
306712	0149-27102 SSR/TRIAC	NS	000	A	$118.00

HI-LIMIT / OVER TEMP CONTROLLERS

1/16 DIN OVERTEMPERATURE CNTRL					
6050 SERIES - 1/16 DIN					
DUAL 4-DIGIT DISPLAY LIMIT CONTROL					
314683	6050-10000 RELAY 5A	ST	001	A	$180.00
314691	6050-1R000 RELAY 5A, RELAY 2A	ST	001	A	$205.00
1600 SERIES - 1/16 DIN					
307475	1600-10030 RELAY OUT	ST	001	A	$375.00
307483	1600-11030 2-RELAY OUT	ST	001	A	$410.00
317972	1600-11130 2-RLY, RS485, DIG IN	ST	1	A	$605.00
317745	1600-11050 2-RLY, DIG IN	ST	001	A	$472.00
1/4 DIN OVERTEMPERATURE CNTRL					
4050 SERIES - 1/4 DIN					
DUAL 4-DIGIT DISPLAY LIMIT CONTROL					
314667	4050-1R000 RELAY 5A	ST	001	A	$300.00
3101 SERIES - 1/4 DIN					
DUAL 4-DIGIT DISPLAY					
306982	3101-11000 2 RELAY 120/240 VAC	ST	000	A	$665.00
306990	3101-11100 2 RELAY,PROC OUT	ST	000	A	$770.00
307002	3101-11010 3 RELAY,RS422	ST	000	A	$815.00
307010	3101-11020 3 RELAY,RS232	ST	000	A	$815.00

MULTI-LOOP CONTROLLER 788

3340 SERIES 4 LOOP CONTROLLER					
317884	3340-1R04100000 RELAY,TC	ST	000	A	$1025.00
3380 SERIES 8 LOOP CONTROLLER					
317825	3380-1VV4100000 SSR DR.,TC	ST	000	A	$1730.00

DIN CONTROLLER ACCESSORIES

1/4 DIN ADAPTER PLATES					
306923	0006-12137 1/4 TO 1/16 DIN	ST	000	A	$115.00
306931	0006-12136 1/4 TO 1/8 DIN	ST	000	A	$185.00
1/16 DIN MOUNTING BRACKETS					
305200	0006-12155 1/16 DIN MNT BRKT	ST	000	A	$65.00
305218	0006-12154 1/16 DIN MNT BRKT	ST	000	A	$100.00
CURRENT XFORMERS FOR HBD OPT					
306480	0149-01340 0-10A,CURRENTXFORMER	ST	000	A	$62.00
306350	0149-01341 0-25A,CURRENTXFORMER	NS	000	A	$62.00
306368	0149-01342 0-50A CURRENTXFORMER	ST	000	A	$62.00
306376	0149-01343 0-100A CURRENTXFORMER	NS	000	A	$62.00
314448	0149-01305 SNUBBER	ST	000	A	$20.00
314421	0148-00012 SPLASH COVER	ST	000	A	$200.00
321939	0076-12034 NEMA 4 COVER 7X12	NS	000	A	$175.00
321947	0076-12035 NEMA 4 COVER 12X14	NS	000	A	$200.00
CONTROLLER ENCLOSURE					
DOOR MOUNTED					
317913	ENC4-QTR01 (1) 1/4 DIN CUTOUT	ST	000	A	$240.00
317948	ENC4-QTR02 (2) 1/4 DIN CUTOUTS	NS	000	A	$240.00
317921	ENC4-SIX01 (1) 1/16 DIN CUTOUT	NS	000	A	$240.00
317930	ENC4-SIX02 (2) 1/16 DIN CUTOUT	NS	000	A	$240.00
MOUNTED BEHIND WINDOW					
317365	ENC4-QTRW0 NEMA 4X ENCLOSURE	ST	000	A	$330.00
317980	0006-12151 (1)1/4DIN MTG BRKT	ST	000	A	$120.00
339098	0006-12157 (2)1/4 DIN MTG BRKT	ST	000	A	$150.00
317964	ENC7-QTRW0 NEMA 7/4 ENCLOSURE	NS	000	A	$930.00
339119	0006-12177 (1)1/16 DIN MTG PLT	NS	000	A	$105.00
339127	0006-12178 (2)1/16 DIN MTG PLT	NS	000	A	$105.00
339100	0006-12179 (1)1/4 DIN MTG PLT	NS	000	A	$105.00

MULTI-LOOP TEMPERATURE MONITOR 789

309913	CX224-A1A RS-232	12 CHNL TEMP MON	ST	000	A	$4005.00
309921	CX224-A1B RS-485	12 CHNL TEMP MON	ST	000	A	$4005.00

SCR POWER DEVICES 741

DIN RAIL MOUNT POWER CTRLS					
SINGLE PHASE, TRIAC					
307580	4001-18370 18 AMP,1PH,240V	ST	000	A	$170.00
SINGLE PHASE, SCR					
329551	4001-35310 35 AMP,1PH,400V,120-2	ST	000	A	$200.00
307651	4001-35370 35 AMP,1PH,400V	ST	000	A	$200.00
329560	4001-35610 35 AMP,1PH,600V,120-2	ST	000	A	$200.00
307686	4001-35670 35 AMP,1PH,600V	ST	000	A	$200.00
307694	4001-35671 35 AMP,1PH,600V,OPT	ST	000	A	$250.00
307707	4001-35641 35 AMP,1PH,600V,OPT	ST	000	A	$250.00
307740	4001-45670 45 AMP,1PH,600V	ST	000	A	$250.00
307758	4001-45671 45 AMP,1PH,600V,OPT	ST	000	A	$275.00
307889	4001-80641 80 AMP,1PH,600V,OPT	ST	000	A	$500.00
THREE PHASE,SCR					
329746	4003-20610 20 AMP,3PH,600V,120-2	ST	000	A	$275.00
307926	4003-20671 20 AMP,3PH,600V,OPT	ST	000	A	$275.00
329762	4003-40610 40 AMP,3PH,600V,120-2	ST	000	A	$325.00
307934	4003-40671 40 AMP,3PH,600V,OPT	ST	000	A	$325.00
329789	4003-60610 60 AMP,3PH,600V,120-2	ST	000	A	$450.00
307942	4003-60671 60 AMP,3PH,600V	ST	000	A	$450.00

Single Phase SSR, Vdc Gated 742

Single Phase SSR, DC Gated					
305744	SSR-251 25A,600Vac,4.5-32Vdc,LED	ST	000	A	$70.00
305752	SSR-501 50A,600Vac,4.5-32Vdc,LED	ST	000	A	$82.00
305760	SSR-751 75A,600Vac,4.5-32Vdc,LED	ST	000	A	$115.00
Single Phase SSR, Vac Gated					
305779	SSR-252 25A,600Vac,24- 265Vac,LED	ST	000	A	$87.00
305787	SSR-502 50A,600Vac,24- 265Vac,LED	ST	000	A	$99.00
305795	SSR-752 75A,600Vac,24- 265Vac,LED	ST	000	A	$132.00
Single Ph SSR with Heat Sink, Vdc Gated					
305808	SSR1-251 25A,600V,4.5-32Vdc,LED,HS	ST	000	A	$115.00
305824	SSR1-351 35A,600V,4.5-32Vdc,LED,HS	ST	000	A	$160.00
305840	SSR1-501 50A,600V,4.5-32Vdc,LED,HS	ST	000	A	$195.00
305867	SSR1-751 75A,600V,4.5-32Vdc,LED,HS	ST	000	A	$225.00
Single Ph SSR with Heat Sink, Vac Gated					
305816	SSR1-252 25A,600V,24-265Vac,LED,HS	NS	000	A	$132.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
305832	SSR1-352 35A,600V,24-265Vac,LED,HS	NS	000	A	$177.00
305859	SSR1-502 50A,600V,24-265Vac,LED,HS	ST	000	A	$212.00
305875	SSR1-752 75A,600V,24-265Vac,LED,HS	NS	000	A	$242.00
	Single Ph SSR 230Vac with Heat Sink,				
	4-20ma in, Phase Fired				
305883	SSR1P-2511 25A,230V,4-20mA,LED,HS	ST	000	A	$180.00
305904	SSR1P-3511 35A,230V,4-20mA,LED,HS	ST	000	A	$225.00
305920	SSR1P-5011 50A,230V,4-20mA,LED,HS	NS	000	A	$300.00
339266	SSR1P-7011 70A,230V,4-20mA,LED,HS	NS	000	A	$330.00
	Single Ph SSR 600Vac with Heat Sink,				
	4-20ma in, Phase Fired				
305891	SSR1P-2521 25A,600V,4-20mA,LED,HS	ST	000	A	$210.00
305912	SSR1P-3521 35A,600V,4-20mA,LED,HS	NS	000	A	$255.00
305939	SSR1P-5021 50A,600V,4-20mA,LED,HS	ST	000	A	$330.00
339274	SSR1P-7021 70A,600V,4-20mA,LED,HS	NS	000	A	$360.00
	3 Phase 2-leg SSR with Heat Sink,				
	Vdc Gated				
339282	SSR2-251 25A,600V,4.5-32Vdc,LED,HS	ST	000	A	$230.00
339303	SSR2-501 50A,600V,4.5-32Vdc,LED,HS	ST	000	A	$465.00
339320	SSR2-751 75A,600V,4.5-32Vdc,LED,HS	ST	000	A	$540.00
	3 Phase 2-leg SSR with Heat Sink,				
	Vac Gated				
339290	SSR2-252 25A,600V,24-265Vac,LED,HS	ST	000	A	$248.00
339311	SSR2-502 50A,600V,24-265Vac,LED,HS	ST	000	A	$483.00
339338	SSR2-752 75A,600V,24-265Vac,LED,HS	NS	000	A	$558.00
	3 Phase 3-leg SSR with Heat Sink,				
	Vdc Gated				
339346	SSR3-151 15A,480V,4-32Vdc,LED,HS	NS	000	A	$325.00
339362	SSR3-251 25A,480V,4-32Vdc,LED,HS	ST	000	A	$400.00
339389	SSR3-301 30A,480V,4-32Vdc,LED,HS	ST	000	A	$475.00
339400	SSR3-451 45A,480V,4-32Vdc,LED,FAN,HS	NS	000	A	$595.00
339426	SSR3-651 65A,480V,4-32Vdc,LED,FAN,HS	ST	000	A	$690.00
	3 Phase 3-leg SSR with Heat Sink,				
	Vac Gated				
339354	SSR3-152 15A,480V,20-275Vac,LED,HS	NS	000	A	$343.00
339370	SSR3-252 25A,480V,20-275Vac,LED,HS	NS	000	A	$418.00
339397	SSR3-302 30A,480V,20-275Vac,LED,HS	ST	000	A	$493.00
339418	SSR3-452 45A,480V,20-275Vac,LED,FAN,HS	NS	000	A	$613.00
339434	SSR3-652 65A,480V,20-275Vac,LED,FAN,HS	ST	000	A	$708.00
	3 Phase 3-leg SSR with Heat Sink,				
	4-20/0-20ma Phase Fire				
339442	SSR3P-1511 15A,230V,4-20Ma,LED,HS	NS	000	A	$530.00
339450	SSR3P-2511 25A,230V,4-20Ma,LED,FAN,HS	ST	000	A	$735.00
339469	SSR3P-4011 40A,230V,4-20Ma,LED,FAN,HS	ST	000	A	$760.00
339477	SSR3P-1521 15A,480V,4-20Ma,LED,HS	ST	000	A	$605.00
339485	SSR3P-2521 25A,480V,4-20Ma,LED,FAN,HS	ST	000	A	$810.00
339493	SSR3P-4021 40A,480V,4-20Ma,LED,FAN,HS	ST	000	A	$835.00
	ACCESSORIES FOR SSR SERIES 746				
339509	0081-10030 POWER SUPPLY & RELAY	ST	000	C	$170.00
341260	0135-28144 LM2 SSR DRIVE MODULE	ST	000	A	$160.00
339768	0113-10237 VARI-WATT SSR DRIVE MODULE	ST	000	A	$230.00
313947	0135-27000 10K POT FOR VARIWAT	ST	000	A	$145.00
313955	0005-12237 ISOLATION TRANSFORM	NS	000	A	$84.00
	SCR PANEL 761				
	4224 MINI SCR PANEL				
305592	4224-35551 THREE PHASE	ST	000	C	$3015.00
314771	4224-35111 THREE PHASE	ST	001	C	$2955.00
	4532 SERIES SCR PANEL				
	WITH 4040 TEMP CONTROL & 4050				
	O/T CONTROL, MAX 90 AMPS				
307070	4532-40530 SCR PANEL	ST	000	C	$5830.00
	4268 SERIES NEMA 4 SCR PANEL				
	WITH 6040 CONTROLLER &				
	6050 OVERTEMP, MAX 65 AMPS				
339240	4268-34232 SCR PNL,30A,NEMA4 - OLD	ST	000	C	$3235.00
314739	4268-34112 SCR PNL,30A,NEMA4 - NEW	ST	000	C	$3265.00
314763	4268-64112 SCR PNL,65A,NEMA4 - NEW	ST	000	C	$3855.00
	CONTACTOR PANEL 761				
	4468 SERIES NEMA 4X				
	WITH TEMP CONTROL				
360022	4468-30100 NEMA 4X PANEL	ST	000	C	$1145.00
360030	4468-30200 NEMA 4X PANEL	ST	000	C	$1160.00
360073	4468-60100 NEMA 4X PANEL	ST	000	C	$1205.00
328874	4468-60201 NEMA 4X PANEL	ST	000	C	$1580.00
328890	4468-60211 NEMA 4X PANEL	ST	000	C	$1775.00
	HCP TIMER PANEL				
309905	4439-23006 N12,CON,SPL,480V,60A,3PH	ST	001	A	$1900.00
	HEAT TRACE PANELS 762				
329666	HTLS-10000 SINGLE LOOP	ST	000	C	$1260.00
329631	HTLS-10010 SINGLE LOOP	ST	000	C	$1890.00
329643	HTLS-11020 SINGLE LOOP	ST	000	C	$1890.00
329658	HTLS-12030 SINGLE LOOP	ST	000	C	$1970.00
329674	HTLS-20000 DUAL LOOP	ST	000	C	$1860.00
	SENSORS (PROBES) 790				
	P-130 SECTION H				
	THERMCOUPLES AND RTD				
	EXTENSION WIRE AND ACCESSORIES				
	PRECISION INSULATED				
	THERMOCOUPLES 5/PACK				
326713	5TC-GG-J-24-36/C T/C	NS	000	A	$68.00
326721	5TC-GG-K-24-36/C T/C	NS	000	A	$90.00
326730	5TC-GG-J-30-36/C T/C	NS	000	A	$68.00
326748	5TC-GG-K-30-36/C T/C	NS	000	A	$90.00
326756	5TC-TT-J-24-36/C T/C	NS	000	A	$79.00
326764	5TC-TT-K-24-36/C T/C	NS	000	A	$79.00
326772	5TC-TT-J-30-36/C T/C	NS	000	A	$93.00
326780	5TC-TT-K-30-36/C T/C	NS	000	A	$93.00
	STD TYPE J THERMOCOUPLE				
	STEEL TRANSITION JOINT				
308339	TJ36-ICSS-14U-18/C	ST	000	A	$94.00
327062	TJ36-ICSS-116U-12/C T/C	ST	000	A	$70.00
	STD TYPE J THERMOCOUPLE				
	WITH CONNECTION HEAD				
308347	NB3-ICSS-14U-6/C	ST	000	A	$99.00
308355	NB3-ICSS-14U-12/C	ST	000	A	$99.00
308363	NB3-ICSS-14U-18/C	ST	000	A	$115.00
308371	NBS-ICSS-14U-4-TBSL/C SPNG LD	ST	000	A	$140.00
308380	NBS-ICSS-14U-6-TBSL/C SPNG LD	NS	000	A	$140.00
308398	NBS-ICSS-14U-12-TBSL/C SPNG LD	ST	000	A	$140.00
	STD TYPE K THERMOCOUPLE				
	STEEL TRANSITION JOINT				

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PCN	DESCRIPTION	SS	WT	D	PRICE
308400	TJ36-CASS-18U-6/C	ST	000	A	$70.00
308419	TJ36-CASS-18U-12/C	ST	000	A	$70.00
308427	TJ36-CASS-18U-18/C	ST	000	A	$75.00
308435	TJ36-CASS-316U-6/C	ST	000	A	$75.00
308460	TJ36-CASS-14U-6/C	ST	000	A	$81.00
308478	TJ36-CASS-14U-12/C	ST	000	A	$81.00
STD TYPE K THERMOCOUPLE					
WITH CONNECTION HEAD					
308494	NB3-CASS-14U-6/C	ST	000	A	$99.00
308515	NB3-CASS-14U-18/C	ST	000	A	$110.00
SELF-ADHESIVE BACKING T/C					
326799	SA1-J/C T/C	ST	000	A	$117.00
326801	SA1-K/C T/C	ST	000	A	$117.00
HIGH-TEMP OVERBRAIDED T/C					
326895	XCIB-K-4-4-3/C T/C	NS	000	A	$96.00
326908	XCIB-J-4-4-3/C T/C	ST	000	A	$96.00
326916	XCIB-K-4-4-10/C T/C	ST	000	A	$121.00
326924	XCIB-J-4-4-10/C T/C	ST	000	A	$121.00
BOLT-ON WASHER THERMOCOUPLE					
326932	WTJ-8-24/C T/C	ST	000	A	$34.00
326959	WTJ-10-24/C T/C	ST	000	A	$34.00
326975	WTJ-10-60/C T/C	ST	000	A	$40.00
326983	WTK-10-60/C T/C	ST	000	A	$40.00
PIPE PLUG THERMOCOUPLE PROBE					
326991	TC-J-NPT-U-72/C T/C	ST	000	A	$88.00
BAYONET THERMOCOUPLES					
328938	BT-000-J-3-1/2-60-1/C	ST	000	A	$64.00
328946	BT-000-J-3-1/2-60-2/C	ST	000	A	$70.00
328954	BT-090-J-3-1/2-60-1/C	ST	000	A	$64.00
328962	BT-090-J-3-1/2-60-2/C	ST	000	A	$70.00
UNIQUE SURFACE PROBES					
327290	88108K/C T/C	ST	000	A	$390.00
SURFACE MOUNT RTD					
338052	SRTD-1/C SURFACE RTD	ST	000	A	$224.00
339178	SRTD-2/C SURFACE RTD	ST	000	A	$273.00
339186	OB-101-1/2/C EPOXY221F MAX	ST	000	A	$25.00
339194	OB-200-2/C EPOXY500F MAX	ST	000	A	$40.00
SPECIAL APPLICATION RTD					
339207	RTD-805/C RTD FOR AIR AND GAS	ST	000	A	$170.00
339215	RTD-830/C RTD FOR FLAT SURFACE	ST	000	A	$134.00
339223	RTD-850/C RTD W/ THREADED TIP	ST	000	A	$134.00
339231	RTD-860/C RTD W/ FLANGE	ST	000	A	$170.00
STD RTD					
STEEL TRANSITION JOINT					
308013	PR-11-2-100-1/4-6-E/C	ST	000	A	$195.00
308021	PR-11-2-100-1/4-12-E/C	ST	000	A	$195.00
308030	PR-11-2-100-1/4-18-E/C	ST	000	A	$200.00
HEAT TRACE PIPE SENSOR					
317315	RBF185M-HT-0304-18RD-31SB/C	ST	000	A	$167.00
317340	RBF185M-HT-0304-18RD-71SB/C	ST	000	A	$215.00
STD RTD					
WITH CONNECTION HEAD					
308056	PR-18-2-100-1/4-6-E/C	ST	000	A	$185.00
308064	PR-18-2-100-1/4-12-E/C	ST	000	A	$185.00
STD RTD SPRING LOADED					
WITH CONNECTION HEAD					
308080	NBS-2-100-1/4-4-E-HNSL/C	ST	000	A	$250.00

PCN	DESCRIPTION	SS	WT	D	PRICE
COMPRESSION FITTING EXTRUDER					
RTD'S					
327388	CF-000-RTD-2-60-1/C RTD	ST	000	A	$179.00
327396	CF-000-RTD-4-60-1/C RTD	ST	000	A	$179.00
SPECIAL SENSORS (OLD C700)					
293544	EI1102101/TJ120-ICSS-18U-6-GG/	ST	000	A	$73.00
293552	EI1102101/TJ120-CASS-18U-6-GG/	ST	000	A	$73.00
309972	OSK70667/TJ120-CASS-18U-6-GG/C	ST	000	A	$73.00
309980	OSK70667/TJ120-ICSS-18U-6-GG/C	ST	000	A	$73.00
SURFACE SENSORS					
308849	WTJ-HD-72-S-UNGROUNDED/C	ST	000	A	$67.00
308857	WTK-HD-72-S-UNGROUNDED/C	ST	000	A	$67.00
SENSOR ACCESSORIES					
ADJUSTABLE COMPRESSION FITTING					
308718	SSLK-18-18-TEFLON/C	ST	000	A	$48.00
308726	SSLK-18-14-TEFLON/C	ST	000	A	$54.00
308734	SSLK-316-18-TEFLON/C	ST	000	A	$48.00
308742	SSLK-316-14-TEFLON/C	ST	000	A	$54.00
308750	SSLK-14-18-TEFLON/C	NS	000	A	$48.00
308769	SSLK-14-14-TEFLON/C	ST	000	A	$54.00
COMPRESSION FITTING FOR C700					
277405	SSLK-18-18/C	ST	000	A	$48.00
RTD ASSESSORIES					
308179	OTP-U-M/C	ST	000	A	$22.00
308187	OTP-U-F/C	ST	000	A	$27.00
308195	CC CABLE CLAMP	ST	000	A	$16.00
308558	BTA-1/C	ST	000	A	$22.00
THERMOCOUPLE CONNECTORS					
308785	OSTW-J-M/C	ST	000	A	$12.00
308793	OSTW-J-F/C	ST	000	A	$15.00
308806	OSTW-K-M/C	ST	000	A	$12.00
308814	OSTW-K-F/C	ST	000	A	$15.00
327425	NHX-K-M/C CONNECTOR	ST	000	A	$18.00
327433	NHX-K-F/C CONNECTOR	ST	000	A	$20.00
327441	NHX-J-M/C CONNECTOR	ST	000	A	$18.00
327450	NHX-J-F/C CONNECTOR	ST	000	A	$20.00
327468	SMPW-K-M/C CONNECTOR	ST	000	A	$12.00
327476	SMPW-K-F/C CONNECTOR	ST	000	A	$12.00
327484	SMPW-J-M/C CONNECTOR	ST	000	A	$12.00
327492	SMPW-J-F/C CONNECTOR	ST	000	A	$12.00
STD THREADED THERMOWELLS					
SERIES A260					
308654	3/4-260S-U2 1/2-304SS/C	ST	000	A	$56.00
308662	3/4-260S-U4 1/2-304SS/C	ST	000	A	$64.00
308670	3/4-260S-U10 1/2-304SS/C	ST	000	A	$110.00
308689	3/4-260S-U2 1/2-316SS-C	NS	000	A	$75.00
308697	3/4-260S-U4 1/2-316SS/C	ST	000	A	$87.00
308700	3/4-260S-U10 1/2-316SS/C	ST	000	A	$141.00
327361	1/2-260S-U10 1/2-304SS/C T'WEL	ST	000	A	$110.00
327370	1/2-260S-U10 1/2-316SS/C T'WEL	ST	000	A	$141.00
THERMOCOUPLE WIRE					
327505	GG-J-20-25/C T/C WIRE	ST	000	A	$50.00
308988	GG-J-20-50/C	ST	000	A	$70.00
327513	GG-J-20-100/C T/C WIRE	ST	000	A	$115.00
308996	GG-J-20-200/C	ST	000	A	$195.00
327599	GG-K-20-25/C T/C WIRE	ST	000	A	$64.00
309016	GG-K-20-50/C	ST	000	A	$72.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
327601	GG-K-20-100/C T/C WIRE	ST	000	A	$150.00
309024	GG-K-20-200/C	ST	000	A	$240.00
327548	TT-J-20-100/C T/C WIRE	ST	000	A	$160.00
309075	FF-K-20-50/C	ST	000	A	$115.00
EXTENSION GRADE					
THERMOCOUPLE WIRE					
308865	EXPP-J-20-50/C T/C WIRE	ST	000	A	$45.00
327783	EXPP-J-20-100/C T/C WIRE	ST	000	A	$70.00
308873	EXPP-J-20-200/C T/C WIRE	NS	000	A	$120.00
327804	EXPP-J-20TWSH-25/C T/C WIRE	ST	000	A	$40.00
327812	EXPP-J-20TWSH-100/C T/C WIRE	ST	000	A	$88.00
308937	EXPP-J-20TWSH-200/C	ST	000	A	$140.00
327716	EXPP-K-20-25/C T/C WIRE	ST	000	A	$40.00
327759	EXPP-K-20TWSH-100/C T/C WIRE	ST	000	A	$120.00
RTD EXTENSION WIRE					
308144	3CU-PALP-TW-16-50	ST	000	A	$140.00
308152	3CU-PALP-TW-16-200	ST	000	A	$345.00
THERMOWELLS					
12 INCH					
360575	GSTW-12,316SS	NS	000	A	$175.00
360583	GTTW-12,TITANIUM	NS	000	A	$175.00
360591	GTFTW-12,TEFLON	ST	000	A	$200.00
360604	GQTW-12,QUARTZ	NS	000	A	$175.00
24 INCH					
360612	GSTW-24,316SS	ST	000	A	$185.00
360620	GTTW-24,TITANIUM	NS	000	A	$185.00
360639	GTFTW-24,TEFLON	NS	000	A	$225.00
360647	GQTW-24,QUARTZ	NS	000	A	$200.00
36 INCH					
360655	GSTW-36,316SS	NS	000	A	$200.00
360663	GTTW-36 THERMOWELL-TITANIUM	NS	000	A	$200.00
360671	GTFTW-36,TEFLON	NS	000	A	$225.00
360680	GQTW-36,QUARTZ		000	A	$200.00
End of Section					

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40 Series 1/16, 1/8, 1/4 DIN Temperature & Process Controller

Model	40 Series Temperature and Process Controller		Base Price
6040	1/16 DIN	Dual 4 Digit Display, Universal Input, Auto Detect Hardware, Up to 3 Outputs, Process & Loop Alarms, Auto or Manual Tuning, Heat/Cool Operation, Ramping Setpoint, Adjustable Hysteresis, Optional Features: Valve Motor Drive Position, Heater Break Alarm Function, Remote/Dual Setpoint, Configuration Software, ModBus Communications, 32° to 131°F (0° to 55°C) Operating Temperature. IEC IP66 (NEMA 4X) front panel protection. 3-Year Warranty.	155.00
8040	1/8 DIN		225.00
4040	1/4 DIN		250.00

Code	Output 1	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
T	Triac (0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz)	25.00

Code	Output 2	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
T	Triac (0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz)	25.00
M	[4]Dual Relay Output - 2 Amp 240 VAC, Form A (X 2)	40.00

Code	Output 3	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
P	Isolated Power Supply 24 VDC (910Ω min)	60.00
M	[4]Dual Relay Output - 2 Amp 240 VAC, Form A (X 2) **(Not available on the 6040)**	40.00

Code	Feature Option A	Adder
0	None	nc
1	RS485 (ModBus/RTU) Digital Comms	60.00
2	Digital Input (Voltage Free or TTL Input)	60.00
3	[3] Remote Setpoint - Manual Set **(Not available if H is selected in Feature Option B)**	60.00

Code	Feature Option B	Adder
0	None	nc
1	[3] Enhanced Remote Setpoint Input & Digital Input - **(Not available on the 6040 model)**	90.00
V	[1] Valve Motor Drive Position	50.00
W	[1, 3] Valve Motor Drive Position & Remote Setpoint - **(Not available on the 6040 model)**	140.00
H	[2] Heater Break Alarm Function (Available **ONLY** on 6040 model)	90.00
9	Other Special Firmware	Consult Sales

Code	Power Supply	Adder
0	100 - 240V AC	nc
1	24 - 48V AC/DC	20.00

4040	**-**	**R**	**S**	**A**	**0**	**0**	**0** **Typical Model Number**

Standard lead times are based on Quantity:
1 - 5 pieces: 1 day
6+ pieces: Consult Factory

Prices are List, Schedule A Discount

Order Table Notes

1 Requires 2 On/Off Outputs from above (R, S or T)
2 Requires 1 On/Off Output from above (R, S or T) & a Current Transformer.
3 Between Feature Option A & B, Only One Remote Setpoint may be selected.
4 Available ONLY when either V or W is selected in Feature Option B

Accessories

Description	Part Number
Current Transformer for Heater Break Alarm (HBA): 0 - 25 Amp	0149-50071
Current Transformer for Heater Break Alarm (HBA): 0 - 50 Amp	0149-50072
Current Transformer for Heater Break Alarm (HBA): 0 - 100 Amp	0149-50073
ChromaWare Configuration Software & Cable (40 & 50 Series)	0149-50060
Cable only for Configuration Software (40, 50 & 80 Series)	0149-50062
Snubber (PCN 314448)	0149-01305

Stocked Items

DIN Size	Part Number	PCN
1/16	6040-R00000	314616
1/16	6040-S00000	314720
1/16	6040-RR0000	314624
1/16	6040-SR0000	314632
1/16	6040-RRR000	314640
1/16	6040-RRR001	314659
1/8	8040-R00000	314544
1/4	4040-ARR000	314528
1/4	4040-R00000	314704
1/4	4040-RRR000	314510

Technical Notes

1. Quick Start Manuals are shipped with the Controller. Full Installation & Instruction Manuals are available on line at **www.chromalox.com**

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50 Series 1/16, 1/4 DIN Over Temperature / Limit Controller

Model	50 Series Over Temperature / Limit Controller		Base Price
6050	1/16 DIN	Dual 4 Digit Display, Universal Input, Auto Detect Hardware, Up to 3 Outputs, Process & Loop Alarms, Ramping Setpoint, Adjustable Hysteresis, Optional Features: 24VDC Transmitter Power Supply, Retransmit: Process value or limit setpoint, Configuration Software, ModBus Communications, 32° to 131°F (0° to 55°C) Operating Temperature. IEC IP66 (NEMA 4X) front panel protection. 3-Year Warranty.	180.00
4050	1/4 DIN		275.00

Code	Output 1	Adder
1	Relay - SPDT, 5A resistive at 120/240V AC	nc

Code	Output 2	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
T	Triac (0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz)	25.00

Code	Output 3	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
P	Isolated Power Supply 24 VDC (910Ω min)	60.00

Code	Feature Option A	Adder
0	None	nc
1	RS485 (ModBus/RTU) Digital Comms	60.00
2	Digital Input (Voltage Free or TTL Input)	60.00

Code	Power Supply	Adder
0	100 - 240V AC	nc
1	24 - 48V AC/DC	20.00

4050	-	1	S	A	0	0	Typical Model Number

Standard lead times are based on Quantity:
1 - 5 pieces: 1 day
6+ pieces: Consult Factory

Prices are List, Schedule A Discount

Accessories

Description	Part Number
ChromaWare Configuration Software & Cable (40 & 50 Series)	0149-50060
Cable only for Configuration Software (40, 50 & 80 Series)	0149-50062
Snubber (PCN 314448)	0149-01305

Stocked Items

DIN Size	Part Number	PCN
1/16	6050-10000	314683
1/16	6050-1R000	314691
1/4	4050-1R000	314667

Technical Notes

1. Quick Start Manuals are shipped with the Controller. Full Installation & Instruction Manuals are available on line at www.chromalox.com

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80 Series 1/4 DIN Advanced Temperature & Process Controller

Model	80 Series Advanced Temperature & Process Controller	Base Price
4080	1/4 DIN, 1 Loop — Large Graphical/Text LCD Display, up to 9 outputs (up to 5 programmable event outputs), reinforced safety isolation between inputs & outputs, universal inputs. Options: 64 program/255 segment Profiler, Data-Logging, USB Port, Real Time Clock, RS-485 (ModBus/RTU) Digital Communications, Ethernet Port (ModBus TCP Slave), Configuration & Monitoring Software. 32° to 131°F (0° to 55°C) Operating Temperature. 2 Year Warranty	540.00

Code	Unit Type	Adder
C	Controller	nc
U	Controller with USB Port	75.00
R	Controller/Recorder with USB Port & Real Time Clock	250.00

Code	Profiler Option	Adder
0	Not Fitted	nc
P	Profiler	200.00

Code	Output 1	Adder
0	None	nc
R	*Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	35.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	35.00
A	*Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
T	*Triac (0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz)	35.00

Codes		Output 2 & Output 3 (Choose the Appropriate Code for Each)	Adder/Each
Out 2	Out 3	Output Type	
0	0	None	nc
R	R	*Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	35.00
S	S	SSR (0/10 VDC, 500 Ω Minimum load)	35.00
A	A	*Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
T	T	*Triac (0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz)	35.00
M	M	*Dual Relay Output - 2 Amp resistive, 240 VAC, SPST, Form A, norm. open, common terminal	40.00
W	W	Dual SSR Output - Non Isolated, 0/10 VDC, 500 Ω Minimum load	40.00
P	P	*Isolated Power Supply 24 VDC, 910 Ω Minimum	60.00

This Adder column for Outputs 2 & 3 represents the list price adder for a ***single*** output selection. Be sure to account for both output selections.

Code	Output 4	Adder
0	None	nc
1	*4 Relay Output - 2 Amp 240 VAC, SPST, Form A, norm. open, NOT common terminal	105.00

Code	Feature Option A	Adder
0	None	nc
1	RS485 (ModBus/RTU) Digital Comms	60.00
2	Digital Input (Voltage Free or TTL Input)	60.00
3	[1]Remote Setpoint - Manual Set (RSP) Analog Input A	60.00
4	Ethernet Port - ModBus TCP Slave	125.00

Code	Feature Option B	Adder
0	None	nc
1	[1]Enhanced Remote Setpoint Input & Digital Input	90.00

Code	Reserved For Future Options	Adder
0	None	nc

Code	Power Supply	Adder
0	100 - 240V AC	nc
1	24 - 48V AC/DC	20.00

4080	-	U	P	S	S	R	-	0	1	0	0	0	Typical Model Number

Standard lead times are based on Quantity:
1 - 5 pieces: 1 day
6+ pieces: Consult Factory

Prices are List, Schedule A Discount

Order Table Note:

[1] Between Feature Option A & B, Only One Remote Setpoint may be selected.

Accessories

Description	Part Number
ChromaloxPro Configuration Software & Cable	0149-50061
Cable only for Configuration Software (40, 50 & 80 Series)	0149-50062
Snubber (PCN 314448)	0149-01305

Technical Notes

1. Quick Start Manuals are shipped with the Controller. Full Installation & Instruction Manuals are available on line at www.chromalox.com

* Reinforced 240V safety isolation from inputs and other outputs.

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Accessories for 40, 50 & 80 Series DIN Controllers

Output Cards

Part Number	Card Type	Card Specification	Board Slot	Controller Series	List Price
0149-50039	R-Relay	2 Amp resistive @ 240 VAC, SPDT, Form C	Slot 1	40	25.00
0149-50040	S-SSR	0/10 VDC, 500 Ω Minimum load	Slot 1	40	25.00
0149-50041	A-Linear (DC) *	DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V	Slot 1	40/80	35.00
0149-50042	T-Triac	0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz	Slot 1	40	25.00
0149-50043	R-Relay *	2 Amp resistive @ 120/240 VAC, SPDT, Form C	Slot 1	80	35.00
0149-50044	S-SSR	0/10 VDC, 500 Ω Minimum load	Slot 1	80	35.00
0149-50077	T-Triac *, D	0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz	Slot 1	80	35.00
0149-50048	T-Triac	0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz	Slot 2	40/50	25.00
0149-50045	R-Relay	2 Amp resistive @ 240 VAC, SPDT, Form C	Slot 2 or 3	40/50	25.00
0149-50046	S-SSR	0/10 VDC, 500 Ω Minimum load	Slot 2 or 3	40/50	25.00
0149-50047	A-Linear (DC) *	DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V	Slot 2 or 3	40/50/80	35.00
0149-50050	R-Relay *	2 Amp resistive @ 120/240 VAC, SPDT, Form C	Slot 2 or 3	80	35.00
0149-50051	S-SSR	0/10 VDC, 500 Ω Minimum load	Slot 2 or 3	80	35.00
0149-50070	T-Triac *, D	0.01 to 1 Amp AC, 20 to 280Vrms, 47 to 63Hz	Slot 2 or 3	80	35.00
0149-50049	M-Dual Relay *	2 x SPST (Form A) with shared common. 2 Amp resistive @ 240 VAC	Slot 2 or 3	40/80	40.00
0149-50052	W-Dual SSR	0/10 VDC, 500 Ω Minimum load	Slot 2 or 3	80	40.00
0149-50053	P-Isolated Power Supply *	24V nominal (19 to 28V DC) into 910 Ω minimum resistance	Slot 3	40/50/80	60.00
0149-50054	1-4 (Quad) Relay Output *	4 x SPST (Form A), not shared common. 2 Amp resistive @ 240 VAC	Slot 4	80	105.00

Input & Communications Cards

Part Number	Card Type	Card Specification	Board Slot	Controller Series	List Price
0149-50055	1-Digital Communications *	2 Wire RS485 (Modbus/RTU), 1200 to 19200 Baud	Option A	40/50/80	60.00
0149-50056	2-Digital Input *	Voltage Free (or TTL). [See Digital Input Behavior below]	Option A	40/50/80	60.00
0149-50057	3-Remote Setpoint/Manual	Linear Input: 4-20mA, 0-20mA, 0-5VDC, 1-5VDC, 2-10VDC, 0-10VDC	Option A	40/80	60.00
0149-50058	4-Ethernet Port E	Modbus TCP Slave only. Via RJ45 connector	Option A	80	125.00
0149-50059	1-Full Remote Set Point	Linear Input: 4-20mA, 0-20mA, 0-5VDC, 1-5VDC, 2-10VDC, 0-10VDC and Digital Input: Voltage Free (or TTL). [See Digital Input Behavior below	Option B	40/80	90.00

Card Specification Notes:

*	On 80 Series, Reinforced safety isolation from inputs and other outputs.
D	De-rates linearly above 40°C to 0.5A @ 80°C
E	240 V reinforced safety isolation from the supply, inputs and outputs (except SSR Drivers).

Digital Input Behavior:	Open contacts (>5000Ω) or 2 to 24VDC signal = Logic High
	Closed contacts (<50Ω) or -0.6 to +0.8VDC signal = Logic Low

Software & Accessories

Part Number	Item Description	Controller Series	List Price
0149-50060	ChromaWare Configuration Software & Cable - 40 & 50 Series	40/50	40.00
0149-50061	ChromaloxPro Software & Cable - 80 Series	80	260.00
0149-50062	Connection Cable for Software - 40, 50 & 80 Series	40/50/80	50.00
0149-01305	Snubber (PCN 314448)	40/50/80	20.00
0149-50071	Current Transformer for Heater Break Alarm (HBA) - 0 - 25 Amp	6040 with HBA	40.00
0149-50072	Current Transformer for Heater Break Alarm (HBA) - 0 - 50 Amp	6040 with HBA	40.00
0149-50073	Current Transformer for Heater Break Alarm (HBA) - 0 - 100Amp	6040 with HBA	50.00

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60 Series 1/16 DIN Temperature & Process Controller

Model	60 Series 1/16 DIN Temperature and Process Controller	Base Price
6060	Combination 4 Digit 7-Segment & LCD Text Display on two rows, Universal Input, Up to 6 Outputs, up to 4 Digital Inputs (2: Volt-Free Standard, 2: TTL Optional), Auto or Manual Tuning, Heat/Cool Operation, 16 x16 Profile Programs with up to 4 events, Transmitter power supply or Heater Break/ Remote Setpoint, Optional Features: Configuration Software, ModBus RS485 Communications. Operating Temperature: 32° to 140°F (0° to 60°C). IEC IP65 front panel protection, removable screw terminal block. UL/cUL, CE. 2-Year Warranty.	300.00

Code	Base Option	Adder
P	Transmitter Power Supply	nc
H	[1] Heater Current (0-30mA ac) / Remote Setpoint (0/4-20mA dc)	15.00

Code	Output 1	Adder
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
W	Dual SSR Output - Non Isolated, 0/10 VDC, 500 Ω Minimum load	40.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00

Code	Output 2	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
M	Dual Relay Output - 2 Amp 240 VAC, Form A (X 2)	40.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
W	Dual SSR Output - Non Isolated, 0/10 VDC, 500 Ω Minimum load	40.00

Code	Output 3	Adder
0	None	nc
R	Relay (2 Amp resistive at 240 VAC, SPDT, Form C)	25.00
S	SSR (0/10 VDC, 500 Ω Minimum load)	25.00
W	Dual SSR Output - Non Isolated, 0/10 VDC, 500 Ω Minimum load	40.00
A	Analog (Linear DC: 0-20mA, 4-20mA, 0-5V, 0-10V, 2-10V)	35.00
1	RS485 (ModBus/RTU) Digital Comms	60.00

Code	Feature Option A	Adder
0	None	nc
1	RS485 (ModBus/RTU) Digital Comms	60.00
D	Dual Isolated Digital Input (TTL Input)	75.00

Code	Power Supply	Adder
0	100 - 240Vac	nc
1	24VAC, 18-30Vdc	20.00

6060	-	P	W	M	A	0	0	Typical Model Number

Standard lead times are based on Quantity:
15 Days

Prices are List, Schedule A Discount

Order Table Notes

1. If Heater Current Setup, This Requires 1 On/Off Output from above (R, S or T) & 1 Current Transformer.

Accessories

Description	Part Number
Current Transformer for Heater Break Alarm (HBA): 0 - 25 Amp	0149-50071
Current Transformer for Heater Break Alarm (HBA): 0 - 50 Amp	0149-50072
Current Transformer for Heater Break Alarm (HBA): 0 - 100 Amp	0149-50073
ChromaloxPro Configuration Software	0149-50061
Snubber (0149-01305)	314448

Technical Notes

1. Quick Start Manuals are shipped with the Controller. Full Installation & Instruction Manuals are available on line at **www.chromalox.com**

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3204 1/32 DIN Auto Tuning PID Controller

Model			Base Price
3204	1/32 DIN	Compact 1/32 DIN AutoTune PID controller with the following standard features: User selectable inputs (thermocouple, RTD or 0-20, 4-20 mV or mA** linear process inputs), dual outputs for heat, cool and alarm; single ramp & soak program, latching alarm and limit control capabiliy, with user program security levels. Also, NEMA 4X / IEC IP66 front panel; large 4-digit display. Optional features include RS-485 or RS-232 ModBus RTU digital communications. 3 year warranty. Approvals: UL, cUL, CE	180.00

Code	Outputs 1 and 2, Control Output or Alarm	Adder
11*	Two Relay Outputs: Output 1: 2 Amps at 250 VAC. Output 2: 1 Amp at 250 VAC. Both resistive loads	nc
71	Two Outputs: Output 1: Solid State Relay Drive, 5 Vdc, 15mA. Output 2: Relay, 1 Amp at 250 VAC	nc
77	Two Solid State Relay Drive Outputs: 5 Vdc, 15mA (X 2)	nc

Code		Adder
0	Add to complete model number	nc
9	Special Configuration	Consult Sales

Code	Options	Adder
0	None	nc
1	RS-485 ModBus/RTU Digital Communications Interface	45.00
2	RS-232 ModBus/RTU Digital Communications Interface	45.00

Code	Power Supply	Adder
0	90-264 Vac	nc
1	12-24 VDC/AC +/-20%	20.00

3204	-	71	0	0	0	Typical Model Number (3204-71000)

*2 Relay Output Code "11" is not available with the 12-24 VDC/AC Power supply option

** 0-20 mA or 4-20 mA input signal requires 1Ω resistor. See accessories.

In Stock

Model	PCN
3204-11000	305090
3204-71000	305082
3204-77000	305103
3204-71001	305146
3204-77001	305162
3204-11010	305120
3204-71010	305111
3204-77010	305138
3204-11020	305189
3204-71020	305170
3204-77020	305197

Accessories

Description	PCN
Resistor, 1Ω (2% tolerance)	305630

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ETR-3400

Model	Microprocessor based temperature controller with Smarter Logic®	Base Price
ETR-3400	1/32 DIN: Universal field selectable inputs; PID Autotuning; selection of various control outputs; additional analog or event inputs; analog or digital communications	265.00

Code	Power Input	Adder
4	90-264 Vac, 47/63 Hz	nc
5	11-26 Vac or Vdc	22.00

Code	Signal Input	Adder
1	Standard Input	nc

Input 1 - Universal Input Thermocouple J, K, T, E, B, R, S, N
RTD: PT100 DIN, PT100 JIS
Current: 4-20mA, 0-20mA
Voltage: 0-1V, 0-5V. 1-5V, 0-10V

Input 2 - **
CT: 0-50 Amp, AC Current Transformer***
Voltage Input: 0-1V, 0-5V, 1-5V, 0-10V
Event Input (EI)**

Code	Output 1	Adder
1	Relay rated 2A/240Vac	nc
2	Pulsed Volatge to Drive SSR, 5V/30mA	nc
3	Isolated 4 - 20mA / 0-20mA	33.00
4	Isolated 1 - 5 / 0 - 5V*	33.00
5	Isolated 0 - 10Vdc	33.00
6	Triac Output 1A/240Vac, SSR	33.00
C	Pulsed Volatge to Drive SSR, 14V/30mA	33.00

Code	Output2/Alarm 2	Adder
0	None	nc
1	Form A Relay 2A/240Vac	22.00
2	Pulsed Voltage to Drive SSR, 5V/30mA	22.00
3	Isolated 4 - 20mA / 0 - 20mA*	33.00
4	Isolated 1 - 5 / 0 - 5V*	33.00
5	Isolated 0 - 10Vdc	33.00
6	Triac Output 1A/240Vac, SSR	33.00
7	Isolated 20V/25mA DC Output Power Supply	33.00
8	Isolated 12V/40mA DC Output Power Supply	33.00
9	Isolated 5V/80mA Dc Output Power Supply	33.00
C	Pulsed Voltage to Drive SSR, 14V/30mA	33.00

Code	Alarm 1	Adder
5	5V Logic Output	nc

Code	Communications		Adder
0	None		nc
1	RS-485 Interface		120.00
2	RS-232 Interface**		180.00
3	Retransmit	4 - 20mA, 0 - 20mA*	120.00
4	Retransmit	1 - 5V/0 - 5Vdc*	120.00
5	Retransmit	0 - 10Vdc	120.00

ETR-3400-	4	1	1	1	1	1	Typical Model Number	(ETR-3400-411111)

ACCESSORIES

CC94-1	RS-232 Interace Cable (2M)	55.00
CT94-1	Current Transformer for CT Input/Heater Break Option	50.00
SNA10A	Smart Network Adapter for Third Party Software. Converts one channel of RS-485 or RS-422 to RS-232 Network.	265.00

*Range is set by front keyboard
**Alternative between RS-232, Event Input, and CT Input Option includes communications cable
***Order CT94-1 if Heater Break Function is required

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2110 Temperature Controller

Model						Base Price
2110	Microprocessor-based 1/4 DIN temperature controller, Accepts type J or K thermocouple input or RTD					400.00

Code	Output #1 - Single Output Control	Adder
R1	Relay, 1 Amp Form A, 120/240 Vac	41.00
R3	Relay, 20 Amps Form A, 120/240 Vac	51.00
V0	Solid State Relay, Drive 24 Vdc @ 40 mA	41.00
S0	Solid State Relay, 1 Amp, 120/240 Vac	41.00
S1	Solid State Relay, 5 Amps, 120/240 Vac	68.00
S2	Solid State Relay, 10 Amps, 120/240 Vac	96.00

Code	Output #2, Alarm, Output	Adder
0	No Alarm	nc
1	Relay, Form "C", 5 Amp @ 240 Vac, 2.5 Amps @ 120 Vac	29.00

Code		Adder
0	Add to complete model number	nc

Code	Power Supply	Adder
0	90-260 Vac	nc

2110-	R3	1	0	0	Typical Model Number (2110-R3100)	

ACCESSORIES

Part Number	Description	PCN	
0149-27133	R1 1 Amp Relay	317180	60.00
0149-27132	R2 20 Amp relay	317198	70.00
0149-27135	V0 SSR Drive Out	317200	60.00
0149-27134	S0 1 Amp Triac	317219	60.00
0149-27136	S1/S2 5, 10 Amp SSR	317227	125.00
0149-27147	R1 1 Amp Relay + Alarm	317139	80.00
0149-27146	R3 20 Amp Relay + Alarm	317147	90.00
0149-27149	V0 SSR Drive Out + Alarm	317155	80.00
0149-27148	S0 1 Amp Triac + Alarm	317163	80.00
0149-27150	S1/S2 5, 10 Amp SSR + Alarm	317171	150.00
0149-00022	Fan Kit	317235	105.00

In Stock

Model	Description	PCN
2110-R1000	1 Amp Relay	317016
2110-R1100	1 Amp Relay Alarm	317075
2110-R3000	20 Amp Relay	317024
2110-R3100	20 Amp Relay Alarm	317083
2110-V0000	SSR Drive	317032
2110-V0100	SSR Drive Alarm	317091
2110-S2000	10 Amp SSR	317067
2110-S2100	10 Amp SSR Alarm	317120

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1040 DIN Rail Modular Multiple Loop Temperature Controller

Communication Module

Part Number	Communication Platform	List Price
1040 - M B	Modbus RTU/RS485	380.00
1040 - D N	DeviceNET	525.00
1040 - P B	Profibus	580.00
1040 - E P	Ethernet/IP	555.00
1040 - M T	MODBUS TCP/IP	555.00

Loop Control Module

Part Number	Loop Description		List Price
	Inputs	Outputs	
1040 - 1 2 0 0 0 0	1 Universal	2 SSR/Relay (selectable)	285.00
1040 - 1 2 0 0 1 0	1 Universal	2 SSR/Relay (selectable), 1 Linear OR 3 SSR/Relay (selectable)	320.00
1040 - 1 2 0 0 1 1	1 Universal, 1 Heater Break	2 SSR/Relay (selectable), 1 Linear OR 3 SSR/Relay (selectable)	335.00
1040 - 3 0 0 6 0 1	3 Universal, 1 Heater Break	6 Relay	695.00
1040 - 3 0 6 0 0 1	3 Universal, 1 Heater Break	6 SSR	695.00
1040 - 3 0 4 0 0 0	3 Universal, 1 Heater Break	4 SSR, 2 Relay	695.00
1040 - 4 0 0 6 0 0	4 Universal	6 Relay	660.00
1040 - 4 0 6 0 0 0	4 Universal	6 SSR	660.00
1040 - 4 0 4 2 0 0	4 Universal	4 SSR, 2 Relay	660.00

Note: SSR/Relay & 3 SSR/Relay Output Options are User Selectable

Accessories

Part Number	Description	List Price
0149-50082	Configuration Software, Cable & Manual	110.00
0149-50071	Current Transfomer for Heater Break Alarm (HBA) 0 - 25 A	40.00
0149-50072	Current Transfomer for Heater Break Alarm (HBA) 0 - 50 A	40.00
0149-50073	Current Transfomer for Heater Break Alarm (HBA) 0 - 100 A	50.00

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3340 Four Loop Autotuning PID Controller

Model		Base Price
3340	Four Loop Autotuning PID Controller	1,025.00

Code	Input	Adder
1	Thermocouple J, K, R, S, B, E, PLII, N, T, U, L	nc
3	Vdc 0-5, 0-10, 1-5Vdc	nc
4	RTD 100 ΩP/t	nc

Code	Out 1-4 Heat or Cool	Adder
R	Relay 3 amp, 250Vac	nc
V	SSR drive, 12Vdc at 20ma	nc
T	Triac, 0.5 A	190.00
7	0-20ma up to 600 ohms	190.00
8	4-20ma up to 600 ohms	190.00

Code	Out 5-8 Cool or Alarm	Adder
0	no outputs	nc
R	Relay 3 amp, 250Vac	120.00
V	SSR drive, 12Vdc	120.00
T	Triac, 0.5 A	310.00
7	0-20ma up to 600 ohms	310.00
8	4-20ma up to 600 ohms	310.00

Code	Power	Adder
3	24Vac/Vdc	nc
4	100-240Vac	nc

Code	Alarm 1	Adder
1	Relay, 1A, 250Vac	nc

Code	Alarm 2	Adder
0	No alarm	nc
1	Relay, 1A, 250Vac	58.00
2	Heater Break Alarm, 30A, 1 Phase	195.00
3	Heater Break Alarm, 100A, 1 Phase	195.00
4	Heater Break Alarm, 30A, 3 Phase	195.00
5	Heater Break Alarm, 100A, 3 Phase	195.00

Code	Alarm 3	Adder
0	No alarm	nc
1	Relay, 1A, 250Vac	58.00

Code	Contact In	Adder
0	None	nc
1	5 Digital Inputs	58.00

Code	Digital Communications	Adder
0	None	nc
6	RS-485/RS-422 Modbus	215.00
8	RS 232 - MOdbus	215.00

Code	Waterproof	Adder
0	IP65	nc

3340-	1	R	R	4	1	0	0	0	0	0	Typical Model Number	(3340-1RR4100000)

Stock Items	Description	PCN	List Price
3340-1R04100000	4 channel, with 4 Relay, TC	317884	1,025.00

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3380 Eight Loop Autotuning PID Temperature Controller

Model		Base price
3380	Eight Loop Autotuning PID Temperature Controller	1,730.00

Code	Input	Adder
1	Thermocouple J, K, R, S, B, E, PLII, N, T, U, L	nc
3	Vdc 0-5, 0-10, 1-5Vdc	nc
4	RTD, 100 ohm Pit	nc

Code	Control Out 1-4	Adder
R	Relay 3 amp, 250Vac	nc
V	SSR drive, 12Vdc at 20ma	nc
T	Triac, 0.5 A	190.00
7	0-20ma up to 600 ohms	190.00
8	4-20ma up to 600 ohms	190.00

Code	Control Out 5-8	Adder
R	Relay 3 amp, 250Vac	nc
V	SSR drive, 12Vdc at 20ma	nc
T	Triac, 0.5 A	190.00
7	0-20ma up to 600 ohms	190.00
8	4-20ma up to 600 ohms	190.00

Code	Power	Adder
3	24Vac/Vdc	nc
4	100-240Vac	nc

Code	Alarm 1	Adder
1	Relay, 1A, 250Vac	nc

Code	Alarm 2	Adder
0	No alarm	nc
1	Relay, 1A, 250Vac	58.00
2	Heater Break Alarm, 30A, 1 Phase	195.00
3	Heater Break Alarm, 100A, 1 Phase	195.00

Code	Alarm 3	Adder
0	No alarm	nc
1	Relay, 1A, 250Vac	58.00

Code	Contact In	Adder
0	None	nc
1	5 Digital Inputs*	58.00

Code	Digital Communications	Adder
0	None	nc
6	RS-485/RS-422 Modbus*	215.00
8	RS 232 - Modbus*	215.00

Code	Waterproof	Adder
0	IP65	nc

3380-	1	V	V	4	1	1	1	0	0	0	Typical Model Number	(3380-1VV411100)

*Heater Break Alarm and communication/contact input cannot be specified on the same hardware

Stock Items	Description	PCN	List Price
3380-1VV4100000	8 channel, with 8 SSR dr., TC	317825	1,730.00

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2104 Temperature and Process Controller

(Obsoleted product. Limited quantities available.)

Microprocessor-based 1/4 DIN Temp. Controller	Universal Sensor Input
PID, On/Off and Fuzzy Logic Control Capability	16 Segment Ramp/Soak Program
Analog Remote Set Point	24 Vdc Transmitter Power Supply
One Digital Input	UL, cUL

Model		Base Price
2104	Temperature and Process Controller	600.00

Code	Output #1 - Single Output Control	Adder
R0	Relay/SSR Drive (jumper selectable) Relay-N.O. Form A Contact, 1A at 120 or 230 Vac SSR Drive-24 Vdc at 40mA	nc
T0	Triac-1 Amp at 120 or 230 Vac	nc
A0	Analog-4-20mA or 1-5 Vdc, non-isolated	nc
	Outputs #1 and #2 - Heat/Cool Control	
RR	Relay/Relay	
TT	Triac/Triac	62.00
AA	Analog/Analog	62.00
SS	SSR Drive/SSR Drive	62.00
AR	Analog/Relay	62.00
AT	Analog/Triac	62.00
SR	SSR Drive/Relay	62.00
	SSR Drive/Triac (obsolete, replaced by SR code)	62.00

Code	Outputs #3 & #4 or Power Supply	Adder
0	None	nc
1	Dual Relay-Form A Contact, 1A at 120 or 230 Vac with shared common terminal	62.00
7	Isolated Power Supply 12 Vdc, 50mA	111.00

Code	Communications, Output #5 (Alarm/Event) & Analog Output Options	Adder
0	None	nc
1	RS-422/485 Digital Communications and Output #5	160.00
2	RS-232 Digital Communications and Output #5	160.00
3	Analog Output Option	145.00
4	RS-422/485 Digital Communications, Output #5 and Analog Output Option	195.00
5	RS-232 Digital Communications, Output #5 and Analog Output Option	195.00

Code	Power Supply	Adder
0	100 - 240 Vac	nc
1	12-24 Vac/Vdc	90.00

2104 -	R0	1	1	0	Typical Model Number (2104-R0110)

ACCESSORIES

Part Number	Description	PCN	Price
0149-01305	Snubber	314448	20.00
0149-27095	Digital Communications/Output RS-485/422 Auxiliary Board		160.00
0149-27096	Digital Communications/Output RS-232 Auxiliary Board		160.00
CC94-1	RS-232 Interface Cable (2M)		55.00
0149-01333-0002	Housing with Auxiliary Board Connection		150.00
0149-01332-0004	Housing without Auxiliary Board Connection		150.00
0149-27097	Outputs 3 and 4 Alarm / Event Board	306659	118.00
0149-27126	Isolated Power Supply Board 12 Vdc, 50mA		111.00
	Control Output Modules		
0149-27106	Single Output-Relay or Solid State Relay Drive	306624	62.00
0149-27105	Single Output-Triac	306632	62.00
0149-27100	Single or Dual Output - 4-20mA/1-5 Vdc Analog	306640	118.00
0149-27097	Dual Output-Relay and Relay	306659	118.00
0149-27099	Dual Output-Triac and Triac	306667	118.00
0149-27098	Dual Output-SSR Drive and SSR Drive	306675	118.00
0149-27103	Dual Output - 4-20mA/1-5Vdc Analog and Relay	306683	118.00
0149-27104	Dual Output - 4-20mA/1-5Vdc Analog and Triac	306691	118.00
0149-27101	Dual Output-SSR Drive and Relay	306704	118.00
0149-27102	Dual Output-SSR Drive and Triac	306712	118.00

SHIPPING WEIGHT

Shipping weight is approximately 5 pounds (net weight 3 1/2 pounds).

While Supplies Last - Being Replaced By the 4040 & 4080 Series

Model	Description	PCN
2104-A0000	Analog	306579
2104-A0100	Analog, Alarm, Alarm,	306587
2104-R0000	Relay (SSR)	306510
2104-R0100	Relay (SSR), 2-Alarm	306528

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3101 High/Low Limit Controller

(Obsoleted product. Limited quantities available.)

1/4 DIN High/Low Limit Controller
Universal Sensor Input
One Digital Input
One Alarm Output
UL, cUL, FM

Model	Temperature Controller	Base Price
3101	High/Low Limit Controller (see specifications above)	665.00

Code	Limit Output #1	Adder
1	Relay, Form C Contact, 5A @ 120 or 230 Vac	nc

Code	Alarm #1 Output	Adder
1	Relay, Form C Contact, 5A @ 120 or 230 Vac	nc

Code	Analog Process Output Option	Adder
0	None	nc
1	Field Selectable 4-20mA or 1-5Vdc	105.00

Code	Digital Communications and Alarm #2 Options	Adder
0	None	nc
1	RS-422/485 Digital Communications and Alarm #2 Relay-Form C Contact, 5A @ 120 or 230 Vac	150.00
2	RS-232 Digital Communications and Alarm #2 Relay-Form C Contact, 5A @ 120 or 230 Vac	150.00

Code	Power Supply	Adder
0	100-230 Vac	nc

3101-	1	1	1	2	0	Typical Model Number	(3101-11120)

ACCESSORIES

Part Number	Description	PCN	
CC94-1	RS-232 Interface Cable		55.00
0149-01305	Snubber	314448	20.00
0149-27095	Digital Communications/Output RS-485/422		160.00
0149-27096	Digital Communications/Output RS-232		160.00
0149-01333-0002	Housing with Auxiliary Board Connection		150.00
0149-01332-0004	Housing without Auxiliary Board Connection		150.00

SHIPPING WEIGHT

Shipping weight is approximately 5 pounds (net weight approximately 3 1/2 pounds).

Being Replaced By the 4050 Series

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1600 1/16 DIN High/Low Limit Controller

(Obsoleted product. Limited quantities available.)

Field Selectable Universal Thermocouple, RTD, Current, or Voltage Inputs

Output (Limit/Alarm)	4-Digit Display	UL, FM, cUL, CE
Programmable Alarm	IEC 801-4 Noise Immunity	IP65 and NEMA 4X Faceplate

Model		Base Price
1600	1/16 DIN High/Low Controller	375.00

Code	Output 1	Adder
1	Relay, 3 Amps at 250 Vac, Form C Contact	nc

Code	Output 2 Alarm	Adder
0	None	nc
1	Relay, 2 Amps at 250 Vac, Form A Contact	35.00

Code	Options	Adder
0	Add to complete model number	nc
1	RS-485 Digital Communications and Event Input	195.00

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

1600- 1 1 0 3 0 Typical Model Number (1600-11030)

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pounds).

Being Replaced By the 6050 Series

In Stock While Supplies Last

Model	PCN
1600-10030	307475
1600-11030	307483
1600-11050	317745
1600-11130	317972

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1601E 1/16 DIN Temperature Controller

(Obsoleted product. Limited quantities available.)

SMART Self-Tuning
Single 4-Digit Display
Up to Three Outputs
NEMA 4X Faceplate
All Parameters Programmed w/o Internal Switches
IEC Noise Immunity
Universal T/C or RTD Inputs
Programmable Alarms
UL, cUL, CE

Model		Base Price
1601E	1/16 DIN Temperature Controller	340.00

Code	Output 1-Heat or Cool	Adder
1	Relay, 3 Amps at 250 Vac (Resistive)	nc
6	SSR Drive, 14 Vdc at 20 mA	nc

Code	Output 2-Cool or Alarm	Adder
1	Relay, 1 Amp at 250 Vac (Resistive Load)	nc

Code	Options	Adder
0	None	nc
1	Alarm 2 relay SPST, 2A, 250Vac, Resistive Load	29.00
2	Logic Input for Timer Function or Switch SP1/SP2	29.00

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

1601E -	6	1	0	3	0	Typical Model Number	(1601E-61030)

ACCESSORIES

Part Number	Description	PCN	Price
0149-01305	Snubber	314448	20.00
0006-12137	1/4 DIN to 1/16 DIN Mounting Adapter Plate	306923	115.00
CNFG-10000	Configuration Kit	317614	600.00

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pounds).

In Stock While Supplies Last - Being Replaced by the 6040 Series

Model	PCN
1601E-11030	317534
1601E-61030	317542

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1603E 1/16 DIN Temperature Controller

(Obsoleted product. Limited quantities available.)

- SMART Self-Tuning
- Dual 3-Digit Display
- Up to Three Outputs
- NEMA 4X Faceplates
- All Parameters Programmed w/o Internal Switches
- Heat/Cool or Control Alarm
- Universal T/C or RTD Inputs
- Programmable Alarms
- UL, cUL, CE

Model		Base Price
1603E	1/16 DIN Temperature Controller	375.00

Code	Output 1-Heat or Cool	Adder
1	Relay, 3Amps at 250 Vac (Resistive)	nc
6	SSR Drive, 14 Vdc at 20 mA	nc

Code	Output 2-Cool or Alarm	Adder
1	Relay, 1 Amp at 250 Vac (Resistive Load)	nc

Code	Options	Adder
0	None	nc
1	Alarm 2 relay SPST, 2A, 250vac, Resistive Load	29.00
2	Logic Input for Timer Function or Switch SP1/SP2	29.00

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

1603E -	6	1	0	3	0	Typical Model Number (1603E-61030)

ACCESSORIES

Part Number	Description	PCN	Price
0149-01305	Snubber	314448	20.00
0006-12137	1/4 DIN to 1/16 DIN Mounting Adapter Plate	306923	115.00
CNFG-10000	Configuration Kit	317614	600.00

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pound).

In Stock While Supplies Last - Being Replaced by the 6040 Series

Model	PCN
1603E-11030	317577
1603E-61030	317585
1603E-11050	317593
1603E-11130	305947
1603E-61130	305966
1603E-11230	305963

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This pricing supercedes all prior MIPL releases.

1604 1/16 DIN Temperature Controller

(Obsoleted product. Limited quantities available.)

SMART Self-Tuning
Dual 4-Digit Display
Two or Three Outputs
Universal Inputs
UL, cUL, CE
Optional Heater Breakdown Alarm
Optional Digital Communications
Auto/Manual Control
NEMA 4X Faceplate

Model		Base Price
1604	1/16 DIN Temperature Controller	440.00

Code	Output 1-Heat or Cool	Adder
1	Relay, 3 Amps at 240 Vac	nc
6	SSR Drive, 14 Vdc at 20 mA	nc

Code	Output 2-Cool or Alarm	Adder
1	Relay, 2 Amps at 240 Vac	nc

Code	Options	Adder
0	None	nc
1	Output #3, 2 Amps at 250 Vac (Resistive Load)	56.00
2*	Heater Break Down Input and Output #3	110.00
3	RS485 Digital Communications and Output #3	150.00
4*	RS485 Digital Communications, Heater Break Down Input and Output #3	200.00

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

1604-	1	1	0	3	0	Typical Model Number (1604-11030)

ACCESSORIES

Part Number	Description	PCN	Price
0149-01305	Snubber	314448	20.00
0006-12137	1/4 DIN to 1/16 DIN Mounting Adapter Plate	306923	115.00

Heater Break Down Transformers
*Controllers with the Heater break Down option, models 1604-xx2xx and 1604-xx4xx require a Current Transformer.
Specify one of the four Current Transformers listed below when ordering a Controller with the Heater Break Down option.

	Part Number	PCN	Price
Current Transformer, for 0.0-10.0 Amp Load Current	0149-01340	306480	62.00
Current Transformer, for 0-25 Amp Load Current	0149-01341	306350	62.00
Current Transformer, for 0-50 Amp Load Current	0149-01342	306368	62.00
Current Transformer, for 0-100 Amp Load Current	0149-01343	306376	62.00

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pounds).

In Stock While Supplies Last - Being Replaced by the 6040 Series

Model	PCN
1604-11030	306270
1604-61030	306288
1604-11130	306296
1604-61130	306309
1604-11230	306317
1604-61230	306325
1604-61430	306341

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1604mA 1/16 DIN Temperature Controller

(Obsoleted product. Limited quantities available.)

SMART Self-Tuning
Programmable Linear Output
Field Selectable Universal Thermocouple
RTD, Voltage or Current Inputs
Auto/Manual Control
3 Outputs (Heat/Cool or Control/Alarm)
Dual 4-Digital Display Resolution
0.1 Degree Display Resolution
UL, cUL, CE
IP65 and NEMA 4X Splashproof Faceplate
Optional Digital Communications

Model							Base Price
1604	1/16 DIN Temperature Controller						505.00
	Code	**Output 1-Heat, Cool or Process/Setpoint Retransmit**					**Adder**
	7	0-20mA or 4-20ma (programmable), optoisolated					nc
		Code	**Output 2-Heat, Cool or Alarm**				**Adder**
		1	Relay, 2 Amps at 240 Vac				nc
			Code	**Options**			**Adder**
			1	Output #3 relay, 2 Amps at 240 Vac (Resistive Load)			nc
			3	RS485 Digital Communications and Output #3			150.00
				Code	**Power Supply**		**Adder**
				3	100/240 Vac		nc
				5	24 Vac/dc		62.00
					Code		**Adder**
					0	Add to complete model number	nc
1604 -	7	1	1	3	0	Typical Model Number (1604-71130)	

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pounds).

In Stock While Supplies Last - Being Replaced by the 6040 Series

Model	PCN
1604-71130	307491

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1605 Ramp/Soak Temperature Controller

(Obsoleted product. Limited quantities available.)

SMART Self-Tuning

3 Outputs

Auto/Manual Controls, Programmable Alarms

IP65 and NEMA 4X Splashproof Faceplate

Field Selectable Universal Thermocouple, RTD, Voltage or Current Inputs

Programmable 4-Segment Ramp/Soak Profile

Dual 4-Digit Display of Process and Setpoint

0.1 Degree Display Resolution

CE, UL, cUL

Model		Base Price
1605	1/16 DIN Temperature Controller	510.00

Code	Output 1 - Heat or Cool	Adder
1	Relay, 3 Amps at 240 Vac	nc
6	SSR Drive, 14 Vdc at 20mA	nc

Code	Output 2 - Alarm	Adder
1	Relay, 2 Amps at 240 Vac	nc

Code	Output 3 - Alarm	Adder
1	Relay, 2 Amps at 250 Vac	nc

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

1605 -	1	1	1	3	0	Typical Model Number (1605-11130)

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds (net weight less than 1/2 pound).

In Stock While Supplies Last - Being Replaced by the 6040 Series

Model	PCN
1605-11130	307504
1605-61030	307512

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8003 1/8 DIN Temperature Controller

(Obsoleted product. Limited quantities available.)

SMART Self-Tuning
Dual 3-Digit Display
Two Outputs
Heat/Cool or Control/Alarm
Universal T/C or RTD Inputs
Programmable Alarms

Model		Base Price
8003	1/8 Din Temperature Controller	585.00

Code	Output 1-Heat or Cool	Adder
1	Relay, 3 Amps at 250 Vac (Resistive) or SSR Drive, 14 Vdc at 20mA, Jumper Selectable	nc

Code	Output 2-Cool or Alarm	Adder
1	Relay, 1 Amp at 250 Vac, (Resistive Load) or SSR Drive, 14V at 20mA, Jumper Selectable	nc

Code	Options	Adder
0	None	nc
1	Alarm #2, 2 Amps at 250 Vac (Resistive Load)	56.00

Code	Power Supply	Adder
3	100/240 Vac	nc
5	24 Vac/dc	62.00

Code		Adder
0	Add to complete model number	nc

8003-	1	1	1	3	0	Typical Model Number	(8003-11130)

ACCESSORIES

Part Number	Description	PCN	Price
0149-01305	Snubber	314448	20.00
0006-12136	1/4 DIN to 1/8 DIN Adapter Plate	306931	185.00

SHIPPING WEIGHT

Shipping weight is approximately 2 pounds.

Being Replaced By the 8040 Series
In Stock

Model	PCN
8003-11030	306202
8003-11130	306210

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ECR1 Electronic Chart Recorder

Model	ECR1 Electronic Chart Recorder Basic Configuration
ECR1	

Code	Power	Base Price
4	90-250 VAC, 47-63 Hz	nc
6	11-18Vdc	nc
7	18-36Vdc	nc

Code	Analog Input Card	Adder
3	3 Channels (1 Card*)	2,340.00
6	6 Channels (2 Cards*)	2,540.00
A	9 Channels (3 Cards*)	2,840.00
B	12 Channels (4 Cards*)	3,160.00
C	15 Channels (5 Cards*)	3,460.00
D	18 Channels (6 Cards*)	3,710.00

Code	Digital Input Card	Adder
0	None	nc
1	6 Channels (1 Card*)	255.00
2	12 Channels (2 Cards*)	510.00

Code	Digital Output Card	Adder
0	None	nc
1	6 Relays (1 Card*)	255.00
2	12 Relays (2 Cards*)	510.00

Code	Communications	Adder
0	Standard Ethernet Interface	nc
1	RS-232/422/485 (three in one)* Ethernet interface	230.00

Code	PC Software	Adder
1	Free Basic Observer I for non-communication application	nc
2	Extensive Observer II for communication via RS-232/422/485 or Ethernet	255.00

Code	Firmware	Adder
0	Basic Function	nc
1	With Mathematics, Counter and Totalizer Functions	375.00

Code	Storage Media	Adder
1	500 MB Compact Flash Card (CF)	125.00
4	1 GB Compact Flash Card (CF)	200.00

Code	Case/Mounting	Adder
1	Standard Panel Mount	nc
2	Bench Top/Portable Style with Handle	220.00

Code	Special Option	Adder
0	None	nc
1	24Vdc Auxiliary Power Supply (for Transmitter, 6 Channels)	250.00

ECR1 –	4	A	0	0	0	1	0	1	1	0	Typical Model Number (ECR1-4A00010110)

*Standard model without options, ECR1-4A00010110

*The rear slots of the recorder will only accept up to 6 cards in any combination.

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CX224 12 Channel Temperature Monitor

Model					Price
CX224	12 Channel Temperature Monitor				4,050.00
	Code	**Input Voltage**			
	A	120/240 Vac, 50/60 Hz			nc
		Code	**Output**		
		1	Relays (10A, 250 Vac)		nc
		2	Logic (5 Vdc)		nc
			Code	**Communications**	
			A	RS-232	nc
			B	RS-485	nc
CX224-	A	1	A	Typical Model Number (CX224-A1A)	

Stocked Models:

	PCN	List Price
CX224-A1A, 12 Channel, Relay, RS-232	309913	4,050.00
CX224-A1B, 12 Channel, Relay, RS-485	309921	4,050.00

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ChromaSoft™ SpecView®

Model

Soft — ChromaSoft™ SpecView®

Code	Configuration & Historical Replay Option	Base Price
MO	Multiple Instruments	2,200.00
MH	Multiple Instruments with Historical Replay	3,020.00

Code	Communications Options	Adder
0	Single Communications Port	nc
P	Multi-Port Option (Up to 9 Communications Ports)	760.00

Code	Strategy Controller Option	Adder
0	None	nc
S	Strategy Controller Option	760.00

Code	Dynamic Data Exchange	Adder
0	None	nc
D	Dynamic Data Exchange Option	760.00

Code	Remote Computer Option	Adder
00	None	nc

Code	Special Driver	Adder
0	None	nc
P	Driver for Model 2120 Ramp/Soak Controller	910.00

SOFT-	MH	0	0	0	–	00	0	Typical Model Number (SOFT-MH000-000)

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To order specify number of simultaneous users. If 01 is ordered, only one additional computer can be connected at a time, although multiple computers can have access.

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MiniMax™ 1 Single Phase Zero Cross

Model — **Base Price**

Mmax 1 — Single Phase SCR Power Controller Complete with Lugs and I^2T Fusing[1,2]

Code	Control Configuration	Adder
1	On/Off Standard (Accepts: 120Vac, 240Vac, 5-32Vdc, Dry Contact Closure)	160.00
2	On/Off Standard with Shorted SCR Detection	285.00
3	Proportional Control, DOT Firing (Accepts: 4-20mA, 1-5Vdc, 0-5Vdc, 0-10Vdc)	315.00
4	Proportional Control, DOT Firing with Shorted SCR Detection	450.00

Code	Current @ 50°C (122°F) Ambient	Adder
01	30 Amp	995.00
02	50 Amp	1,040.00
03	75 Amp	1,080.00

Code	Line Voltage	Adder
1	120 - 480 Vac	nc
2	575/600 Vac[2]	130.00

Code	Instrument Power	Adder
1	120 Vac 50/60 Hz	nc

Code	Remote Manual Adjust/Auto Manual Switch	Adder
0	None	nc
1	Pot with 0-100% dial and local/Remote Switch, Single Turn 1K ohm Potentiometer (Proportional Control Only)	92.00

Mmax1 -	3	01	1	1	0	Typical Model Number (Mmax1-301110)

Notes:
[1]SCR Fusing is for semiconductor protection only, not wire protection.
[2]575/600 Volt fusing supplied loose for customer mounting

ACCESSORIES

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In Proportional Board	295.00
0135-28094	On / Off Main Firing Card	635.00
0135-28132	Trigger Board	295.00
	SCRs 480 Vac	
0002-47560	480 Vac SCR 30/50/75 Amp Units	103.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 30/50/75 Amp Units	115.00
0029-00700	Thermstrate Material for SCR Installation	5.00
	I^2t Fuses for 500 Vac applications	
0024-03015	Fuse 500 Vac 30 Amp Unit	38.00
0024-03085	Fuse 500 Vac 50 Amp Unit	43.00
0024-03072	Fuse 500 Vac 75 Amp Unit	43.00
	I^2t Fuses for 575 Vac 30 Amp Unit	
0021-03033	Fuse 575 Vac 30 Amp Unit	49.00
0024-03137	Fuse 575 Vac 50 Amp Unit	57.00
0024-03139	Fuse 575 Vac 75 Amp Unit	149.00
	Filters for CE Applications	
0005-60055	EMI Line Filter for Load Power	57.00
0005-60057	EMI Line Filter for Control Power	200.00

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MiniMax™ 1P Single Phase, Phase Angle Fired SCR

Model						Base Price
Mmax1P	Single Phase SCR Power Controller Complete with Lugs and I^2T Fusing[1,2]					
	Code	**Control Configuration**				**Adder**
	1	Phase Angle Control (Accepts: 1-5/0-5mA, 4-20/0-20mA, 10-50/0-50mA, 0-5/0-10Vdc)				160.00
	2	Phase Angle Control with Current Limit				285.00
		Code	**Current @ 50°C (122°F) Ambient**			**Adder**
		01	30 Amp			995.00
		02	50 Amp			1,040.00
		03	75 Amp			1,080.00
			Code	**Line Voltage**		**Adder**
			1	120 Vac		nc
			2	208 Vac		nc
			3	240 Vac		nc
			4	277 Vac		nc
			5	480 Vac		nc
			6	575/600 Vac[2]		130.00
				Code	**Remote Manual Adjust/Auto Manual Switch**	**Adder**
				0	None	nc
				1	Pot with 0-100% dial and local/Remote Switch, Single Turn 1K ohm Potentiometer	92.00
Mmax1P -	1	01	1	0	Typical Model Number (Mmax1P-10110)	

Notes:
[1]SCR Fusing is for semiconductor protection only, not wire protection.
[2]575/600 Volt fusing supplied loose for customer mounting.

ACCESSORIES

Part Number	Description	Price
	Circuit Boards	
0135-28002	Control Board 120, 240 Vac	735.00
0135-28006	Control Board 208, 277, 480 Vac	735.00
0135-28037	Control Board 380 Vac	735.00
	SCRs 480 Vac	
0002-47560	480 Vac SCR 30/50/75 Amp	103.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 30/50/75 Amp	115.00
0029-00700	Thermstrate Material for SCR Installation	5.00
	I^2t Fuses for 500 Vac applications	
0021-03015	Fuse 500 Vac 30 Amp Unit	38.00
0024-03085	Fuse 500 Vac 50 Amp Unit	43.00
0024-03072	Fuse 500 Vac 75 Amp Unit	43.00
	I^2t Fuses for 575 Vac applications	
0024-03033	Fuse 575 Vac 30 Amp Unit	49.00
0024-03137	Fuse 575 vac 50 Amp Unit	57.00
0024-03139	Fuse 575 Vac 75 Amp Unit	149.00

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MiniMax™ 2 Three Phase 2-Leg

Model — **Base Price**

Mmax2 — Three Phase SCR Power Controller Complete with Lugs and I^2T Fusing[1,2]

Code	Control Configuration	Adder
1	On/Off Standard (Accepts: 120Vac, 240Vac, 5-32Vdc, Dry Contact Closure)	155.00
2	On/Off Standard with Shorted SCR Detection	285.00
3	Proportional Control, DOT Firing (Accepts: 4-20mA, 1-5Vdc, 0-5Vdc, 0-10Vdc)	315.00
4	Proportional Control, DOT Firing with Shorted SCR Detection	450.00

Code	Current @ 50°C (122°F) Ambient	Adder
01	30 Amp	1,000.00
02	50 Amp	1,220.00
03	75 Amp	1,340.00

Code	Line Voltage	Adder
1	120 - 480 Vac	nc
2	575/600 Vac[2]	180.00

Code	Instrument Power	Adder
1	120 Vac 50/60 Hz	nc

Code	Remote Manual Adjust/Auto Manual Switch	
0	None	nc
1	Pot with 0-100% dial and local/Remote Switch, Single Turn 1K ohm Potentiometer (Proportional Control Only)	92.00

Mmax2 -	3	01	1	1	0	Typical Model Number (Mmax2-301110)

Notes:

[1]SCR Fusing is for semiconductor protection only, not wire protection.

[2]575/600 Volt fusing supplied loose for customer mounting

ACCESSORIES

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In-Proportional Board	295.00
0135-28094	On / Off Main Firing Card	635.00
0135-28132	Trigger Board	295.00
	SCRs 480 Vac	
0002-47560	480 Vac SCR 30/50/75 Amp Units	103.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 30/50/75 Amp Units	115.00
0029-00700	Thermstrate Material for SCR Installation	5.00
	I^2t Fuses for 500 Vac applications	
0024-03015	Fuse 500 Vac 30 Amp Unit	38.00
0024-03085	Fuse 500 Vac 50 Amp Unit	43.00
0024-03072	Fuse 500 Vac 75 Amp Unit	43.00
	I^2t Fuses for 575 Vac applications	
0024-03033	Fuse 575 Vac 30 Amp Unit	49.00
0024-03137	Fuse 575 Vac 50 Amp Unit	57.00
0024-03139	Fuse 575 Vac 75 Amp Unit	149.00
	Filters for CE Applications	
0005-60056	EMI Line Filter for Load Power	86.00
0005-60057	EMI Line Filter for Control Power	200.00

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MiniMax™ 3 Three Phase 3-Leg

Model							Base Price
Mmax3	Three Phase SCR Power Controller Complete with Lugs and I^2T Fusing[1,2]						
	Code	**Control Configuration**					**Adder**
	1	On/Off Standard (Accepts: 120Vac, 240Vac, 5-32Vdc, Dry Contact Closure)					155.00
	2	On/Off Standard with Shorted SCR Detection					285.00
	3	Proportional Control, DOT Firing (Accepts: 4-20mA, 1-5Vdc, 0-5Vdc, 0-10Vdc)					315.00
	4	Proportional Control, DOT Firing with Shorted SCR Detection					450.00
		Code	**Current @ 50°C (122°F) Ambient**				**Adder**
		01	30 Amp				1,770.00
		02	50 Amp				1,870.00
		03	75 Amp				1,960.00
			Code	**Line Voltage**			**Adder**
			1	120 - 480 Vac			nc
			2	575/600 Vac[2]			230.00
				Code	**Instrument Power**		**Adder**
				1	120 Vac 50/60 Hz		nc
					Code	**Remote Manual Adjust/Auto Manual Switch**	**Adder**
					0	None	nc
					1	Pot with 0-100% dial and local/Remote Switch, Single Turn 1K ohm Potentiometer (Proportional Control Only)	92.00
Mmax3 -	3	01	1	1	0	Typical Model Number (Mmax3-301110)	

Notes:

[1]SCR Fusing is for semiconductor protection only, not wire protection.

[2]575/600 Volt fusing supplied loose for customer mounting.

ACCESSORIES

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In Proportional Board	295.00
0135-28094	On / Off Main Firing Board	635.00
0135-28132	Trigger Board	295.00
	SCRs 480 Vac	
0002-47560	480 Vac SCR 30/50/75 Amp Units	103.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 30/50/75 Amp Units	115.00
0029-00700	Thermstrate Material for SCR Installation	5.00
	I^2t Fuses for 500 Vac applications	
0024-03015	Fuse 500 Vac 30 Amp Unit	38.00
0024-03085	Fuse 500 Vac 50 Amp Unit	43.00
0024-03072	Fuse 500 Vac 75 Amp Unit	43.00
	I^2t Fuses for 575 Vac applications	
0024-03033	Fuse 575 Vac 30 Amp Units	49.00
0024-03137	Fuse 575 Vac 50 Amp Units	57.00
0024-03139	Fuse 575 Vac 75 Amp Units	149.00
	Filters for CE Applications	
0005-60056	EMI Line Filter for Load Power	86.00
0005-60057	EMI Line Filter for Control Power	198.00

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MaxPac™ I Single Phase Zero-Cross Firing SCR Power Pak

MXPC I — Single Phase SCR Power Pack

Code	Control Configuration	Base Price
1	On/Off Standard (Accepts: 120Vac, 240Vac, 5-32Vdc, Dry Contact Closure)	nc
2	On/Off Control with Shorted SCR Detection	150.00
3	Proportional Control, DOT Firing (Accepts: 4-20 mA, 1-5 Vdc, 0-5 Vdc, 0-10 Vdc)	180.00
4	Proportional Control, DOT Firing with Shorted SCR Detection	320.00

Code	Current @ 50°C (122°F)		Adder
01	100 Amp	Open Design	1,340.00
02	100 Amp	Touch Safe Design	1,590.00
03	150 Amp	Open Design	1,650.00
04	150 Amp	Touch Safe Design	2,020.00
05	200 Amp	Open Design	1,770.00
06	200 Amp	Touch Safe Design	2,140.00
07	300 Amp	Open Design	1,890.00
08	300 Amp	Touch Safe Design	2,220.00
09	400 Amp	Open Design	2,780.00
10	400 Amp	Touch Safe Design	3,460.00
11	550 Amp	Open Design	2,830.00
12	550 Amp	Touch Safe Design	3,640.00
13	650 Amp	Open Design	3,030.00
14	650 Amp	Touch Safe Design	3,770.00
15	800 Amp	Open Design	5,530.00
16	1000 Amp	Open Design	6,200.00
17	1200 Amp	Open Design	6,550.00

Code	Line Voltage	Adder
1	120 Vac - 480Vac	nc
2	575/600 Vac	130.00

Code	Instrument Power	Adder
1	120 Vac 50/60 Hz	nc
2	230 Vac 50/60 Hz	nc

Code	**Compression Lug Kits** (Open Design up to 300 Amps) For Other Ranges See Crimp Lug Chart	Adder
L0	None (Select for all Touch Safe Designs and for over 300 Amp Open Design)	nc
L1	100 - 150 Amp Pak 1(#2 - 4/0)/connection	38.00
L2	200 - 300 Amp Pak 1(1/0 - 500mcm)/connection	86.00

Code	**Fusing Option** (500 V Fuses for < 500 Vac Applications Select One)	Adder
F00	None	nc
F01	100 - 150 Amp Pak (200 Amp Fuse)	25.00
F02	200 Amp Pak (250 Amp Fuse)	33.00
F03	300 Amp Pak (400 Amp Fuse)	38.00
F04	400 Amp Pak (500 Amp Fuse)	43.00
F05	550 Amp Pak (700 Amp Fuse)	57.00
F06	650 Amp Pak (800 Amp Fuse)	62.00
F07	800 Amp Pak (1000 Amp Fuse)	103.00
F08	1000 Amp Pak (1200 Amp Fuses)	140.00
F09	1200 Amp Pak (Two 1000 Amp Fuses)	260.00
	(700 V Fuses for 575/600 V Applications, Select One)	
F10	100 Amp Pak (125 Amp Fuse)	62.00
F11	150 Amp Pak (175 Amp Fuse)	62.00
F12	200 Amp Pak (250 Amp Fuse)	62.00
F13	300 Amp Pak (400 Amp Fuse)	97.00
F14	400 Amp Pak (500 Amp Fuse)	195.00
F15	550 Amp Pak (700 Amp Fuse)	230.00
F16	650 Amp Pak (800 Amp Fuse)	230.00
F17	800 Amp Pak (1000 Amp Fuse)	300.00
F18	1000 Amp Pak (1200 Amp Fuse)	520.00
F19	1200 Amp Pak (Two 1000 Amp Fuses)	575.00

Code	Remote Manual Adjust/Auto Manual Switch	Adder
0	None	nc
1	Pot with 0 - 100% Dial and Local/Remote Single Turn 1K Potentiometer (Proportional Control Only) (Supplied loose for customer mounting)	92.00

MXPC I -	3	03	1	1	L1	F01	1	Typical Model Number (MXPC-20311L1F011)

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MaxPac™ I Accessories

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In Proportional Board	295.00
0135-28094	On / Off Main Firing Card	635.00
0135-28132	Trigger Board (100-150 Amp Units)	295.00
0135-28133	Trigger Board (200-650 Amp Units)	295.00
	Trigger Board (800-1200 Amp Units)	
	SCRs 480 Vac	
0002-47560	480 Vac SCR 100-150 Amp Units	103.00
0002-47559	480 Vac SCR 200 Amp Units	305.00
0002-47537	480 Vac SCR 300-400 Amp Units	485.00
0002-47557	480 Vac SCR 550-650 Amp Units	665.00
0002-47566	Trigger Board (800-1200 Amp Units)	945.00
	SCRs 575/600 Vac	
0002-47561	575/600 Vac SCR 100-150 Amp Units	115.00
0002-47562	575/600 Vac SCR 200 Amp Unit	315.00
0002-47563	575/600 Vac SCR 300-500 Amp Units	545.00
0002-47557	575/600 Vac SCR 550-650 Amp Units	665.00
	575/600 Vac SCR 800/1000/1200 Amp Units	
0029-00700	Thermstrate 100-150 Amp SCR Units	5.00
0029-00822	Thermstrate 200 Amp SCR Unit	5.00
0029-00719	Thermstrate 300-400 Amp SCR Units	5.00
0029-00814	Thermstrate 550-650 Amp SCR Units	5.00
	I^2t Fuses for 500 Vac Applications	
0024-07634	Fuse 500 Vac 200 Amp (100-150 Amp Pak)	57.00
0024-07630	Fuse 500 Vac 250 Amp (200 Amp Pak)	80.00
0024-07632	Fuse 500 Vac 400 Amp (300 Amp Pak)	80.00
0024-03116	Fuse 500 Vac 500 Amp (400 Amp Pak)	97.00
0024-07633	Fuse 500 Vac 700 Amp (550 Amp Pak)	165.00
0024-03118	Fuse 500 Vac 800 Amp (650 Amp Pak)	170.00
0024-03200	Fuse 500 Vac 1000 Amp (800 Amp Pak)	600.00
0024-07623	Fuse 500 Vac 1200 Amp (1000 Amp Pak)	530.00
0024-03200	2 x Fuse 500 Vac 1000 Amp (1200 Amp Pak)	1,190.00
	I^2t Fuses for 575 Vac Applications	
0024-07644	Fuse 575 Vac 125 Amp (100 Amp)	190.00
0024-07645	Fuse 575 Vac 175 Amp (150 Amp Pak)	190.00
0024-07636	Fuse 575 Vac 250 Amp (200 Amp Pak)	305.00
0024-07637	Fuse 575 Vac 400 Amp (300 Amp Pak)	305.00
0024-07638	Fuse 575 Vac 500 Amp (400 Amp Pak)	405.00
0024-07639	Fuse 575 Vac 700 Amp (550 Amp Pak)	500.00
0024-07640	Fuse 575 Vac 800 Amp (650 Amp Pak)	500.00
0024-07646	Fuse 575 Vac 1000 Amp (800 Amp Pak)	645.00
0024-01191	Fuse 575 Vac 1200 Amp (1000 Amp Pak)	875.00
0024-07646	2 x Fuse 575 Vac 1000 Amp (1200 Amp Pak)	1,280.00
	Filters for CE Applications	
0005-60055	EMI Line Filter for Load Power	57.00
0005-60057	EMI Line Filter for Control Power	200.00

Crimp Lug Chart

For Open Design 400 - 1200 Amp and all Touch Safe Models

Chromalox #	Panduit #	Conductor Size	Price
0135-10002	LCD8-14A-L	#8 AWG	18.00
0135-10003	LCD6-14A-L	#6 AWG or #6 Weld	18.00
0135-10004	LCD4-14A-L	#4 AWG or #6 Weld	18.00
0135-10005	LCD2-56B-Q	#2 AWG	23.00
0135-10006	LCD1-56C-E	#1 AWG or #2 Weld	23.00
0135-10007	LCD1/0-12-X	#1/0 AWG or #1 Weld	23.00
0135-10008	LCD2/0-12-X	#2/0 AWG or #1/0 Weld	31.00
0135-10009	LCD3/0-12-X	#3/0 AWG or #2/0 Weld	31.00
0135-10010	LCD4/0-12-X	#4/0 AWG or #3/0 Weld	36.00
0135-10011	LCD250-12-X	250 MCM or #4/0 Weld	41.00
0135-10012	LCD300-12-X	300 MCM	46.00
0135-10013	LCD350-12-6	350 MCM	46.00
0135-10014	LCD400-12-6	400 MCM	59.00
0135-10015	LCD500-12-6	500 MCM	69.00

Single Phase design requires 1 Crimp Lug/Circuit.

Crimp Lug size depends on customer selected wire size.

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MaxPac™ IP Single Phase, Phase Angle Fired SCR Power Pak

MXPC IP — Single Phase SCR Power Pak

Code	Control Configuration	Base Price
1	Phase Angle Control (Accepts: 0-5mA, 0-20mA, 0-50mA, 1-5mA, 4-20mA, 10-50mA, 0-5Vdc, 0-10Vdc)	150.00
2	Phase Angle Control with Current Limit	275.00

Code	Current @ 50°C (122°F)		Adder
01	100 Amp	Open Design	1,360.00
02	100 Amp	Touch Safe Design	1,680.00
03	150 Amp	Open Design	1,740.00
04	150 Amp	Touch Safe Design	2,080.00
05	200 Amp	Open Design	1,800.00
06	200 Amp	Touch Safe Design	2,330.00
07	300 Amp	Open Design	2,390.00
08	300 Amp	Touch Safe Design	2,470.00
09	400 Amp	Open Design	2,900.00
10	400 Amp	Touch Safe Design	3,520.00
11	500 Amp	Open Design	3,770.00
12	500 Amp	Touch Safe Design	3,900.00
13	650 Amp	Open Design	4,020.00
14	650 Amp	Touch Safe Design	4,400.00
15	800 Amp	Open Design	5,940.00
16	1000 Amp	Open Design	7,020.00
17	1200 Amp	Open Design	7,370.00

Code	Voltage	Adder
1	120 Vac	nc
2	208 Vac	nc
3	240 Vac	nc
4	277 Vac	nc
5	480 Vac	nc
6	575/600 Vac	130.00

Code	Fan Power	Adder
1	120 Vac 50/60 Hz	nc
2	230 Vac 50/60 Hz	nc

Code	**Compression Lug Kits** (Open Design up to 300 Amps) For Other Ranges See Crimp Lug Chart	Adder
L0	None (Select for all Touch Safe Designs and for over 300 Amp Open Design)	nc
L1	100-150 Amp Pak 1(#2 - 4/0)/connection	38.00
L2	200 - 300 Amp Pak 1(1/0 - 500mcm)/connection	86.00

Code	Fusing Option For < 500 Vac Applications, Select One	Adder
F00	None	nc
F01	100 - 150 Amp Pak (200 Amp Fuse)	25.00
F02	200 Amp Pak (250 Amp Fuse)	33.00
F03	300 Amp Pak (400 Amp Fuse)	38.00
F04	400 Amp Pak (500 Amp Fuse)	43.00
F05	550 Amp Pak (700 Amp Fuse)	57.00
F06	650 Amp Pak (800 Amp Fuse)	62.00
F07	800 Amp Pak (1000 Amp Fuse)	103.00
F08	1000 Amp Pak (1200 Amp Fuses)	140.00
F09	1200 Amp Pak (Two 1000 Amp Fuses)	260.00
	(700 V Fuses for 575 V Applications, Select One)	
F10	100 Amp Pak (125 Amp Fuse)	62.00
F11	150 Amp Pak (175 Amp Fuse)	62.00
F12	200 Amp Pak (250 Amp Fuse)	62.00
F13	300 Amp Pak (400 Amp Fuse)	97.00
F14	400 Amp Pak (500 Amp Fuse)	195.00
F15	550 Amp Pak (700 Amp Fuse)	230.00
F16	650 Amp Pak (800 Amp Fuse)	230.00
F17	800 Amp Pak (1000 Amp Fuse)	300.00
F18	1000 Amp Pak (1200 Amp Fuse)	520.00
F19	1200 Amp Pak (Two 1000 Amp Fuses)	575.00

Code	Remote Manual Adjust/Auto Manual Switch	Adder
0	None	nc
1	Pot w/ 0 - 100% Dial Single Turn 1K Potentiometer (Supplied loose for customer mounting)	92.00

MXPC IP -	2	03	1	1	L1	F01	1	Typical Model Number (MXPCIP-20311L1F011)

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MaxPac™ II Three Phase 2-Leg Zero-Cross Firing SCR Power Pak

MXPC II — Three Phase 2-Leg Zero-Cross Firing SCR Power Pack

Code	Control Configuration	Base Price
1	On/Off Standard (Accepts: 120Vac, 240 Vac, 5-32Vdc, Dry Contact Closure)	nc
2	On/Off Control with Shorted SCR Detection	150.00
3	Proportional Control, DOT Firing (Accepts: 4-20 mA, 1-5 Vdc, 0-5 Vdc, 0-10 Vdc)	180.00
4	Proportional Control, DOT Firing with Shorted SCR Detection	320.00

Code	Current @ 50°C (122°F)		Adder
01	100 Amp	Open Design	1,840.00
02	100 Amp	Touch Safe Design	2,330.00
03	150 Amp	Open Design	2,520.00
04	150 Amp	Touch Safe Design	3,030.00
05	200 Amp	Open Design	2,780.00
06	200 Amp	Touch Safe Design	3,400.00
07	300 Amp	Open Design	3,520.00
08	300 Amp	Touch Safe Design	3,900.00
09	400 Amp	Open Design	5,280.00
10	400Amp	Touch Safe Design	5,970.00
11	550 Amp	Open Design	6,170.00
12	550 Amp	Touch Safe Design	6,660.00
13	650 Amp	Open Design	6,800.00
14	650 Amp	Touch Safe Design	7,440.00
15	800 Amp	Open Design	10,040.00
16	1000 Amp	Open Design	10,725.00
17	1200 Amp	Open Design	12,575.00

Code	Line Voltage	Adder
1	120 Vac - 480Vac	nc
2	575/600 Vac	180.00

Code	Instrument Power	Adder
1	120 Vac 50/60 Hz	nc
2	230 Vac 50/60 Hz	nc

Code	**Compression Lug Kits** (Open Design up to 300 Amps) For Other Ranges See Crimp Lug Chart	Adder
L0	None (Select for all Touch Safe Design and for over 300 Amp Open Design)	nc
L1	100 - 150 Amp Pak 1(#2 - 4/0)/connection	82.00
L2	200 - 300 Amp Pak 1(1/0 - 500mcm)/connection	180.00

Code	**Fusing Option** (500 V Fuses for < 500 Vac Applications, Select One)	Adder
F00	None	nc
F01	100 - 150 Amp Pak (200 Amp Fuse)	91.00
F02	200 Amp Pak (250 Amp Fuse)	125.00
F03	300 Amp Pak (400 Amp Fuse)	125.00
F04	400 Amp Pak (500 Amp Fuse)	175.00
F05	550 Amp Pak (700 Amp Fuse)	175.00
F06	650 Amp Pak (800 Amp Fuse)	305.00
F07	800 Amp Pak (1000 Amp Fuse)	575.00
F08	1000 Amp Pak (1200 Amp Fuses)	575.00
F09	1200 Amp Pak (Two 1000 Amp Fuses)	1,120.00
	(700 V Fuses for 575 V Applications, Select One)	
F10	100 Amp Pak (125 Amp Fuse)	140.00
F11	150 Amp Pak (175 Amp Fuse)	140.00
F12	200 Amp Pak (250 Amp Fuse)	140.00
F13	300 Amp Pak (400 Amp Fuse)	210.00
F14	400 Amp Pak (500 Amp Fuse)	380.00
F15	550 Amp Pak (700 Amp Fuse)	460.00
F16	650 Amp Pak (800 Amp Fuse)	460.00
F17	800 Amp Pak (1000 Amp Fuse)	590.00
F18	1000 Amp Pak (1200 Amp Fuse)	1,025.00
F19	1200 Amp Pak (Two 1000 Amp Fuses)	1,160.00

Code	Remote Manual Adjust/Auto Manual Switch	Adder
0	None	nc
1	Pot with 0 - 100% Dial and Local/Remote Single Turn 1K Potentiometer (Proportional Control Only) (Supplied loose for customer mounting)	92.00

MXPC II -	3	03	1	1	L1	F01	1

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MaxPac™ II Accessories

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In Proportional Board	295.00
0135-28094	On / Off Main Firing Card	635.00
0135-28132	Trigger Board (100-150 Amp Units)	295.00
0135-28133	Trigger Board (200-650 Amp Units)	295.00
	Trigger Board (800-1200 Amp Units)	
	SCRs 480 Vac	
0002-47560	480 Vac SCR 100-150 Amp Units	103.00
0002-47559	480 Vac SCR 200 Amp Units	305.00
0002-47537	480 Vac SCR 300-400 Amp Units	485.00
0002-47557	480 Vac SCR 550-650 Amp Units	665.00
0002-47566	480 Vac SCR 800/1000/1200 Amp Units	945.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 100-150 Amp Units	115.00
0002-47562	575 Vac SCR 200 Amp Units	315.00
0002-47563	575 Vac SCR 300-500 Amp Units	545.00
0002-47557	575 Vac SCR 550-650 Amp Units	665.00
	575 Vac SCR 800/1000/1200 Amp Units	
0029-00700	Thermstrate 100-150 Amp SCR Units	5.00
0029-00822	Thermstrate 200 Amp SCR Units	5.00
0029-00719	Thermstrate 300-400 Amp SCR Units	5.00
0029-00814	Thermstrate 550-650 Amp SCR Units	5.00
	I^2t Fuses for 500 Vac Applications	
0024-07634	Fuse 500 Vac 200 Amp (100-150 Amp Pak)	57.00
0024-07630	Fuse 500 Vac 250 Amp (200 Amp Pak)	80.00
0024-07632	Fuse 500 Vac 400 Amp (300 Amp Pak)	80.00
0024-03116	Fuse 500 Vac 500 Amp (400 Amp Pak)	97.00
0024-07633	Fuse 500 Vac 700 Amp (550 Amp Pak)	165.00
0024-03118	Fuse 500 Vac 800 Amp (650 Amp Pak)	170.00
0024-03200	Fuse 500 Vac 1000 Amp (800 Amp Pak)	600.00
0024-07623	Fuse 500 Vac 1200 Amp (1000 Amp Pak)	530.00
0024-03200	2 x Fuse 500 Vac 1000 Amp (1200 Amp Pak)	1,190.00
	I^2t Fuses for 575 Vac Applications	
0024-07644	Fuse 575 Vac 125 Amp (100 Amp Pak)	190.00
0024-07645	Fuse 575 Vac 175 Amp (150 Amp Pak)	190.00
0024-07636	Fuse 575 Vac 250 Amp (200 Amp Pak)	305.00
0024-07637	Fuse 575 Vac 400 Amp (300 Amp Pak)	305.00
0024-07638	Fuse 575 Vac 500 Amp (400 Amp Pak)	405.00
0024-07639	Fuse 575 Vac 700 Amp (550 Amp Pak)	500.00
0024-07640	Fuse 575 Vac 800 Amp (650 Amp Pak)	500.00
0024-07646	Fuse 575 Vac 1000 Amp (800 Amp Pak)	645.00
0024-01191	Fuse 575 Vac 1200 Amp (1000 Amp Pak)	875.00
0024-07646	2 x Fuse 575 Vac 1000 Amp (1200 Amp Pak)	1,280.00
	Filters for CE Applications	
0005-60056	EMI Line Filter for Load Power	86.00
0005-60057	EMI Line Filter for Control Power	200.00

Crimp Lug Chart

For Open Design 400 - 1200 Amp and all Touch Safe Models

Chromalox #	Panduit #	Conductor Size	Price
0135-10002	LCD8-14A-L	#8 AWG	18.00
0135-10003	LCD6-14A-L	#6 AWG or #6 Weld	18.00
0135-10004	LCD4-14A-L	#4 AWG or #4 Weld	18.00
0135-10005	LCD2-56B-Q	#2 AWG	23.00
0135-10006	LCD1-56C-E	#1 AWG or #2 Weld	23.00
0135-10007	LCD1/0-12-X	#1/0 AWG or #1 Weld	23.00
0135-10008	LCD2/0-12-X	#2/0 AWG or #1/0 Weld	31.00
0135-10009	LCD3/0-12-X	#3/0 AWG or #2/0 Weld	31.00
0135-10010	LCD4/0-12-X	#4/0 AWG or #3/0 Weld	36.00
0135-10011	LCD250-12-X	250 MCM or #4/0 Weld	41.00
0135-10012	LCD300-12-X	300 MCM	46.00
0135-10013	LCD350-12-6	350 MCM	46.00
0135-10014	LCD400-12-6	400 MCM	59.00
0135-10015	LCD500-12-6	500 MCM	69.00

Two-Leg Three Phase Design requires 2 Crimp Lug/Circuit.
Crimp Lug size depends on customer selected wire size.

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MaxPac™ III Three Phase 3-Leg Zero-Cross Firing Power Pak

MXPC III — Three Phase 3-Leg Zero-Cross Firing SCR Power Pak

Code	Control Configuration	Base Price
1	On/Off Standard (Accepts: 120Vac, 240 Vac, 5-32Vdc, Dry Contact Closure)	nc
2	On/Off Control with Shorted SCR Detection	150.00
3	Proportional Control, DOT Firing (Accepts: 4-20 mA, 1-5 Vdc, 0-10 Vdc)	180.00
4	Proportional Control, DOT Firing with Shorted SCR	320.00

Code	Current @ 50°C (122°F)		Adder
01	100 Amp	Open Design	2,220.00
02	100 Amp	Touch Safe Design	2,900.00
03	150 Amp	Open Design	3,280.00
04	150 Amp	Touch Safe Design	4,270.00
05	200 Amp	Open Design	3,590.00
06	200 Amp	Touch Safe Design	4,770.00
07	300 Amp	Open Design	4,400.00
08	300 Amp	Touch Safe Design	5,280.00
09	400 Amp	Open Design	6,930.00
10	400 Amp	Touch Safe Design	8,470.00
11	550 Amp	Open Design	7,560.00
12	550 Amp	Touch Safe Design	9,180.00
13	650 Amp	Open Design	9,420.00
14	650 Amp	Touch Safe Design	10,040.00
15	800 Amp	Open Design	13,925.00
16	1000 Amp	Open Design	17,400.00
17	1200 Amp	Open Design	19,250.00

Code	Line Voltage	Adder
1	120 Vac - 480 Vac	nc
2	575/600 Vac	230.00

Code	Instrument Power	Adder
1	120 Vac 50/60 Hz	nc
2	230 Vac 50/60 Hz	nc

Code	**Compression Lug Kits** (Open Design up to 200 Amps) For Other Ranges See Crimp Lug Chart	Adder
L0	None (Select for all Touch Safe Designs and for over 200 Amp Open Design)	nc
L1	100 - 150 Amp Pak 1(#2 - 4/0)/connection	140.00
L2	200 Amp Pak 1(1/0 - 500mcm)/connection	260.00

Code	**Fusing Option** (500 V Fuses for < 500 Vac Applications Select One)	Adder
F00	None	nc
F01	100 - 150 Amp Pak (200 Amp Fuse)	160.00
F02	200 Amp Pak (250 Amp Fuse)	185.00
F03	300 Amp Pak (400 Amp Fuse)	185.00
F04	400 Amp Pak (500 Amp Fuse)	260.00
F05	550 Amp Pak (700 Amp Fuse)	450.00
F06	650 Amp Pak (800 Amp Fuse)	450.00
F07	800 Amp Pak (1000 Amp Fuse)	830.00
F08	1000 Amp Pak (1200 Amp Fuses)	830.00
F09	1200 Amp Pak (Two 1000 Amp Fuses)	1,650.00
	(700 V Fuses for 575 V Applications, Select One)	
F10	100 Amp Pak (125 Amp Fuse)	200.00
F11	150 Amp Pak (175 Amp Fuse)	200.00
F12	200 Amp Pak (250 Amp Fuse)	200.00
F13	300 Amp Pak (400 Amp Fuse)	305.00
F14	400 Amp Pak (500 Amp Fuse)	615.00
F15	550 Amp Pak (700 Amp Fuse)	690.00
F16	650 Amp Pak (800 Amp Fuse)	690.00
F17	800 Amp Pak (1000 Amp Fuse)	885.00
F18	1000 Amp Pak (1200 Amp Fuse)	1,590.00
F19	1200 Amp Pak (Two 1000 Amp Fuses)	1,760.00

Code	Remote Manual Adjust/Auto Manual Switch	Adder
0	None	nc
1	Pot with 0 - 100% Dial and Local/Remote Single Turn 1K Potentiometer (Proportional Control Only) (Supplies loose for customer mounting)	92.00

MXPC III -	3	03	1	1	L1	F01	1	Typical Model Number (MXPCIII-20311L1FI11)

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MaxPac™ III Accessories

Part Number	Description	Price
	Circuit Board Kits	
0135-28135	Main + Shorted SCR + Proportional + Cover	900.00
0135-28139	Main + Proportional + Cover	825.00
	Circuit Boards	
0135-28096	Plug-In Shorted SCR Board	255.00
0135-28095	Plug-In Proportional Board	295.00
0135-28094	On / Off Main Firing Card	640.00
0135-28132	Trigger Board (100-150 Amp Units)	295.00
0135-28133	Trigger Board (200-650 Amp Units)	295.00
	Trigger Board (800-1200 Amp Units)	
	SCRs 480 Vac	
0002-47560	480 Vac SCR 100-150 Amp Units	103.00
0002-47559	480 Vac SCR 200 Amp Units	305.00
0002-47537	480 Vac SCR 300-400 Amp Units	485.00
0002-47557	480 Vac SCR 550-650 Amp Units	665.00
0002-47566	480 Vac SCR 800/1000/1200 Amp Units	945.00
	SCRs 575 Vac	
0002-47561	575 Vac SCR 100-150 Amp Units	115.00
0002-47562	575 Vac SCR 200 Amp Units	315.00
0002-47563	575 Vac SCR 300-400 Amp Units	545.00
0002-47557	575 Vac SCR 550-650 Amp Units	665.00
	575 Vac SCR 800/1000/1200 Amp Units	
0029-00700	Thermstrate 100-150 Amp SCR Units	5.00
0029-00822	Thermstrate 200 Amp SCR Unit	5.00
0029-00719	Thermstrate 300-400 Amp SCR Units	5.00
0029-00814	Thermstrate 550-650 Amp SCR Units	5.00
	I^2t Fuses for 500 Vac Applications	
0024-07634	Fuse 500 Vac 200 Amp (100-150 Amp Pak)	57.00
0024-07630	Fuse 500 Vac 250 Amp (200 Amp Pak)	80.00
0024-07632	Fuse 500 Vac 400 Amp (300 Amp Pak)	80.00
0024-03116	Fuse 500 Vac 500 Amp (400 Amp Pak)	97.00
0024-07633	Fuse 500 Vac 700 Amp (550 Amp Pak)	165.00
0024-03118	Fuse 500 Vac 800 Amp (650 Amp Pak)	170.00
0024-03200	Fuse 500 Vac 1000 Amp (8000 Amp Pak)	600.00
0024-07623	Fuse 500 Vac 1200 Amp (1000 Amp Pak)	530.00
0024-03200	2 x Fuse 500 Vac 1000 Amp (1200 Amp Pak)	1,190.00
	I^2t Fuses for 575 Vac Applications	
0024-07644	Fuse 575 Vac 125 Amp (100 Amp Pak)	190.00
0024-07645	Fuse 575 Vac 175 Amp (150 Amp Pak)	190.00
0024-07636	Fuse 575 Vac 250 Amp (200 Amp Pak)	305.00
0024-07637	Fuse 575 Vac 400 Amp (300 Amp Pak)	305.00
0024-07638	Fuse 575 Vac 500 Amp (400 Amp Pak)	405.00
0024-07639	Fuse 575 Vac 700 Amp (550 Amp Pak)	500.00
0024-07640	Fuse 575 Vac 800 Amp (650 Amp Pak)	500.00
0024-07646	Fuse 575 Vac 1000 Amp (800 Amp Pak)	645.00
0024-01191	Fuse 575 Vac 1200 Amp (1000 Amp Pak)	875.00
0024-07646	2 x Fuse 575 Vac 1000 Amp (1200 Amp Pak)	1,280.00
	Filters for CE Applications	
0005-60056	EMI Line Filter for Load Power	86.00
0005-60057	EMI Line Filter for Control Power	200.00

Crimp Lug Chart

For Open Design 300 - 1200 Amp and all Touch Safe Models

Chromalox #	Panduit #	Conductor Size	Price
0135-10002	LCD8-14A-L	#8 AWG	18.00
0135-10003	LCD6-14A-L	#6 AWG or #6 Weld	18.00
0135-10004	LCD2-14A-L	#4 AWG or #4 Weld	18.00
0135-10005	LCD2-56B-Q	#2 AWG	23.00
0135-1006	LCD1-56C-E	#1 AWG or #2 Weld	23.00
0135-10007	LCD1/0-12-X	#1/0 AWG or #1 Weld	23.00
0135-10008	LCD2/0-12-X	#2/0 AWG or #1/0 Weld	31.00
0135-10009	LCD3/0-12-X	#3/0 AWG or #2/0 Weld	31.00
0135-10010	LCD4/0-12-X	#4/0 AWG or #3/0 Weld	36.00
0135-10011	LCD250-12-X	250 MCM or #4/0 Weld	41.00
0135-10012	LCD300-12-X	300 MCM	46.00
0135-10013	LCD350-12-6	350 MCM	46.00
0135-10014	LCD400-12-6	400 MCM	59.00
0135-10015	LCD500-12-6	500 MCM	69.00

Three Phase Three-Leg design requires 3 Crimp Lugs per circuit.
Crimp Lug size depends on customer selected wire size.

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SSR Solid State Relay Power Controller

Model	Solid State Relay Power Controller

SSR

The SSR Series are industrial single-phase relays for switching resistive loads. Chromalox SSR series offers the following standard features: Zero-voltage turn-on, LED input status indicator, IP20 touch protection clip-on cover, two input ranges, operational rating up to 600 Vac, self-lifting terminals, dv/dt protection, CE mark, UL Recognized and CSA approvals.

Code	Current @ 25°C (77°F) Ambient, 42-600 Vac	Base Price
25	25 Amp	70.00
50	50 Amp	82.00
75	75 Amp	115.00

Code	Input Control Voltage	Adder
1	4.5 32 Vdc	nc
2	24 - 265 Vac or 24 - 190 Vdc	17.00

SSR – 25 1 Typical Model Number (SSR-251)

ACCESSORIES

Part Number	Description	Price
0002-70021	MOV	7.00
0135-28144	LM-2 Solid State Relay Driver (PCN 341260)	160.00
0029-00640	Thermal Grease (PCN 389976)	7.00

In Stock

Model	PCN
SSR-251	305744
SSR-501	305752
SSR-751	305760

Model	PCN
SSR-252	305779
SSR-502	305787
SSR-752	305795

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SSR1 Single Phase Solid State Relay with Heat Sink

Model	Single Phase Solid State Relay with Heat Sink

SSR1

The SSR1 Series are industrial single-phase relays mounted on heat sinks for switching high current resistive loads, Chromalox SSR1 series offers the following standard features: 40°C Ambient Ratings, Zero-voltage turn on, LED input status indicator, IP20 touch protection clip-on cover, two input ranges, operating rating up to 600 Vac, self-lifting terminals, dv/dt protection, DIN rail mount, CE mark, UL Recognized and CSA approvals.

Code	Current @ 40°C (104°F) Ambient, 42 - 600 Vac	Base Price
25	25 Amp	115.00
35	35 Amp	160.00
50	50 Amp	195.00
75	75 Amp	225.00

Code	Input Control Voltage	Adder
1	4.5 - 32Vdc	nc
2	24 - 265 Vac or 24 - 190 Vdc	17.00

SSR1 –	25	1	Typical Model Number (SSR1-251)

ACCESSORIES

Part Number	Description	Price
0002-70021	MOV	7.00
0135-28144	LM-2 Solid State Relay Driver (PCN-341260)	160.00

In Stock

Model	PCN
SSR1-251	305808
SSR1-351	305824
SSR1-501	305840
SSR1-751	305867

Model	PCN
SSR1-502	305859

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SSR1P Single Phase, Phase Fired Solid State Relay

Model	Single Phase, Phase Fired Solid State Relay

SSR1P

The SSR1P series are industrial single-phase relays mounted on heat sinks for switching high current resistive and inductive loads. Chromalox SSR1P series offers the following standard features: 40°C Ambient Rating, Phase-angle control, variable intensity LED indication according to input current, IP20 touch protection clip-on cover, self-lifting, terminals, dv/dt protection, integral snubber network, DIN rail mount, CE mark, UL and cUL Recognized approvals.

Code	Current @ 40°C (104°F) Ambient	Base Price
25	25 Amp	180.00
35	35 Amp	225.00
50	50 Amp	300.00
70	70 Amp	330.00

Code	Voltage	Adder
1	230 Vac	nc
2	600 Vac	30.00

Code	Input Control Signal	Adder
1	4 - 20 mA	nc

SSR1P –	25	1	1	Typical Model Number	(SSR1P-2511)

In Stock

Model	PCN
SSR1P-2511	305883
SSR1P-3511	305904
SSR1P-2521	305891
SSR1P-5021	305939

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SSR2 Three Phase 2-Leg Solid State Relay

Model	Three Phase 2-Leg Solid State Relay with Heat Sink
SSR2	The SSR2 series are industrial three-pahse 2-leg relays mounted on heat sinks for switching high current, resistive loads, Chromalox SSR2 series offers the following standard features: 40°C Ambient Rating, Zero-voltage turn-on, LED input status indicator, IP20 touch protection clip-on cover, two input ranges, operational rating up to 600 Vac, self-lifting terminals, dv/dt protection, DIN rail mount, CE mark, UL Recognized and CSA approvals.

Code	Current @ 40°C (104°F) Ambient, 42 - 600 Vac		Base Price
25	25 Amp		230.00
50	50 Amp	Fan cooled*	465.00
75	75 Amp	Fan cooled*	540.00

Code	Input Control Voltage	Adder
1	4.5 - 32 Vdc	nc
2	24 - 265 Vac or 24 - 190 Vdc	18.00

SSR2 – 25 1 Typical Model Number (SSR2-251)

Note
*Fan cooled units require 120 Vac

ACCESSORIES

Part Number	Description	Price
0002-70021	MOV	7.00
0135-28144	LM-2 Solid State Relay Driver (PCN 341260)	160.00

In Stock

Model	PCN
SSR2-251	339282
SSR2-501	339303
SSR2-751	339320
SSR2-252	339290
SSR2-502	339311

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SSR3 Three Phase 3-Leg Solid State Relay

Model	Three Phase 3-Leg Solid State Relay with Heat Sink

SSR3

The SSR3 series are industrial three-phase 3-leg relays mounted on heat sinks for switching resistive loads. Chromalox SSR3 series offers the following standard features: 40°C Ambient Rating, Zero-voltage turn-on, LED input statuts indicator, IP10 back-of-hand protection, two input ranges, operational rating up to 600 Vac, self-lifting terminals, dv/dt protection, DIN rail mount, CE mark, CSA, and UL and cUL Recognized approvals.

Code	Current @ 40°C (104°F) Ambient, 42 - 600 Vac		Base Price
15	15 Amp		325.00
25	25 Amp		400.00
30	30 Amp		475.00
45	45 Amp	Fan Cooled*	595.00
65	65 Amp	Fan Cooled*	690.00

Code	Input Control Voltage	Adder
1	4 - 32 Vdc	nc
2	24 - 275 Vac or 24 - 50 Vdc	18.00

SSR3 –	25	1	Typical Model Number (SSR3-251)

Note
*Fan cooled units require 120 Vac.

ACCESSORIES

Part Number	Description	Price
0002-70021	MOV	7.00
0135-28144	LM-2 Solid State Relay Driver (PCN 341260)	160.00

In Stock

Model	PCN
SSR3-251	339362
SSR3-301	339389
SSR3-651	339426
SSR3-302	339397
SSR3-652	339434

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SSR3P Three Phase, 3-Leg Phase Fired Solid State Relay

Model	Three Phase, 3-Leg, Phase Fired Solid State Relay with Heat Sink
SSR3P*	The SSR3P series are industrial three-phase 3-leg relays mounted on heat sinks for switching high current resistive and inductive loads. Chromalox SSR3P series offers the following standard features: 40°C Ambient Rating, Phase-angle controlled soft-start, LED status indicator for the for the line ON and load ON, two input ranges, varistor protection, DIN rail mount, CE mark, cUL Recognized and CSA approvals.

Code	Current @ 40°C (104°F) Ambient		Base Price
15	15 Amp		530.00
25	25 Amp	Fan Cooled**	735.00
40	40 Amp	Fan Cooled**	760.00

Code	Voltage	Adder
1	230 Vac	nc
2	480 Vac	75.00

Code	Input Control Voltage	Adder
1	4 - 20 / 0 - 20 mA	nc

SSR3P –	25	1	1	Typical Model Number (SSR3P-2511)	

Note
*SSR3P requires external power supply. Chromalox Part # 0081-10030
**Fan cooled units require 120 Vac.

In Stock

Model	PCN
SSR3P-2511	339450
SSR3P-4011	339469
SSR3P-1521	339477
SSR3P-2521	339485
SSR3P-4021	339493

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4131 Series SCR Panel

Model

4131 **Single Phase Zero Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Single Phase SCR Power Control Panel. Rated for up to 650 Amps at 120 – 600 Vac.
Standard Features: Factory pre-wired for quick installation, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 Vac Control Power.
Optional Features: Ground Fault Monitor, Shorted SCR Detection, Multi-meter: Combination Ammeter with Current Transformer and Voltmeter with Potential Transformer.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size, H x W x D, In (cm)	Base Price
01	100 Amp	MXPCI-3-02-1-1-L0-F01-0	24 x 24 x 16 (61 x 61 x 41)	2,720.00
03	150 Amp	MXPCI-3-04-1-1-L0-F01-0	24 x 24 x 16 (61 x 61 x 41)	2,980.00
05	200 Amp	MXPCI-3-06-1-1-L0-F02-0	24 x 24 x 16 (61 x 61 x 41)	3,240.00
07	300 Amp	MXPCI-3-08-1-1-L0-F03-0	36 x 30 x 16 (91 x 76 x 41)	3,740.00
09	400 Amp	MXPCI-3-10-1-1-L0-F04-0	36 x 30 x 16 (91 x 76 x 41)	4,000.00
11	550 Amp	MXPCI-3-12-1-1-L0-F05-0	36 x 30 x 16 (91 x 76 x 41)	5,030.00
13	650 Amp	MXPCI-3-14-1-1-L0-F06-0	36 x 30 x 16 (91 x 76 x 41)	5,420.00

Code	Voltage	Adder
1	120 - 480 Vac	nc
2	575/600 Vac	125.00

Code	Ground Fault Sensing Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch	1,095.00

Code	Options	Adder
0	None	nc
3	Shorted SCR Detection	315.00
4	Multimeter (Volts & Current)	1,675.00
6	Multimeter (Volts & Current) and Shortened SCR Detection	1,990.00

4131 -	03	1	1	3	Typical Model Number (4131-03113)

Technical Notes:
Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.
Consult Factory for 575 Vac Applications and Pricing

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4132 Series SCR Panel

Model

4132 **Three Phase Two-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Single Phase SCR Power Control Panel. Rated for up to 650 Amps at 120 – 600 Vac.
Standard Features: Factory pre-wired for quick installation, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 Vac Control Power.
Optional Features: Ground Fault Monitor, Shorted SCR Detection, Multi-meter: Combination Ammeter with Current Transformer and Voltmeter with Potential Transformer.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size, H x W x D, In (cm)	Base Price
01	100 Amp	MXPCII-3-02-1-1-L0-F01-0	36 x 30 x 16 (91 x 76 x 41)	3,590.00
03	150 Amp	MXPCII-3-04-1-1-L0-F01-0	36 x 30 x 16 (91 x 76 x 41)	3,880.00
05	200 Amp	MXPCII-3-06-1-1-L0-F02-0	36 x 30 x 16 (91 x 76 x 41)	4,350.00
07	300 Amp	MXPCII-3-08-1-1-L0-F03-0	36 x 30 x 16 (91 x 76 x 41)	4,880.00
09	400 Amp	MXPCII-3-10-1-1-L0-F04-0	36 x 30 x 16 (91 x 76 x 41)	5,170.00
11	550 Amp	MXPCII-3-12-1-1-L0-F05-0	36 x 30 x 16 (91 x 76 x 41)	6,810.00
13	650 Amp	MXPCII-3-14-1-1-L0-F06-0	36 x 30 x 16 (91 x 76 x 41)	7,110.00

Code	Voltage	Adder
1	120 - 480 Vac	nc
2	575/600 Vac	195.00

Code	Ground Fault Sensing/Interrupt Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch	1,095.00

Code	Options	Adder
0	None	nc
3	Shorted SCR Detection	315.00
4	Multimeter (Volts & Current)	1,675.00
6	Multimeter (Volts & Current) and Shortened SCR Detection	1,990.00

4132 -	03	1	1	0	Typical Model Number (4132-03110)

Technical Notes:
Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.
Consult Factory for 575 Vac Applications and Pricing

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4133 Series SCR Panel

Model

4133 **Three Phase Three-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Single Phase SCR Power Control Panel. Rated for up to 650 Amps at 120 – 600 Vac.
Standard Features: Factory pre-wired for quick installation, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 Vac Control Power.
Optional Features: Ground Fault Monitor, Shorted SCR Detection, Multi-meter: Combination Ammeter with Current Transformer and Voltmeter with Potential Transformer.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size, H x W x D, In (cm)	Base Price
01	100 Amp	MXPCIII-3-02-1-1-L0-F01-0	36 x 30 x 16 (91 x 76 x 41)	4,280.00
03	150 Amp	MXPCIII-3-04-1-1-L0-F01-0	36 x 30 x 16 (91 x 76 x 41)	4,930.00
05	200 Amp	MXPCIII-3-06-1-1-L0-F02-0	36 x 30 x 16 (91 x 76 x 41)	5,340.00
07	300 Amp	MXPCIII-3-08-1-1-L0-F03-0	36 x 30 x 16 (91 x 76 x 41)	5,800.00
09	400 Amp	MXPCIII-3-10-1-1-L0-F04-0	36 x 30 x 16 (91 x 76 x 41)	6,340.00
11	550 Amp	MXPCIII-3-12-1-1-L0-F05-0	48 x 36 x 16 (122 x 91 x 41)	9,050.00
13	650 Amp	MXPCIII-3-14-1-1-L0-F06-0	48 x 36 x 16 (122 x 91 x 41)	9,700.00

Code	Voltage	Adder
1	120 - 480 Vac	nc
2	575/600 Vac	252.00

Code	Ground Fault Sensing Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch	1,095.00

Code	Options	Adder
0	None	nc
3	Shorted SCR Detection	315.00
4	Multimeter (Volts & Current)	1,675.00
6	Multimeter (Volts & Current) and Shortened SCR Detection	1,990.00

4133 - 03 1 1 0 Typical Model Number (4133-03110)

Technical Notes:
Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.
Consult Factory for 575 Vac Applications and Pricing

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4214 & 4224 Series SCR Panels

Product Description

UL, cUL Listed Single or Three Phase SCR Power Control Panel rated for 30 Amps at 100 - 600 Vac (Single Phase) or 208 - 600 Vac (Three Phase)
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure for Indoor/Outdoor Applications, Three-Pole Shutdown Contactor, SSR for Power Switching with I^2t Fusing.
Optional Features: Process Controller, Hi-limit Controller, Ground Fault Monitor, Disconnect Switch, and Enclosure Heater.

Model		Enclosure Size, H x W x D, In (cm)	Base Price
4214	**Single Phase Zero Fired SCR Power Control Panel**	16 x 16 x 6 (41 x 41 x 15)	1,690.00
4224	**Three Phase Two-Leg Zero Fired SCR Power Control Panel**	24 x 24 x 10 (61 x 61 x 25)	2,080.00

Code	Current @ 40°C (104°F) Ambient (with no Solar Load)	Adder
3	30 Amps	nc

Code	Voltage		Adder
0	120 Vac	(Not available on the 4224)	nc
1	208 Vac		nc
2	240 Vac		nc
3	380 Vac		nc
4	415 Vac		nc
5	480 Vac		nc
6	575/600 Vac		63.00

Code	Process Controller Options	Adder
0	Customer Supplied Digital Signal (3 - 20 Vdc)	nc
1	6040-SR0000 1/16 DIN SSR, Relay	335.00
6	LM-2 Module (4 - 20 mA Input)	155.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00

Code	Options	Adder
0	None	nc
1	Main Disconnect with Through Door Operator	205.00
2	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch **	1,095.00
3	Thermostat Controlled Enclosure Heater	565.00
4	Ground Fault Monitor & Main Disconnect Switch **	1,300.00
5	Main Disconnect Switch & Enclosure Heater	1,660.00
6	Ground Fault Monitor, Main Disconnect Switch & Enclosure Heater **	770.00
7	Ground Fault Monitor & Enclosure Heater **	1,865.00

4224 -	3	5	1	1	1	Typical Model Number (4224-35551)

**Ground Fault detection requires grounded supply.

In Stock

Model	PCN	List Price	
4224-35111	314771	2,955.00	New

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4168 Mini SCR Panel

Model

4168 **Single Phase Zero Fired SCR Mini Power Control Panel**

Panel Configuration

UL and cUL Listed, Single Phase SCR Power Control Panel. Rated for 30 or 65 Amps at 120 – 600Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure, External Heat Sinks for Indoor/Outdoor Applications, I^2t Fusing, and Shutdown Contactor.
Optional Features: Process Controller, Hi-Limit Controller, Ground Fault Monitoring, Main Disconnect Switch, Enclosure Heater & Load Fusing.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	Enclosure Size, H x W x D, In (cm)	Base Price
3	30 Amp	24 x 20 x 8 (61 x 51 x 20)	2,340.00
6	65 Amp	24 x 20 x 8 (61 x 51 x 20)	2,900.00

Code	Voltage	Adder
1	120 Vac	nc
2	208 Vac	nc
3	240 Vac	nc
4	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	None (6 - 12 Vdc Control Signal Customer Supplied)	nc
1	6040-SR0000 1/16 DIN SSR, Relay	335.00
2	6040-SRA100 1/16 DIN SSR, Relay, Retransmit , RS485	435.00
3	4040-SR0000 1/4 DIN SSR, Relay	490.00
4	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
5	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00
7	Customer Supplied Remote 4 - 20 mAdc signal	315.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00
2	6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485	435.00
3	4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
4	4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00

Code	Options	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch **	1,095.00
2	Main Disconnect with Through Door Operator	205.00
3	Thermostat Controlled Enclosure Heater	565.00
4	Ground Fault Monitor & Main Disconnect Switch**	1,300.00
5	Main Disconnect Switch & Enclosure Heater	770.00
6	Ground Fault Monitor & Enclosure Heater**	1,660.00
7	Ground Fault Monitor, Main Disconnect Switch & Enclosure Heater**	1,865.00

Code	Load Fusing Option*	Adder/Ckt
Blank	None	nc
9010(*)	8 Amps/Circuit (10 Amp fuse)	190.00
9015(*)	12 Amps/Circuit (15 Amp fuse)	190.00
9020(*)	16 Amps/Circuit (20 Amp fuse)	190.00
9025(*)	20 Amps/Circuit (25 Amp fuse)	190.00
9030(*)	24 Amps/Circuit (30 Amp fuse)	190.00
9035(*)	28 Amps/Circuit (35 Amp fuse)	200.00
9040(*)	32 Amps/Circuit (40 Amp fuse)	200.00
9045(*)	36 Amps/Circuit (45 Amp fuse)	200.00
9050(*)	40 Amps/Circuit (50 Amp fuse)	200.00
9060(*)	48 Amps/Circuit (60 Amp fuse)	200.00
9070(*)	56 Amps/Circuit (70 Amp fuse)	250.00
9080(*)	64 Amps/Circuit (80 Amp fuse)	320.00

4168	-	6	4	2	2	0	–	9025(3)	Typical Model Number (4168-64220-9025(3))

*Specify Number of Circuits (Maximum Three Circuits of Load Fusing)
**Ground Fault detection requires grounded supply.

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4268 Mini SCR Panel

Model

4268 **Three Phase Two-Leg Zero Fired SCR Mini Power Control Panel**

Panel Configuration

UL and cUL Listed, Three Phase SCR Power Control Panel. Rated for 30 or 65 Amps at 120 – 600Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure, External Heat Sinks for Indoor/Outdoor Applications, I^2t Fusing, and Shutdown Contactor.
Optional Features: Process Controller, Hi-Limit Controller, Ground Fault Monitoring, Main Disconnect Switch, Enclosure Heater & Load Fusing.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	Enclosure Size, H x W x D, In (cm)	Base Price
3	30 Amp	24 x 20 x 8 (61 x 51 x 20)	2,390.00
6	65 Amp	24 x 20 x 8 (61 x 51 x 20)	2,980.00

Code	Voltage	Adder
2	208 Vac	nc
3	240 Vac	nc
4	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	None (6 - 12 Vdc Control Signal Customer Supplied)	nc
1	6040-SR0000 1/16 DIN SSR, Relay	335.00
2	6040-SRA100 1/16 DIN SSR, Relay, Retransmit , RS485	435.00
3	4040-SR0000 1/4 DIN SSR, Relay	490.00
4	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
5	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00
7	Customer Supplied Remote 4 - 20 mAdc, 0-10 Vdc, 0-5 Vdc	315.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00
2	6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485	435.00
3	4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
4	4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00

Code	Options	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch **	1,095.00
2	Main Disconnect with Through Door Operator	205.00
3	Thermostat Controlled Enclosure Heater	565.00
4	Ground Fault Monitor & Main Disconnect Switch **	1,300.00
5	Main Disconnect Switch & Enclosure Heater	770.00
6	Ground Fault Monitor & Enclosure Heater **	1,660.00
7	Ground Fault Monitor, Main Disconnect Switch & Enclosure Heater **	1,865.00

Code	Load Fusing Option*	Adder/Ckt
Blank	None	nc
9010(*)	8 Amps/Circuit (10 Amp fuse)	190.00
9015(*)	12 Amps/Circuit (15 Amp fuse)	190.00
9020(*)	16 Amps/Circuit (20 Amp fuse)	190.00
9025(*)	20 Amps/Circuit (25 Amp fuse)	190.00
9030(*)	24 Amps/Circuit (30 Amp fuse)	190.00
9035(*)	28 Amps/Circuit (35 Amp fuse)	200.00
9040(*)	32 Amps/Circuit (40 Amp fuse)	200.00
9045(*)	36 Amps/Circuit (45 Amp fuse)	200.00
9050(*)	40 Amps/Circuit (50 Amp fuse)	200.00
9060(*)	48 Amps/Circuit (60 Amp fuse)	200.00
9070(*)	56 Amps/Circuit (70 Amp fuse)	250.00
9080(*)	64 Amps/Circuit (80 Amp fuse)	320.00

4268 - 6 4 2 1 0 – 9025(3) Typical Model Number (4268-64210-9025(3))

*Specify Number of Circuits (Maximum Three Circuits of Load Fusing).
**Ground Fault detection requires grounded supply.

Note:
Stocked Panels may be used at 240 Vac by changing strapping of control power transformer.

In Stock

Model	PCN	List Price	
4268-34112	314739	3,265.00	New
4268-64112	314763	3,855.00	New

Effective: 5/02/2014; All prices in U.S. dollars.
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4532 Series SCR Panel

Model

4532 **Three Phase Two-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Three Phase SCR Power Control Panel, rated up to 90 Amps at 120, 240 or 480 Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Main Disconnect Switch, Three-Pole Shutdown Contactor and SCRs for Power Switching.
Optional Features: Process Controller, Hi-Limit Controller, Control via Customer-Supplied Input Signal, Door Mounted Potentiometer and Ground Fault Monitor.

NOTE: A Vari-Watt is supplied when either the Customer Supplied Control Signal or 10K Potentiometer Control Option is selected.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size H x W x D, In (cm)	Base Price
40	90 Amp	SCR Power Controller	24 x 24 x 10 (61 x 61 x 25)	4,850.00

Code	Process Controller Options	Adder
1	Terminal Block for Customer Supplied Control Signal (4 - 20 mA, 3 - 20 Vdc, Contact Closure, or 10K Potentiometer)	nc
2	Door Mounted 10K Potentiometer, 0 - 100% Power Ouput Scale.	130.00
3	6040-SR0000 1/16 DIN SSR, Relay	335.00
4	6040-SRA100 1/16 DIN SSR, Relay, Retransmit , RS485	435.00
5	4040-SR0000 1/4 DIN SSR, Relay	490.00
6	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
7	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00
2	6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485	435.00
3	4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
4	4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00

Code	Ground Fault Sensing/Interrupt Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch **	1,095.00

4532 -	40	5	3	0	Typical Model Number (4532-40530)

Technical Notes:

Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.

**Ground Fault detection requires grounded supply.

In Stock

Model	PCN	List Price	
4532-40530	307070	5,830.00	New

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4534 Series SCR Panel

Model

4534 **Three Phase Two-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Three Phase SCR Power Control Panel, rated up to 30 Amps at 120, 240 or 480 Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4 rated Enclosure for Indoor/Outdoor Applications, Main Disconnect Switch, Three-Pole Shutdown Contactor and SSRs for Power Switching.
Optional Features: Process Controller, Hi-Limit Controller, Control via Customer-Supplied Input Signal, Door Mounted Potentiometer, Enclosure Heater and Ground Fault Monitor.

NOTE: A Vari-Watt is supplied when either the Customer Supplied Control Signal or 10K Potentiometer Control Option is selected.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size H x W x D, In (cm)	Base Price
40	30 Amp	Solid State Relays	24 x 24 x 10 (61 x 61 x 25)	5,980.00

Code	Process Controller Options	Adder
1	Terminal Block for Customer Supplied Control Signal (4 - 20 mA, 3 - 20 Vdc, Contact Closure, or 10K Potentiometer)	nc
2	Door Mounted 10K Potentiometer, 0 - 100% Power Ouput Scale.	130.00
3	6040-SR0000 1/16 DIN SSR, Relay	335.00
4	6040-SRA100 1/16 DIN SSR, Relay, Retransmit , RS485	435.00
5	4040-SR0000 1/4 DIN SSR, Relay	490.00
6	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
7	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00
2	6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485	435.00
3	4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
4	4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00

Code	Options	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch *	1,095.00
2	Thermostat Controlled Enclosure Heater	565.00
3	Ground Fault Monitor & Enclosure Heater	1,660.00

4534 -	40	5	3	0	Typical Model Number (4534-40530)

*Ground Fault detection requires grounded supply.

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4537 Series SCR Panel

Model

4537 Three Phase Two-Leg Zero Fired SCR Power Control Panel - Class I, Div 1 & 2, Group B, C, D, Class 2, Div 1 & 2, Groups E, F, G.

Panel Configuration

UL and cUL Listed Three Phase SCR Power Control Panel, rated up to 45 Amps at 120, 240 or 480 Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 7 rated Explosion-Proof Enclosure for Hazardous Areas, Main Disconnect Switch, Three-Pole Shutdown Contactor, SSRs for Power Switching and Viewing Window.
Optional Features: Process Controller, Hi-Limit Controller, Control via Customer-Supplied Input Signal, Enclosure Heater, Weather Proof Gasket and Ground Fault Monitor.

NOTE: A Vari-Watt is supplied when either the Customer Supplied Control Signal or 10K Potentiometer Control Option is selected.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Enclosure Size H x W x D, In (cm)	Base Price
40	45 Amp	Solid State Relays	28.5 x 21 x 13 (72 x 53 x 33)	14,300.00

Code	Process Controller Options	Adder
0	Terminal Block for Customer Supplied Signal (4-20 mA, 3-20 Vdc, Contact Closure or 10K Potentiometer)	nc
1	6040-SR0000 1/16 DIN SSR, Relay	335.00
2	6040-SRA100 1/16 DIN SSR, Relay, Retransmit , RS485	435.00
3	4040-SR0000 1/4 DIN SSR, Relay	490.00
4	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
5	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R020 1/16 DIN Fixed 5A Relay, Relay, Digital Input	400.00
2	6050-1RA20 1/16 DIN Fixed 5A Relay, Relay, Retransmit, Digital Input	435.00
3	4050-1R020 1/4 DIN Fixed 5A Relay, Relay, Digital Input	555.00
4	4050-1RA20 1/4 DIN Fixed 5A Relay, Relay, Retransmit, Digital Input	590.00

Code	Options	Adder
0	None	nc
1	NEMA 7/4 Weather Proof Gasket for Out Door Applications	115.00
2	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch*	1,095.00
3	Cabinet Heater	565.00
4	Weater Proof Gasket and Ground Fault Monitor	1,210.00
5	Weater Proof Gasket and Cabinet Heater	680.00
6	Ground Fault Monitor and Cabinet Heater	1,660.00

4537	-	40	5	1	1	Typical Model Number (4537-40511)

*Ground Fault detection requires grounded supply.

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4232 Series SCR Panel

Model

4232 **Three Phase Two-Leg Zero Cross Fired SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Three Phase, 2- Leg Control, SCR Power Control Panel. Rated up to 1200 Amps at 208 to 600 Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Main Magnetic Disconnect Switch with Shunt Trip Feature, Heat-Sink Overtemperature Lamp.
Optional Features: Process Controller, Hi-Limit Controller, Ground Fault Monitor, Sub-Circuit Fusing for Heater Load, Shorted SCR Detection, Multi-meter (Amps & Volts) with Phase Selector Switch and Floor Stand Kit.

Code	Current @ 40°C (104°F) Ambient (with no solar load)	SCR Component	Max Number of Fused Circuits	Enclosure Size HxWxD, In (cm)	Base Price
02	100 Amp	MXPCII-3-02-1-1-L0-F01-0	8	60 x 36 x 12 (152 x 92 x 31)	6,640.00
03	150 Amp	MXPCII-3-04-1-1-L0-F01-0	8	60 x 36 x 12 (152 x 92 x 31)	7,500.00
06	200 Amp	MXPCII-3-06-1-1-L0-F02-0	8	60 x 36 x 12 (152 x 92 x 31)	7,930.00
08	300 Amp	MXPCII-3-08-1-1-L0-F03-0	8	60 x 36 x 12 (152 x 92 x 31)	9,040.00
10	400 Amp	MXPCII-3-10-1-1-L0-F04-0	8	72 x 36 x 12 (183 x 92 x 31)	9,690.00
12	550 Amp	MXPCII-3-12-1-1-L0-F05-0	8	72 x 36 x 12 (183 x 92 x 31)	10,680.00
14	650 Amp	MXPCII-3-14-1-1-L0-F06-0	8	72 x 36 x 12 (183 x 92 x 31)	11,320.00
15[1]	800 Amp	(2) MXPCII-3-10-1-1-L0-F04-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	17,390.00
16[1]	1000 Amp	(2) MXPCII-3-12-1-1-L0-F05-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	21,900.00
17[1]	1200 Amp	(2) MXPCII-3-14-1-1-L0-F06-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	23,820.00

Code	Voltage	
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	None	nc
1	4040-AR0000 1/4 DIN SSR, Relay	500.00
2	4040-ARA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	695.00
3	4080-C0ARA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	835.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,175.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,765.00

Code	Ground Fault Sensing/Interrupt & Shorted SCR Detection Option	Adder
0	None	nc
1	Shorted SCR Detection	315.00
2	Ground Fault Monitor & Shutdown, Illuminated Reset Switch (code 02-14)*	1,095.00
3	Ground Fault Monitor & Shutdown, Illuminated Reset Switch (code 15,16,17)	2,295.00
4	Ground Fault Monitor & Shorted SCR Detection (code 02-14)	1,410.00
5	Ground Fault Monitor & Shorted SCR Detection (code 15,16,17)	2,610.00

Code	Options	Adder
0	None	nc
4	Multimeter (Volts & Current)	1,960.00

Code	Load Fusing Option[3,4]	Adder/Ckt
9000	None	nc
9010(*)	8 Amps/ Circuit (10 Amp fuse)	190.00
9015(*)	12 Amps/ Circuit (15 Amp fuse)	190.00
9020(*)	16 Amps/ Circuit (20 Amp fuse)	190.00
9025(*)	20 Amps/ Circuit (25 Amp fuse)	190.00
9030(*)	24 Amps/ Circuit (30 Amp fuse)	190.00
9035(*)	28 Amps/ Circuit (35 Amp fuse)	200.00
9040(*)	32 Amps/ Circuit (40 Amp fuse)	200.00
9045(*)	36 Amps/ Circuit (45 Amp fuse)	200.00
9050(*)	40 Amps/ Circuit (50 Amp fuse)	200.00
9060(*)	48 Amps/ Circuit (60 Amp fuse)	200.00
9070(*)	56 Amps/ Circuit (70 Amp fuse)	250.00
9080(*)	64 Amps/ Circuit (80 Amp fuse)	320.00
9090(*)	72 Amps/ Circuit (90 Amp fuse)	320.00
9100(*)	80 Amps/ Circuit (100 Amp fuse)	320.00
9110(*)	88 Amps/ Circuit (110 Amp fuse)	660.00
9125(*)	100 Amps/ Circuit (125 Amp fuse)	660.00
9150(*)	120 Amps/ Circuit (150 Amp fuse)	660.00
9175(*)	140 Amps/ Circuit (175 Amp fuse)	660.00
9200(*)	160 Amps/ Circuit (200 Amp fuse)	660.00

4232 -	3	5	1	1	0	0	-	9025(5)	Typical Model Number (4232-0351100-9025(5))

*Ground Fault detection requires grounded supply.

Technical Notes:
[1]Includes Chromalox Load Management Module
[2]Consult factory for 575/600 Vac Applications and Pricing
[3]Load Fuse Current Rating Reflects 125% of Actual Load Amps.
[4]Panel Codes 15, 16, and 17 (Maximum Sixteen Circuits of Load Fusing)
*Specify Number of Circuits (Maximum Eight Circuits of Load Fusing).
Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.

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4233 Series SCR Panel

Model

4233 **Three Phase, Three-Leg, Zero Cross Fired, SCR Power Control Panel**

Panel Configuration

UL and cUL Listed Three Phase, 3- Leg Control, SCR Power Control Panel. Rated up to 1200 Amps at 208 to 600 Vac.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Main Magnetic Disconnect Switch with Shunt Trip Feature, Heat-Sink Overtemperature Lamp.
Optional Features: Process Controller, Hi-Limit Controller, Ground Fault Monitor, Sub-Circuit Fusing for Heater Load, Shorted SCR Detection, Multi-meter (Amps & Volts) with Phase Selector Switch and Floor Stand Kit.

Code	Current @ 40°C (104°F) Ambient	SCR Component	Max Number of Fused Circuits	Enclosure Size HxWxD, In (cm)	Base Price
02	100 Amp	MXPCIII-3-02-1-1-L0-F01-0	8	60 x 36 x 12 (152 x 92 x 31)	8,150.00
03	150 Amp	MXPCIII-3-04-1-1-L0-F01-0	8	60 x 36 x 12 (152 x 92 x 31)	9,690.00
06	200 Amp	MXPCIII-3-06-1-1-L0-F02-0	8	60 x 36 x 12 (152 x 92 x 31)	10,350.00
08	300 Amp	MXPCIII-3-08-1-1-L0-F03-0	8	60 x 36 x 12 (152 x 92 x 31)	11,350.00
10	400 Amp	MXPCIII-3-10-1-1-L0-F04-0	8	72 x 36 x 12 (183 x 92 x 31)	12,275.00
12	550 Amp	MXPCIII-3-12-1-1-L0-F05-0	8	72 x 36 x 12 (183 x 92 x 31)	13,575.00
14	650 Amp	MXPCIII-3-14-1-1-L0-F06-0	8	72 x 36 x 12 (183 x 92 x 31)	14,875.00
15[1]	800 Amp	(2) MXPCIII-3-10-1-1-L0-F04-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	21,925.00
16[1]	1000 Amp	(2) MXPCIII-3-12-1-1-L0-F05-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	27,075.00
17[1]	1200 Amp	(2) MXPCIII-3-14-1-1-L0-F06-0	16	72 x 72 x 12 (183 x 183 x 31) Floor Mount	30,300.00

Code	Voltage	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	None	nc
1	4040-AR0000 1/4 DIN SSR, Relay	500.00
2	4040-ARA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	695.00
3	4080-C0ARA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	835.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,175.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,765.00

Code	Ground Fault Sensing/Interrupt & Shorted SCR Detection Option	Adder
0	None	nc
1	Shorted SCR Detection	315.00
2	Ground Fault Monitor & Shutdown, Illuminated Reset Switch (code 02-14) [5]	1,095.00
3	Ground Fault Monitor & Shutdown, Illuminated Reset Switch (code 15,16,17)	2,300.00
4	Ground Fault Monitor & Shorted SCR Detection (code 02-14)	1,410.00
5	Ground Fault Monitor & Shorted SCR Detection (code 15,16,17)	2,615.00

Code	Options	Adder
0	None	nc
4	Multimeter (Volts & Current)	1,960.00

Code	Load Fusing Option[3,4]	Adder/Ckt
9000	None	nc
9010(*)	8 Amps/ Circuit (10 Amp fuse)	190.00
9015(*)	12 Amps/ Circuit (15 Amp fuse)	190.00
9020(*)	16 Amps/ Circuit (20 Amp fuse)	190.00
9025(*)	20 Amps/ Circuit (25 Amp fuse)	190.00
9030(*)	24 Amps/ Circuit (30 Amp fuse)	190.00
9035(*)	28 Amps/ Circuit (35 Amp fuse)	200.00
9040(*)	32 Amps/ Circuit (40 Amp fuse)	200.00
9045(*)	36 Amps/ Circuit (45 Amp fuse)	200.00
9050(*)	40 Amps/ Circuit (50 Amp fuse)	200.00
9060(*)	48 Amps/ Circuit (60 Amp fuse)	200.00
9070(*)	56 Amps/ Circuit (70 Amp fuse)	250.00
9080(*)	64 Amps/ Circuit (80 Amp fuse)	320.00
9090(*)	72 Amps/ Circuit (90 Amp fuse)	320.00
9100(*)	80 Amps/ Circuit (100 Amp fuse)	320.00
9110(*)	88 Amps/ Circuit (110 Amp fuse)	660.00
9125(*)	100 Amps/ Circuit (125 Amp fuse)	660.00
9150(*)	120 Amps/ Circuit (150 Amp fuse)	660.00
9175(*)	140 Amps/ Circuit (175 Amp fuse)	660.00
9200(*)	160 Amps/ Circuit (200 Amp fuse)	660.00

4232 -	03	5	1	1	0	0	–	9025(5)	Typical Model Number (4233-0351100-9025(5))

Technical Notes:
[1]Includes Chromalox Load Management Module
[2]Consult factory for 575 Vac Applications and Pricing
[3]Load Fuse Current Rating Reflects 125% of Actual Load Amps.
[4]Panel Codes 15, 16, and 17 (Maximum Sixteen Circuits of Load Fusing)
[5]Ground Fault detection requires grounded supply.
*Specify Number of Circuits (Maximum Eight Circuits of Load Fusing).
Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.

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4235 Series SCR Panel

Model

4235 **Three Phase Two-Leg Zero Cross Fired SCR Power Control Panel - NEMA 4**

Panel Configuration

UL and cUL Listed Three Phase SCR Power Control Panel rated up to 432 Amps at 208 – 600 Vac, from 1 to 6 circuits.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4 rated Enclosure for Indoor/Outdoor Applications with External Heat Sinks, Main Magnetic Disconnect Switch with Shunt Trip Feature and Sub-Circuit Fusing.
Optional Features: Process Controller, Hi-Limit Controller, Load Management Module, Ground Fault Monitor, Multi-meter (Amps & Volts) with Phase Selector Switch, Enclosure Heater and Type "Z" Purge Pressurization System.

Code	Circuits	Current @ 40°C (104°F) Ambient (with no Solar Load[3]) Max. Amps/Ckt	Total Amps	Fuse Amps/Ckt[2]	Enclosure Size HxWxD, In (cm)	Base Price
124	1	24	24	30	24 x 24 x 10 (61 x 61 x 25)	4,230.00
148	1	48	48	60	24 x 24 x 10 (61 x 61 x 25)	4,560.00
172	1	72	72	90	24 x 24 x 10 (61 x 61 x 25)	4,800.00
224	2	24	48	30	24 x 24 x 10 (61 x 61 x 25)	5,800.00
248	2	48	96	60	36 x 30 x 10 (91 x 76 x 25)	6,000.00
272	2	72	144	90	36 x 30 x 10 (91 x 76 x 25)	6,640.00
324	3	24	72	30	36 x 30 x 10 (91 x 76 x 25)	7,390.00
348	3	48	144	60	48 x 36 x 10 (122 x 91 x 25)	8,400.00
372	3	72	216	90	48 x 36 x 10 (122 x 91 x 25)	9,050.00
424	4	24	96	30	48 x 36 x 10 (122 x 91 x 25)	9,225.00
448	4	48	192	60	48 x 36 x 10 (122 x 91 x 25)	9,500.00
472	4	72	288	90	60 x 36 x 12 (152 x 92 x 31)	10,975.00
524	5	24	120	30	48 x 36 x 10 (122 x 91 x 25)	11,350.00
548	5	48	240	60	48 x 36 x 10 (122 x 91 x 25)	11,625.00
572	5	72	360	90	62 x 60 x 12 (157 x 152 x 31) Floor Mount	14,875.00
624	6	24	144	30	60 x 36 x 12 (152 x 92 x 31)	16,150.00
648	6	48	288	60	60 x 36 x 12 (152 x 92 x 31)	16,800.00
672	6	72	432	90	62 x 60 x 12 (157 x 152 x 31) Floor Mount	17,400.00

Code	Voltage	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	[1]Customer supplied SSR drive signal (12-24Vdc @ 120 mA)	nc
1	4040-SR0000 1/4 DIN SSR, Relay	490.00
2	Customer supplied 4-20mA Input to Load Management Module	1,005.00
3	4040-SR0000 1/4 DIN SSR, Relay & Load Management Module	955.00
4	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
5	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint & Load Management Module	1,145.00
6	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00
7	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet & Load Management Module	1,290.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,180.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,770.00

Code	Ground Fault Sensing/Interrupt, Cabinet Heater & "Z" Purge Pressurization Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch[3]	1,095.00
2	Cabinet Heater	565.00
3	"Z" Purge Pressurization System	3,910.00
4	Ground Fault Monitor & Cabinet Heater	1,660.00
5	Ground Fault Monitor and "Z" Purge System	5,005.00
6	Ground Fault Monitor, Cabinet Heater and "Z" Purge System	5,570.00
7	Cabinet Heater and "Z" Purge System	4,475.00

Code	Options	Adder
0	None	nc
4	Multimeter (Volts & Current)	1,960.00

4235 - 624 5 3 1 1 0 Typical Model Number (4235-62453110)

Technical Notes:

[1]Code 0: Up to Two Circuits Maximum.
[2]Load Fuse Current Rating Reflects 125% of Actual Load Amps.
[3]Ground Fault detection requires grounded supply.

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4236 SCR Series Panel

Model

4236 **Three Phase Two-Leg Zero Cross Fired SCR Power Control Panel - NEMA 4X**

Panel Configuration

UL and cUL Listed Three Phase SCR Power Control Panel rated up to 432 Amps at 208 – 600 Vac, from 1 to 6 circuits.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4X rated Enclosure for Indoor/Outdoor Applications with External Heat Sinks, Main Magnetic Disconnect Switch with Shunt Trip Feature and Sub-Circuit Fusing.
Optional Features: Process Controller, Hi-Limit Controller, Load Management Module, Ground Fault Monitor, Multi-meter (Amps & Volts) with Phase Selector Switch, Enclosure Heater and Type "Z" Purge Pressurization System.

Code	Circuits	Current @ 35°C (95°F) Ambient (with no Solar Load[3]) Max. Amps/Ckt	Total Amps	Fuse Amps/Ckt[2]	Enclosure Size HxWxD, In (cm)	Base Price
124	1	24	24	30	24 x 24 x 10 (61 x 61 x 25)	4,770.00
148	1	48	48	60	24 x 24 x 10 (61 x 61 x 25)	5,170.00
172	1	72	72	90	24 x 24 x 10 (61 x 61 x 25)	5,360.00
224	2	24	48	30	24 x 24 x 10 (61 x 61 x 25)	6,450.00
248	2	48	96	60	36 x 30 x 10 (91 x 76 x 25)	7,390.00
272	2	72	144	90	36 x 30 x 10 (91 x 76 x 25)	7,980.00
324	3	24	72	30	36 x 30 x 10 (91 x 76 x 25)	8,775.00
348	3	48	144	60	48 x 36 x 10 (122 x 91 x 25)	10,125.00
372	3	72	216	90	48 x 36 x 10 (122 x 91 x 25)	10,975.00
424	4	24	96	30	48 x 36 x 10 (122 x 91 x 25)	11,125.00
448	4	48	192	60	48 x 36 x 10 (122 x 91 x 25)	11,525.00
472	4	72	288	90	60 x 36 x 12 (152 x 92 x 31)	12,925.00
524	5	24	120	30	48 x 36 x 10 (122 x 91 x 25)	13,250.00
548	5	48	240	60	48 x 36 x 10 (122 x 91 x 25)	13,575.00
572	5	72	360	90	62 x 60 x 12 (157 x 152 x 31) Floor Mount	21,925.00
624	6	24	144	30	60 x 36 x 12 (152 x 92 x 31)	22,575.00
648	6	48	288	60	60 x 36 x 12 (152 x 92 x 31)	23,225.00
672	6	72	432	90	62 x 60 x 12 (157 x 152 x 31) Floor Mount	23,850.00

Code	Voltage	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc
6	575/600 Vac	125.00

Code	Process Controller Options	Adder
0	[1]Customer supplied SSR drive signal (12-24Vdc @ 120 mA)	nc
1	4040-SR0000 1/4 DIN SSR, Relay	490.00
2	Customer supplied 4-20mA Input to Load Management Module	1,005.00
3	4040-SR0000 1/4 DIN SSR, Relay & Load Management Module	955.00
4	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint	680.00
5	4040-SRA110 1/4 DIN SSR, Relay, Retransmit, RS485, Remote Setpoint & Load Management Module	1,145.00
6	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet	825.00
7	4080-C0SRA-04000 1/4 DIN Graphic Display, SSR, Relay, Retransmit, Ethernet & Load Management Module	1,290.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,180.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,770.00

Code	Current Leakage, Cold Environment & Hazardous Area Options	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch[4]	1,095.00
2	Cabinet Heater	565.00
3	"Z" Purge Pressurization System	3,910.00
4	Ground Fault Monitor & Cabinet Heater	1,660.00
5	Ground Fault Monitor and "Z" Purge System	5,005.00
6	Ground Fault Monitor, Cabinet Heater and "Z" Purge System	5,570.00
7	Cabinet Heater and "Z" Purge System	4,475.00

Code	Options	Adder
0	None	nc
4	Multimeter (Volts & Current)	1,960.00

4236 -	624	5	3	1	0	0	Typical Model Number (4236-62453100)

Technical Notes:

[1]Code 0: Up to Two Circuits Maximum.
[2]Load Fuse Current Rating Reflects 125% of Actual Load Amps.
[3]Ambient rating based on all sides of enclosure dissipating heat
[4]Ground Fault detection requires grounded supply.
Control Panel UL and cUL rated for NEMA 4

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IntelliPANEL™ Series 1 SCR Panel

Model

IPZ2 **Three Phase Two-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

Real Time Process Indicators:
- Heater Current
- Line Voltage
- Load Power Measurement (kW / kW/Hr)
- Duty Cycle (0 - 100 %)
- Ground Fault Leakage Trending
- Life Factor Measurement
- Resistance Monitoring
- Inlet / Outlet / Shell Temperatures
- Historical Hi / Low Temperature Indication & Record

Operational Features
- Global Alarm Display
- Alarm Setup, Mapping and Configuration
- Interlock Status Display
- Interlock Setup & Configuration
- Real Time Trending (Six Pens)
- Heater Graphics
- RS-485 MODBUS™ Communications
- Eight Sensor Inputs Selectable in Groups of Four J, K, E Thermocouples or RTD's
- Loop ID / Tagging
- Hand / Off / Auto Selection
- Language Selection Option (contact factory)

Operational Features
- Security Code Protection
- Ramp-to-Setpoint
- Built-In Help and Trouble Shooting Pages

Selectable Control Setups:
- Single Loop
- Differential

Cascade:
- Outlet and Sheath
- Process and Sheath

Remote 4 - 20 mA Command Signal

Code	Current @ 40°C (104°F) Ambient	SCR Component	Max. Number Circuits	Type 12 Enclosure Dimensions[3] H x W x D, In (cm)	Base Price
02	100 Amp	MXPCII-4-02-1-1-L0-F01-0	4	72 x 36 x 12 (183 x 92 x 31)	19,825.00
03	150 Amp	MXPCII-4-04-1-1-L0-F01-0	4	72 x 36 x 12 (183 x 92 x 31)	20,050.00
06	200 Amp	MXPCII-4-06-1-1-L0-F02-0	4	72 x 36 x 12 (183 x 92 x 31)	20,400.00
08	300 Amp	MXPCII-4-08-1-1-L0-F03-0	4	72 x 36 x 12 (183 x 92 x 31)	21,825.00
10	400 Amp	MXPCII-4-10-1-1-L0-F04-0	4	72 x 36 x 12 (183 x 92 x 31)	22,250.00
12[1]	550 Amp	MXPCII-4-12-1-1-L0-F05-0	8	60 x 60 x 12 (152 x 152 x 31)	25,200.00
14[1]	650 Amp	MXPCII-4-14-1-1-L0-F06-0	8	60 x 60 x 12 (152 x 152 x 31)	25,650.00
15[1]	800 Amp	(2) MXPCII-4-10-1-1-L0-F04-0	12	72 x 72 x 12 (183 x 183 x 31)	30,975.00
16[1]	1000 Amp	(2) MXPCII-4-12-1-1-L0-F05-0	12	72 x 72 x 12 (183 x 183 x 31)	33,950.00
17[1]	1200 Amp	(2) MXPCII-4-14-1-1-L0-F06-0	12	72 x 72 x 12 (183 x 183 x 31)	35,500.00

Code	Voltage[2]	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	400 Vac	nc
5	415 Vac	nc
6	480 Vac	nc

Code	Sensor Options	Adder
J	(8) J Thermocouple Sensor Inputs (1 - 8)	nc
K	(8) K Thermocouple Sensor Inputs (1 - 8)	nc
JK	(4) J Thermocouple Sensor Inputs (1 - 4) and (4) K Thermocouple Sensor Inputs (5 - 8)	nc
KJ	(4) K Thermocouple Sensor Inputs (1 - 4) and (4) J Thermocouple Sensor Inputs (5 - 8)	nc
R	(8) RTD Sensor Inputs (1 - 8)	nc
RJ	(4) RTD Sensor Inputs (1 - 4) and (4) J Thermocouple Sensor Inputs (5 - 8)	nc
RK	(4) RTD Sensor Inputs (1 - 4) and (4) K Thermocouple Sensor Inputs (5 - 8)	nc
JR	(4) J Thermocouple Sensor Inputs (1 - 4) and (4) RTD Sensor Inputs (5 - 8)	nc
KR	(4) K Thermocouple Sensor Inputs (1 - 4) and (4) RTD Sensor Inputs (5 - 8)	nc

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Sheath)	435.00
2	Two 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (One Sheath, One Shell)	870.00
3	Two 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Two Sheath)	870.00
4	Three 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Two Sheath, One Shell)	1,305.00
5	Three 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Three Sheath)	1,305.00

Code	Communications Option	Adder
0	None	nc
1	RS485 / 422 MODBUS™	955.00

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Code	Remote On / Off Shutdown Contactor Option (per Sub-Circuit)	Adder / Contactor
0	None	nc
1(*)	Industrial Three-Pole Contactor 25 Amp Rating	160.00
2(*)	Industrial Three-Pole Contactor 35 Amp Rating	170.00
3(*)	Industrial Three-Pole Contactor 40 Amp Rating	180.00
4(*)	Industrial Three-Pole Contactor 50 Amp Rating	190.00
5(*)	Industrial Three-Pole Contactor 60 Amp Rating	215.00
6(*)	Industrial Three-Pole Contactor 70 Amp Rating	220.00
7(*)	Industrial Three-Pole Contactor 80 Amp Rating	270.00
8(*)	Industrial Three-Pole Contactor 110 Amp Rating	300.00

Code	Load Circuit Breaker Option (Thermal Magnetic Circuit Breakers)	Adder/Ckt
9000	None	nc
9025(*)	20 Amps/Ckt (25 Amp Circuit Breaker)	335.00
9030(*)	24 Amps/Ckt (30 Amp Circuit Breaker)	335.00
9035(*)	28 Amps/Ckt (35 Amp Circuit Breaker)	335.00
9040(*)	32 Amps/Ckt (40 Amp Circuit Breaker)	335.00
9045(*)	36 Amps/Ckt (45 Amp Circuit Breaker)	335.00
9050(*)	40 Amps/Ckt (50 Amp Circuit Breaker)	335.00
9060(*)	48 Amps/Ckt (60 Amp Circuit Breaker)	335.00
9070(*)	56 Amps/Ckt (70 Amp Circuit Breaker)	375.00
9080(*)	64 Amps/Ckt (80 Amp Circuit Breaker)	375.00
9090(*)	72 Amps/Ckt (90 Amp Circuit Breaker)	375.00
9100(*)	80 Amps/Ckt (100 Amp Circuit Breaker)	375.00
9110(*)	88 Amps/Ckt (110 Amp Circuit Breaker)	760.00

IPZ2 -	03	5	J	2	1	4(3)	- 9070(3)	Typical Model Number (IPZ2-03J214(3)-9070(3))

Technical Notes:

[1]Enclosure for codes 12, 14, 15, 16, and 17 are Floor-Mount Designs

[2]Consult Factory for 575/600 Vac Applications and Pricing

[3]Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.

* Specify Quantity of Circuits

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IntelliPANEL™ Series 1 SCR Panel

Model

IPZ3 **Three Phase Three-Leg Zero Fired SCR Power Control Panel**

Panel Configuration

Real Time Process Indicators:
- Heater Current
- Line Voltage
- Load Power Measurement (kW / kW/Hr)
- Duty Cycle (0 - 100 %)
- Ground Fault Leakage Trending
- Life Factor Measurement
- Resistance Monitoring
- Inlet / Outlet / Shell Temperatures
- Historical Hi / Low Temperature Indication & Record

Operational Features
- Global Alarm Display
- Alarm Setup, Mapping and Configuration
- Interlock Status Display
- Interlock Setup & Configuration
- Real Time Trending (Six Pens)
- Heater Graphics
- RS-485 MODBUS™ Communications
- Eight Sensor Inputs Selectable in Groups of Four J, K, E Thermocouples or RTD's
- Loop ID / Tagging
- Hand / Off / Auto Selection
- Language Selection Option (contact factory)

Operational Features
- Security Code Protection
- Ramp-to-Setpoint
- Built-In Help and Trouble Shooting Pages

Selectable Control Setups:
- Single Loop
- Differential

Cascade:
- Outlet and Sheath
- Process and Sheath

Remote 4 - 20 mA Command Signal

Code	Current @ 40°C (104°F) Ambient	SCR Component	Max. Number Circuits	Type 12 Enclosure Dimensions[3] H x W x D, In (cm)	Base Price
02	100 Amp	MXPCIII-4-02-1-1-L0-F01-0	4	60 x 48 x 12 (152 x 122 x 31)	21,425.00
03	150 Amp	MXPCIII-4-04-1-1-L0-F01-0	4	60 x 48 x 12 (152 x 122 x 31)	21,575.00
06	200 Amp	MXPCIII-4-06-1-1-L0-F02-0	4	60 x 48 x 12 (152 x 122 x 31)	22,425.00
08	300 Amp	MXPCIII-4-08-1-1-L0-F03-0	4	60 x 48 x 12 (152 x 122 x 31)	24,000.00
10	400 Amp	MXPCIII-4-10-1-1-L0-F04-0	4	60 x 48 x 12 (152 x 122 x 31)	24,850.00
12[1]	550 Amp	MXPCIII-4-12-1-1-L0-F05-0	8	72 x 60 x 12 (183 x 152 x 31)	28,100.00
14[1]	650 Amp	MXPCIII-4-14-1-1-L0-F06-0	8	72 x 60 x 12 (183 x 152 x 31)	28,375.00
15[1]	800 Amp	(2) MXPCIII-4-10-1-1-L0-F04-0	16	84 x 112 x 14 (214 x 284 x 36)	38,075.00
16[1]	1000 Amp	(2) MXPCIII-4-12-1-1-L0-F05-0	16	84 x 112 x 14 (214 x 284 x 36)	41,275.00
17[1]	1200 Amp	(2) MXPCIII-4-14-1-1-L0-F06-0	16	84 x 112 x 14 (214 x 284 x 36)	43,825.00

Code	Voltage[2]	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	400 Vac	nc
5	415 Vac	nc
6	480 Vac	nc

Code	Sensor Options	Adder
J	(8) J Thermocouple Sensor Inputs (1 - 8)	nc
K	(8) K Thermocouple Sensor Inputs (1 - 8)	nc
JK	(4) J Thermocouple Sensor Inputs (1 - 4) and (4) K Thermocouple Sensor Inputs (5 - 8)	nc
KJ	(4) K Thermocouple Sensor Inputs (1 - 4) and (4) J Thermocouple Sensor Inputs (5 - 8)	nc
R	(8) RTD Sensor Inputs (1 - 8)	nc
RJ	(4) RTD Sensor Inputs (1 - 4) and (4) J Thermocouple Sensor Inputs (5 - 8)	nc
RK	(4) RTD Sensor Inputs (1 - 4) and (4) K Thermocouple Sensor Inputs (5 - 8)	nc
JR	(4) J Thermocouple Sensor Inputs (1 - 4) and (4) RTD Sensor Inputs (5 - 8)	nc
KR	(4) K Thermocouple Sensor Inputs (1 - 4) and (4) RTD Sensor Inputs (5 - 8)	nc

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Sheath)	435.00
2	Two 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (One Sheath, One Shell)	870.00
3	Two 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Two Sheath)	870.00
4	Three 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Two Sheath, One Shell)	1,305.00
5	Three 6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485 (Three Sheath)	1,305.00

Code	Communications Option	Adder
0	None	nc
1	RS485 / 422 MODBUS™	955.00

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Code	Remote On / Off Shutdown Contactor Option (per Sub-Circuit)	Adder / Contactor
0	None	nc
1(*)	Industrial Three-Pole Contactor 25 Amp Rating	160.00
2(*)	Industrial Three-Pole Contactor 35 Amp Rating	170.00
3(*)	Industrial Three-Pole Contactor 40 Amp Rating	180.00
4(*)	Industrial Three-Pole Contactor 50 Amp Rating	190.00
5(*)	Industrial Three-Pole Contactor 60 Amp Rating	215.00
6(*)	Industrial Three-Pole Contactor 70 Amp Rating	220.00
7(*)	Industrial Three-Pole Contactor 80 Amp Rating	270.00
8(*)	Industrial Three-Pole Contactor 110 Amp Rating	300.00

Code	Load Circuit Breaker Option (Thermal Magnetic Circuit Breakers)	Adder/Ckt
9000	None	nc
9025(*)	20 Amps/Ckt (25 Amp Circuit Breaker)	335.00
9030(*)	24 Amps/Ckt (30 Amp Circuit Breaker)	335.00
9035(*)	28 Amps/Ckt (35 Amp Circuit Breaker)	335.00
9040(*)	32 Amps/Ckt (40 Amp Circuit Breaker)	335.00
9045(*)	36 Amps/Ckt (45 Amp Circuit Breaker)	335.00
9050(*)	40 Amps/Ckt (50 Amp Circuit Breaker)	335.00
9060(*)	48 Amps/Ckt (60 Amp Circuit Breaker)	335.00
9070(*)	56 Amps/Ckt (70 Amp Circuit Breaker)	375.00
9080(*)	64 Amps/Ckt (80 Amp Circuit Breaker)	375.00
9090(*)	72 Amps/Ckt (90 Amp Circuit Breaker)	375.00
9100(*)	80 Amps/Ckt (100 Amp Circuit Breaker)	375.00
9110(*)	88 Amps/Ckt (110 Amp Circuit Breaker)	425.00

IPZ3 -	03	6	J	2	1	4(3)	- 9070(3)	Typical Model Number (IPZ3-036J214(3)-9070(3))

Technical Notes:

[1]Enclosure for codes 12, 14, 15, 16, and 17 are Floor-Mount Designs

[2]Consult Factory for 575/600 Vac Applications and Pricing

[3]Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1.

* Specify Quantity of Circuits

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4464 / 4466 / 4468 Contactor Panel

3 Phase Contactor Power Control Panel

Model	NEMA Rating	Enclosure Material	Enclosure Size No Fusing Option H x W x D, In (cm)	Enclosure Size *with* Fusing Option H x W x D, In (cm)	Base Price
4464	**4X**	**304 Stainless**	**20 x 16 x 10 (51 x 41 x 25)**	**20 x 16 x 10 (51 x 41 x 25)**	1,130.00
4466	**4**	**Painted Steel**	**20 x 16 x 8 (51 x 41 x 20)**	**20 x 16 x 8 (51 x 41 x 20)**	785.00
4468	**4X**	**Fiberglas®**	**16 x 14 x 8 (41 x 36 x 20)**	**18 x 16 x 10 (46 x 41 x 25)**	670.00

Panel Configuration

UL and cUL Listed Three Phase Contactor Power Control Panel rated up to 100 Amps at 120 – 600 Vac. Choose from three enclosure options for Indoor or Outdoor applications.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer & Secondary Fusing for 120 volt Control Circuit, Three-Pole Control Contactor.
Optional Features: Cabinet Heater, Main Disconnect Switch, Process Controller, Hi-Limit Controller and Load Fusing.

Code	Current @ 40°C (104°F) Ambient	Adder
3	40 Amp	155.00
6	75 Amp	220.00
9	100 Amp	285.00

Code	Line Voltage	Adder
0	120/208/240/480 VAC	nc
1	575/600 VAC	325.00
9	Special	Consult Sales

Code	Process Controller Options	Adder
0	Terminal Block for Customer Supplied Control Signal (Dry Contact or Soldis State Relay, 120 Vac)	nc
1	6040-RR0000 1/16 DIN Relay, Relay	335.00
2	6040-RRA100 1/16 DIN Relay, Relay, Retransmit , RS485	435.00
3	4040-RR0000 1/4 DIN Relay, Relay	490.00
4	4040-RRA110 1/4 DIN Relay, Relay, Retransmit, RS485, Remote Setpoint	680.00

Code	Options	Adder
0	None	nc
1	Main Disconnect Switch	205.00
2	Enclosure Heater	565.00
3	Main Disconnect Switch & Enclosure Heater	770.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R000 1/16 DIN Fixed 5A Relay, Relay	335.00
2	6050-1RA10 1/16 DIN Fixed 5A Relay, Relay, Retransmit, RS485	435.00
3	4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
4	4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00

Code	Load Fusing Option	Adder/Ckt
Blank	None	nc
9010(*)	8 Amps/Circuit (10 Amp fuse)	190.00
9015(*)	12 Amps/Circuit (15 Amp fuse)	190.00
9020(*)	16 Amps/Circuit (20 Amp fuse)	190.00
9025(*)	20 Amps/Circuit (25 Amp fuse)	190.00
9030(*)	24 Amps/Circuit (30 Amp fuse)	190.00
9035(*)	28 Amps/Circuit (35 Amp fuse)	190.00
9040(*)	32 Amps/Circuit (40 Amp fuse)	200.00
9045(*)	36 Amps/Circuit (45 Amp fuse)	200.00
9050(*)	40 Amps/Circuit (50 Amp fuse)	200.00
9060(*)	48 Amps/Circuit (60 Amp fuse)	200.00
9070(*)	56 Amps/Circuit (70 Amp fuse)	250.00
9080(*)	64 Amps/Circuit (80 Amp fuse)	320.00
9090(*)	72 Amps/Circuit (90 Amp fuse)	320.00
9100(*)	80 Amps/Circuit (100 Amp fuse)	320.00
9110(*)	88 Amps/Circuit (110 Amp fuse)	660.00
9125(*)	100 Amps/Circuit (125 Amp fuse)	660.00

*Specify Number of Circuits (Maximum Three Circuits of Load Fusing).

4468	-	3	0	1	1	1 –	9025(3)	Typical Model Number (4468-30111)

In Stock

Model	PCN	List Price	
4468-30100	360022	1,160.00	New
4468-30101	314798	1,495.00	New
4468-30110	314800	1,365.00	New
4468-30111	314819	1,700.00	New

Model	PCN	List Price	
4468-60100	360073	1,225.00	New
4468-60101	314827	1,560.00	New
4468-60110	314835	1,430.00	New
4468-60111	314843	1,765.00	New

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4463 Series Contactor Panel

Model

4463 **Multi-Zone Contactor Power Control Panel NEMA 4X Rated**

Panel Configuration

UL and cUL Listed Three Phase or Single Phase Contactor Power Control Panel with 1 – 4 Independent 40 Amp Zones at 240 or 480 Vac.
Standard Features: Factory pre-wired for quick installation, NEMA 4X rated Enclosure, Terminal Blocks for Customer supplied 120 Vac Control Power and one Digital Process Temperature Controller for each Zone.

Code	Control Zones	Enclosure Size HxWxD, In (cm)	Base Price
10	One 6040-RR0000 1/16 DIN Relay, Relay with One Three-Pole 40 Amp rated Industrial Contactor	16 x 14 x 8 (41 x 36 x 20)	1,235.00
20	Two 6040-RR0000 1/16 DIN Relay, Relay with Two Three-Pole 40 Amp rated Industrial Contactors	16 x 14 x 8 (41 x 36 x 20)	1,530.00
30	Three 6040-RR0000 1/16 DIN Relay, Relay with Three Three-Pole 40 Amp rated Industrial Contactors	16 x 14 x 8 (41 x 36 x 20)	2,115.00
40	Four 6040-RR0000 1/16 DIN Relay, Relay with Four Three-Pole 40 Amp rated Industrial Contactors	16 x 14 x 8 (41 x 36 x 20)	2,460.00

Code	
000	Add to Complete Model Number

4463 - 30 000 Typical Model Number (4463-30000)

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4477 Series Contactor Panel

Model

4477 **Three Phase MINI Explosion-Proof Contactor Power Control Panel - Class I, Division II**

Panel Configuration

Three Phase Contactor Power Control Panel rated up to 45 & 75 Amps and is suitable for Class 1, Div. 1 & 2, Group C & D Areas.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 7/4 rated Explosion-Proof Enclosure for Indoor/Outdoor Hazardous Areas, Main Thermal Magnetic Disconnect Switch, Three-Pole Contactor for Power Switching.
Optional Features: Process Controller, Hi-Limit Controller, Panel Door Viewing Window, Enclosure Heater, and Ground Fault Monitor.

Code	Current @ 40°C (104°F) Ambient	Enclosure Dimensions HxWxD, In (cm)	Base Price
40	45 Amp	29 x 21 x 9 (74 x 53 x 23)	7,570.00
75	75 Amp	29 x 21 x 9 (74 x 53 x 23)	8,310.00

Code	Process Controller Options	Adder
0	Terminal Block for Customer Supplied Control (Dry Contact or Solid State Switch, 120 Vac)	nc
1	6040-RR0000 1/16 DIN Relay, Relay	335.00
2	6040-RRA100 1/16 DIN Relay, Relay, Retransmit , RS485	435.00
3	4040-RR0000 1/4 DIN Relay, Relay	490.00
4	4040-RRA110 1/4 DIN Relay, Relay, Retransmit, RS485, Remote Setpoint	680.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	6050-1R020 1/16 DIN Fixed 5A Relay, Relay, Digital Input	400.00
2	6050-1RA20 1/16 DIN Fixed 5A Relay, Relay, Retransmit, Digital Input	435.00
3	4050-1R020 1/4 DIN Fixed 5A Relay, Relay, Digital Input	555.00
4	4050-1RA20 1/4 DIN Fixed 5A Relay, Relay, Retransmit, Digital Input	590.00

Code	Options	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch	1,095.00
2	Enclosure Heater	565.00
3	Enclosure Door Viewing Window	455.00
4	Ground Fault Monitor & Enclosure Heater	1,660.00
5	Ground Fault Monitor & Enclosure Viewing Window	1,550.00
6	Ground Fault Monitor, Enclosure Heater, and Enclosure Viewing Window	2,115.00
7	Enclosure Heater and Enclosure Viewing Window	1,020.00

4477 -	40	2	1	3	Typical Model Number (4477-40213)

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This pricing supercedes all prior MIPL releases.

4432 Series Power Contactor Panel

Model

4432 **Three Phase Contactor Power Control Panel with Optional SCR Trim Load Control**

Panel Configuration

UL / cUL Listed 3-Phase Contactor Power Control Panel rated up to 576 total Amps at 208 - 480 Vac, from 1 to 6 circuits.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure for Indoor/Outdoor Applications, Main Magnetic Disconnect Switch with Shunt Trip Feature, 3-Pole Contactors, and Sub-Circuit Fusing.
Optional Features: Process Controller, Hi-Limit Controller(s), Stepper, SCR Trim Load, Ground Fault Monitor, Multi-meter (Amps & Volts) with Phase Selector Switch, Floor Stand Kit, Enclosure Heater and Type "Z" Purge Pressurization System.

Code	Circuits	Current @ 40°C (104°F) Ambient (with no Solar Load[3]) Max. Amps/Ckt	Total Amps	Fuse Amps/Ckt[2]	Enclosure Size, HxWxD, In (cm)	Base Price
124	1	24	24	30	24 x 24 x 10 (61 x 61 x 25)	2,770.00
148	1	48	48	60	24 x 24 x 10 (61 x 61 x 25)	3,000.00
180	1	80	80	100	24 x 24 x 10 (61 x 61 x 25)	3,240.00
196	1	96	96	120	24 x 24 x 10 (61 x 61 x 25)	3,470.00
224	2	24	48	30	36 x 30 x 10 (91 x 76 x 25)	3,990.00
248	2	48	96	60	36 x 30 x 10 (91 x 76 x 25)	4,350.00
280	2	80	160	100	36 x 30 x 10 (91 x 76 x 25)	4,690.00
296	2	96	192	120	48 x 36 x 10 (122 x 91 x 25)	6,340.00
324	3	24	72	30	48 x 36 x 10 (122 x 91 x 25)	6,590.00
348	3	48	144	60	48 x 36 x 10 (122 x 91 x 25)	6,920.00
380	3	80	240	100	48 x 36 x 10 (122 x 91 x 25)	7,290.00
396	3	96	288	120	48 x 36 x 10 (122 x 91 x 25)	8,350.00
424	4	24	96	30	48 x 36 x 10 (122 x 91 x 25)	7,170.00
448	4	48	192	60	48 x 36 x 10 (122 x 91 x 25)	8,150.00
480	4	80	320	100	48 x 36 x 10 (122 x 91 x 25)	8,500.00
496	4	96	384	120	48 x 36 x 10 (122 x 91 x 25)	9,600.00
524	5	24	120	30	48 x 36 x 10 (122 x 91 x 25)	7,810.00
548	5	48	240	60	48 x 36 x 10 (122 x 91 x 25)	8,950.00
580	5	80	400	100	48 x 36 x 10 (122 x 91 x 25)	Consult Factory*
596	5	96	480	120	60 x 36 x 10 (152 x 91 x 25)	Consult Factory*
624	6	24	144	30	48 x 36 x 10 (122 x 91 x 25)	8,400.00
648	6	48	288	60	48 x 36 x 10 (122 x 91 x 25)	9,510.00
680	6	80	480	100	60 x 36 x 10 (152 x 91 x 25)	Consult Factory*
696	6	96	576	120	60 x 36 x 10 (152 x 91 x 25)	Consult Factory*

Code	Voltage	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc

Code	Process Controller Options	Adder
0	Customer Supplied Signal (Dry Contact or Solid State Switch, 120 Vac)	nc
1	4040-TRA100 1/4 DIN TRIAC, Relay, Retransmit, RS485 Controller	590.00
2	Customer Supplied Signal to Stepper (4 - 20 mA).	1,150.00
3	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 Controller & Stepper	1,730.00
4	Customer Supplied Digital Signal for Stepper and One 24 or 48 Amp SCR Trim Load	2,020.00
5	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 & Stepper & One 24 or 48 Amp SCR Trim Load	2,250.00
6	Customer Supplied Digital Signal for Stepper and One 80 or 96 Amp SCR Trim Load	2,500.00
7	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 & Stepper & One 80 or 96 Amp SCR Trim Load	2,660.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,175.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,765.00

Code	Ground Fault Sensing/Interrupt, Cabinet Heater and "Z" Purge Pressurization Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch**	1,095.00
2	Cabinet Heater	565.00
3	"Z" Purge Pressurization System	3,910.00
4	Ground Fault Monitor & Cabinet Heater	1,660.00
5	Ground Fault Monitor and "Z" Purge System	5,005.00
6	Ground Fault Monitor, Cabinet Heater and "Z" Purge System	5,570.00
7	Cabinet Heater and "Z" Purge System	4,475.00

Code	Options	Adder
0	None	nc
1	Multimeter (Volts & Current)	1,960.00

4432 - 624 5 3 1 0 0 Typical Model Number (4432-62453100)

Technical Notes:
Load Fuse Current Rating Reflects 125% of Actual Load Amps.

*External cooling required.
**Ground Fault detection requires grounded supply.

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4436 Series Power Contactor Panel

Model

4436 **Three Phase Contactor Power Control Panel with Optional SCR Trim Load Control**

Panel Configuration

UL / cUL Listed 3-Phase Contactor Power Control Panel rated up to 576 total Amps at 208 - 480 Vac, from 1 to 6 circuits.
Standard Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4X rated 304 Stainless Steel Enclosure for Indoor/Outdoor Applications, Main Magnetic Disconnect Switch with Shunt Trip Feature, 3-Pole Contactors and Sub-Circuit Fusing.
Optional Features: Process Controller, Hi-Limit Controller(s), Stepper, SCR Trim Load, Ground Fault Monitor, Multi-meter (Amps & Volts) with Phase Selector Switch, Floor Stand Kit, Enclosure Heater, and Type "Z" Purge Pressurization System.

Code	Circuits	Current @ 40°C (104°F) Ambient (with no Solar Load[3]) Max. Amps/Ckt	Total Amps	Fuse Amps/Ckt[2]	Enclosure Size, HxWxD, In (cm)	Base Price
124	1	24	24	30	24 x 24 x 12 (61 x 61 x 30)	4,520.00
148	1	48	48	60	24 x 24 x 12 (61 x 61 x 30)	4,640.00
180	1	80	80	100	24 x 24 x 12 (61 x 61 x 30)	4,930.00
196	1	96	96	120	24 x 24 x 12 (61 x 61 x 30)	5,280.00
224	2	24	48	30	36 x 30 x 12 (91 x 76 x 30)	6,160.00
248	2	48	96	60	36 x 30 x 12 (91 x 76 x 30)	6,540.00
280	2	80	160	100	36 x 30 x 12 (91 x 76 x 30)	6,810.00
296	2	96	192	120	48 x 36 x 12 (122 x 91 x 30)	8,650.00
324	3	24	72	30	48 x 36 x 12 (122 x 91 x 30)	9,000.00
348	3	48	144	60	48 x 36 x 12 (122 x 91 x 30)	9,600.00
380	3	80	240	100	48 x 36 x 12 (122 x 91 x 30)	10,225.00
396	3	96	288	120	48 x 36 x 12 (122 x 91 x 30)	11,475.00
424	4	24	96	30	48 x 36 x 12 (122 x 91 x 30)	9,875.00
448	4	48	192	60	48 x 36 x 12 (122 x 91 x 30)	10,525.00
480	4	80	320	100	48 x 36 x 12 (122 x 91 x 30)	10,825.00
496	4	96	384	120	48 x 36 x 12 (122 x 91 x 30)	12,050.00
524	5	24	120	30	48 x 36 x 12 (122 x 91 x 30)	10,525.00
548	5	48	240	60	48 x 36 x 12 (122 x 91 x 30)	11,075.00
580	5	80	400	100	48 x 36 x 12 (122 x 91 x 30)	Consult Factory*
596	5	96	480	120	60 x 36 x 12 (152 x 91 x 30)	Consult Factory*
624	6	24	144	30	48 x 36 x 12 (122 x 91 x 30)	11,725.00
648	6	48	288	60	48 x 36 x 12 (122 x 91 x 30)	12,325.00
680	6	80	480	100	60 x 36 x 12 (152 x 91 x 30)	Consult Factory*
696	6	96	576	120	60 x 36 x 12 (152 x 91 x 30)	Consult Factory*

Code	Voltage	Adder
1	208 Vac	nc
2	240 Vac	nc
3	380 Vac	nc
4	415 Vac	nc
5	480 Vac	nc

Code	Process Controller Options	Adder
0	Customer Supplied Signal (Dry Contact or Soldid State Relay, 120 Vac)	nc
1	4040-TRA100 1/4 DIN TRIAC, Relay, Retransmit, RS485 Controller	590.00
2	Customer Supplied Signal to Stepper (4 - 20 mA).	1,150.00
3	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 Controller & Stepper	1,730.00
4	Customer Supplied Digital Signal for Stepper and One 24 or 48 Amp SCR Trim Load	2,020.00
5	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 & Stepper & One 24 or 48 Amp SCR Trim Load	2,250.00
6	Customer Supplied Digital Signal for Stepper and One 80 or 96 Amp SCR Trim Load	2,500.00
7	4040-SRA100 1/4 DIN SSR, Relay, Retransmit, RS485 & Stepper & One 80 or 96 Amp SCR Trim Load	2,660.00

Code	Overtemperature Controller Options	Adder
0	None	nc
1	One 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	490.00
2	Two 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	980.00
3	Three 4050-1R000 1/4 DIN Fixed 5A Relay, Relay	1,470.00
4	One 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	590.00
5	Two 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,175.00
6	Three 4050-1RA10 1/4 DIN Fixed 5A Relay, Relay, Retransmit, RS485	1,765.00

Code	Ground Fault Sensing/Interrupt, Cabinet Heater, and "Z" Purge Pressurization Option	Adder
0	None	nc
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch**	1,095.00
2	Cabinet Heater	565.00
3	"Z" Purge Pressurization System	3,910.00
4	Ground Fault Monitor & Cabinet Heater	1,660.00
5	Ground Fault Monitor and "Z" Purge System	5,005.00
6	Ground Fault Monitor, Cabinet Heater and "Z" Purge System	5,570.00
7	Cabinet Heater and "Z" Purge System	4,475.00

Code	Options	Adder
0	None	nc
1	Multimeter (Volts & Current)	1,960.00

4436 -	624	5	3	1	0	0	Typical Model Number (4436-62453100)

Technical Notes:
Load Fuse Current Rating Reflects 125% of Actual Load Amps.

*External cooling required.
**Ground Fault detection requires grounded supply.

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ITC1 & ITC2 Heat Trace Controller

Line and/or Ambient Sensing Heat Trace Controller - 1 & 2 Circuits

UL/cUL Listed - Ordinary Areas and Class I, Division 2

Model	Product Description
ITC	The Chromalox ITC series IntelliTRACE Controller will control 1 or 2 circuits and is designed for industrial Heat Trace Line and/or Ambient Sensing applications in Non-Hazardous or Hazardous (Class I, Division 2) areas. The ITC is a wall mounted device that operates at 100 - 277 VAC and rated at 40A per circuit in a -40°F to 104°F (-40°C to 40°C) Ambient. Standard features: NEMA 4X FG enclosure, 3.5" High Resolution TFT Display with integral display heater, front panel capacitive touch switches & LED Indication of Power, Load & Alarm. PID, ON/OFF or Manual SSR power control, with a selectable Soft Start program and accepts up to 2 RTD sensors per circuit for Ambient and/or Line Sensing, min/max, average or redundant sensing options. Other standard features include: 2 x common alarm outputs (1 x AC, 1 x DC), Alarms for Low/High Temperature & Current, GFEP (Ground Fault Equipment Protection) & Sensor Failure, ModBus RTU/RS485 Communications and user selectable manual output on failed sensor. Stainless Steel wall mounting brackets are included.

Code	Number of Circuits	Price
1 -	1 Circuit, UL/cUL	$1,000.00
2 -	2 Circuits, UL/cUL	$1,600.00

Code	Communications		Adder
0	ModBus RTU/RS485		n/c
1	ModBus TCP/Ethernet	(Pending)	Pending
9	Other Communications		Consult Factory

Code	Enclosure	Enclosure Size H x W x D, In (cm)	(Heat sink adds 1-3/4" to depth)	Adder
0	NEMA 4X Fiberglas	10 x 8 x 6 (26 x 21 x 15)		n/c

Code	Add to Complete Model Number	Adder
0		n/c

ITC 2 - 0 0 0

Includes: Wall Mounting Brackets, 1 Set, Stainless Steel, 16 ga, with Mounting holes.

Prices are List, Schedule C discount

In Stock:

Model	PCN
ITC1-000	316101
ITC2-000	316110

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IntelliTRACE™ Single Loop Line Sensing Heat Trace Panel

Model

HTLS **IntelliTRACE 1000 Series Line / Ambient Sensing Heat Trace Panel**

Panel Configuration

UL and cUL Listed Single Loop Line Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes:
Solid State Relay, Current Transformer, High-Low Temperature Alarms, Low Current Alarm, On/Off or PID Control, Universal Sensor Inputs,
Dual Digital Displays,Terminal Blocks for Field Connections, Loop Enable/Disable, NEMA 4X rated Enclosure (12.5"H x 10.5"W x 6"D)
for Indoor/Outdoor Applications. Options Include: Ground Fault Monitoring or Shutdown and RS-485 Communications.

Code	Single Loop of Heat Trace Control	Base Price
1	Solid State Relay Control Rated 30 Amps @ 40° C Ambient (NEMA 4)	1,260.00
1C	Electromechanical Contractor Control Rated 30 Amps @ 40° C Ambient (NEMA 4X)	1,200.00

Code	Voltage		Adder
	Line Voltage (Single Phase)	**Load Voltage (Single Phase)**	
0	120 Vac	120 Vac	nc
1	240 Vac	240 Vac	nc
2	277 Vac	277 Vac (240 Vac Cable)	80.00
3	208 Vac	208 Vac (240 Vac Cable)	nc
4	480 Vac	480 Vac	80.00

Code	Controller Options	Adder
0	IntelliTRACE Controller (Code 1 Solid State Relay)	nc
1	IntelliTRACE Controller with Communications (Code 1 Solid State Relay)	75.00
2	IntelliTRACE Controller (Code 1C Contactor Control)	nc
3	IntelliTRACE Controller with Communications (Code 1C Contactor Control)	75.00

Code	Ground Fault Monitoring Options*	Adder
0	None	nc
1	Ground Fault Monitor 120 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	630.00
2	Ground Fault Monitor 240 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	630.00
3	Ground Fault Monitor 120 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	630.00
4	Ground Fault Monitor 208 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	630.00
5	15 Amp, 120 Vac, 1-Pole GFI Circuit Breaker	245.00
6	20 Amp, 120 Vac, 1-Pole GFI Circuit Breaker	245.00
7	25 Amp, 120 Vac, 1-Pole GFI Circuit Breaker	245.00
8	30 Amp, 120 Vac, 1-Pole GFI Circuit Breaker	245.00
A	15 Amp, 277 Vac, 1-Pole GFI Circuit Breaker	545.00
B	20 Amp, 277 Vac, 1-Pole GFI Circuit Breaker	545.00
C	30 Amp, 277 Vac, 1-Pole GFI Circuit Breaker	545.00
E	15 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker	365.00
F	20 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker	365.00
G	25 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker	365.00
H	30 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker	365.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLS -	1	1	0	2	0	Typical Model Number (HTLS-11020)

*Ground Fault detection requires a grounded supply.

In Stock

Model	Description	PCN	List Price
HTLS-10000	Single Loop	329666	1,260.00
HTLS-10010	Single Loop	329631	1,890.00
HTLS-11020	Single Loop	329643	1,890.00
HTLS-12030	Single Loop	329658	1,970.00

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IntelliTRACE™ Dual Loop Line Sensing Heat Trace Panel

Model

HTLS **IntelliTRACE 2000 Series Line / Ambient Sensing Heat Trace Panel**

Panel Configuration

UL and cUL Listed Dual Loop Line / Ambient Sensing Temperature / Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Solid State Relays or Contactor Control, Current Transformers, High-Low Temperature Alarms, Low Current Alarms, On/Off or PID Control, Universal Sensor Inputs, Dual Digital Displays,Terminal Blocks for Field Connections, Loop Enable / Disable, NEMA 4/4X rated Enclosure (16"H x 14"W x 8"D) for Indoor / Outdoor Applications. Options Include: Ground Fault Monitoring and Selectable Shutdown, GFI Thermal Magnetic Circuit Breakers, Enclosure Heater, and RS-485 MODBUS Communications.

Code	Dual Loop Heat Trace Control	Base Price
2	Solid State Relay Control Rated 30 Amps per Loop @ 40° C Ambient (NEMA 4)	1,860.00
2C	Electromechanical Contactor Control per Loop Rated 30 Amps per Loop @ 40° C Ambient (NEMA 4X)	1,750.00

Code	Voltage		Adder
	Line Voltage (Single Phase)	**Load Voltage (Single Phase)**	
0	120 Vac	120 Vac	nc
1	240 Vac	240 Vac	nc
2	277 Vac	277 Vac (240 Vac Cable)	80.00
3	208 Vac	208 Vac (240 Vac Cable)	nc
4	480 Vac	480 Vac	80.00

Code	Controller	Adder
0	IntelliTRACE Controllers (Code 2 Solid State Relay)	nc
1	IntelliTRACE Controllers with Communications (Code 2 Solid State Relay)	160.00
2	IntelliTRACE Controllers (Code 2C Solid Contactor Control)	nc
3	IntelliTRACE Controllers with Communications (Code 2C Contactor Control)	160.00

Code	Ground Fault Monitoring Options*	Adder
0	None	nc
1	Ground Fault Monitor 120 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,255.00
2	Ground Fault Monitor 240 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,255.00
3	Ground Fault Monitor 277 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,255.00
4	Ground Fault Monitor 208 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,255.00
5	15 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	485.00
6	20 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	485.00
7	25 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	485.00
8	30 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	485.00
A	15 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,085.00
B	20 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,085.00
C	30 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,085.00
E	15 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	725.00
F	20 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	725.00
G	25 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	725.00
H	30 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	725.00

Code	Cabinet Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLS -	2	0	0	0	0	Typical Model Number (HTLS-20000)

*Ground Fault detection requires grounded supply.

In Stock

Model	PCN
HTLS-20000	329674

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IntelliTRACE™ Three Loop Line Sensing Heat Trace Panel

Model

HTLS **IntelliTRACE 3000 Series Line Sensing Heat Trace Panel**

Panel Configuration

UL and cUL Listed Three Loop Line Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Three-Pole Door-Interlocked Disconnect Switch, Solid State Relay or Contactor Control, High or Low Temperature Alarm, Low Current Alarms, On/Off or PID Control, Universal Sensor Inputs, Dual Digital Display,Terminal Blocks for Field Connections, Loop Standby Mode, NEMA 4 Steel Enclosure (20"H x 20"W x 8"D) for Indoor/Outdoor Applications. Options Include: Ground Fault Monitoring and Selectable Shutdown, GFI Thermal Magnetic Circuit Breakers, Enclosure Heater and RS-485 MODBUS[IM] Communications.

Code	Three Loop of Heat Trace Control	Base Price
3	Solid State Relay Control Rated 30 Amps per Loop @ 40° C Ambient	5,040.00
3C	Electromechanical Contactor Control per Loop Rated 30 Amps Inductive per Loop @ 40° C Ambient	4,500.00

Code	Voltage		Adder
	Line Voltage (Three Phase)	**Load Voltage**	
0	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
1	240 Vac, 3 Phase	240 Vac	nc
2	480/277 Vac, 3 Phase, 4 Wire	277 Vac (240 Vac Cable)	80.00
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc

Code	Controller	Adder
0	IntelliTRACE Controllers (Code 3 Solid State Relay)	nc
1	IntelliTRACE Controllers with Communications (Code 3 Solid State Relay)	230.00
2	IntelliTRACE Controllers (Code 3C Solid Contactor Control)	nc
3	IntelliTRACE Controllers with Communications (Code 3C Contactor Control)	230.00

Code	Ground Fault Monitoring Options*	Adder
0	None	nc
1	Ground Fault Monitor 120 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,880.00
2	Ground Fault Monitor 240 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,880.00
3	Ground Fault Monitor 277 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,880.00
4	Ground Fault Monitor 208 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	1,880.00
5	15 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	725.00
6	20 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	725.00
7	25 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	725.00
8	30 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	725.00
A	15 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,625.00
B	20 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,625.00
C	30 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	1,625.00
E	15 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,080.00
F	20 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,080.00
G	25 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,080.00
H	30 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,080.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLS -	3	1	0	2	0	Typical Model Number (HTLS-31020)

* Ground Fault Detection requires grounded supply.

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IntelliTRACE™ Four Loop Line Sensing Heat Trace Panel

Model

HTLS **IntelliTRACE 4000 Series Line Sensing Heat Trace Panel**

Panel Configuration

UL and cUL Listed Four Loop Line Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Three-Pole Door-Interlocked Disconnect Switch, Solid State Relay or Contactor Control, High or Low Temperature Alarm, Low Current Alarms, On/Off or PID Control, Universal Sensor Inputs, Dual Digital Display,Terminal Blocks for Field Connections, Loop Standby Mode, NEMA 4 Steel Enclosure (30"H x 24"W x 8"D) for Indoor/Outdoor Applications. Options Include: Ground Fault Monitoring or Selectable Shutdown, GFI Thermal Magnetic Circuit Breakers, Enclosure Heater and RS-485 MODBUS Communications.

Code	Four Loop of Heat Trace Control	Base Price
4	Solid State Relay Control Rated 30 Amps per Loop @ 40° C Ambient	6,350.00
4C	Electromechanical Contactor Control per Loop Rated 30 Amps Inductive per Loop @ 40° C Ambient	5,670.00

Code	Voltage		Adder
	Line Voltage (Three Phase)	**Load Voltage**	
0	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
1	240 Vac, 3 Phase	240 Vac	nc
2	480/277 Vac, 3 Phase, 4 Wire	277 Vac (240 Vac Cable)	80.00
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc

Code	Controller	Adder
0	IntelliTRACE Controllers (Code 4 Solid State Relay)	nc
1	IntelliTRACE Controllers with Communications (Code 4 Solid State Relay)	305.00
2	IntelliTRACE Controllers (Code 4C Solid Contactor Control)	nc
3	IntelliTRACE Controllers with Communications (Code 4C Contactor Control)	305.00

Code	Ground Fault Monitoring Options*	Adder
0	None	nc
1	Ground Fault Monitor 120 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	2,510.00
2	Ground Fault Monitor 240 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	2,510.00
3	Ground Fault Monitor 277 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	2,510.00
4	Ground Fault Monitor 208 Vac w/Shutdown Contactor & door mounted GFI Illuminated Reset Switch	2,510.00
5	15 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	960.00
6	20 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	960.00
7	25 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	960.00
8	30 Amp, 120 Vac, 1-Pole GFI Circuit Breaker (1/loop)	960.00
A	15 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	2,165.00
B	20 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	2,165.00
C	30 Amp, 277 Vac, 1-Pole GFI Circuit Breaker (1/loop)	2,165.00
E	15 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,440.00
F	20 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,440.00
G	25 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,440.00
H	30 Amp, 208/240 Vac, 2-Pole GFI Circuit Breaker (1/loop)	1,440.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLS -	4	1	0	E	0	Typical Model Number (HTLS-410E0)

*Ground Fault detection requires grounded supply.

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IntelliTRACE™ Single Loop Panel for Class 1 Division 2

Model

HTLSC1D2 **IntelliTRACE 10000 Series Single Loop Line Sensing Heat Trace Panel**

Panel Configuration

UL, cUL and CE Listed Single Loop Line Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Solid State Relay, Current Transformer, High-Low Temperature Alarms, Low Current Alarm, On/Off or PID Control, Universal Sensor Inputs, Dual Digital Displays,Terminal Blocks for Field Connections, Remote Interlock, NEMA 4 rated Enclosure (16"H x 14"W x 8"D) for Indoor/ Outdoor Applications. Options Include: Ground Fault Monitoring, Digital Communications and Enclosure Heater.

Code	Single Loop Heat Trace Control	Base Price
1	30 Amp Rating	1,555.00

Code	Voltage		Adder
	Line Voltage (Single Phase)	**Load Voltage**	
0	120 Vac	120 Vac	nc
1	208 Vac	208 Vac (240 Vac Cable)	125.00
2	240 Vac	240 Vac	125.00
3	277 Vac	277 Vac (240 Vac Cable)	125.00
4	480 Vac	480 Vac	125.00

Code	Controller	Adder
0	IntelliTRACE Controllers	nc
1	IntelliTRACE Controllers with Communications	75.00

Code	Ground Fault Monitoring*	
0	None	nc
1	Ground Fault Module (Includes Illuminated Reset Switch)	605.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLSC1D2	-	1	0	0	0	0	Typical Model Number (HTLSC1D2-10000)

*Ground Fault detection requires grounded supply.

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This pricing supercedes all prior MIPL releases.

IntelliTRACE™ Dual Loop Panel for Class 1 Division 2

Model

HTLSC1D2 **IntelliTRACE 20000 Series Dual Loop Line Sensing Heat Trace Panel**

Panel Configuration

UL, cUL and CE Listed Dual Loop Line/Ambient Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Solid State Relay, Current Transformer, High-Low Temperature Alarms, Low Current Alarm, On/Off or PID Control, Universal Sensor Inputs, Dual Digital Displays,Terminal Blocks for Field Connections, Remote Interlock, NEMA 4X rated Enclosure (18"H x 16"W x 10"D) for Indoor/Outdoor Applications. Options Include: Ground Fault Monitoring, Digital Communications and Enclosure Heater.

Code	Dual Loop Heat Trace Control	Base Price
2	30 Amp Rating	2,870.00

Code	Voltage		Adder
	Line Voltage (Single Phase)	**Load Voltage**	
0	120 Vac	120 Vac	nc
1	208 Vac	208 Vac (240 Vac Cable)	245.00
2	240 Vac	240 Vac	245.00
3	277 Vac	277 Vac (240 Vac Cable)	245.00
4	480 Vac	480 Vac	245.00

Code	Controller	Adder
0	IntelliTRACE Controllers	nc
1	IntelliTRACE Controllers with Communications	150.00

Code	Ground Fault Monitoring	
0	None	nc
1	Ground Fault Modules (Includes Illuminated Reset Switch)*	1,200.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	260.00

HTLSC1D2 -	2	0	0	0	0	Typical Model Number (HTLSC1D2-20000)

*Ground Fault detection requires grounded supply.

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ITAS - IntelliTRACE™ Multiloop Heat Tracing Control Panel – Ambient Sensing

Model	Product Description
ITAS	ITAS series Intelligent Ambient Sensing Heat Trace Panel. Designed for Industrial applications in Non-Hazardous Areas. ITAS series offers the following standard features: NEMA 4 enclosure, Industrial 10" Digital CE Computer Touchscreen Operator Interface, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits (Expandable to Seventy-Two Circuits*), Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment Protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Thermostat Controlled Enclosure Heater, Remote Monitoring Capability, Wireless Ethernet Communications, CE Third Party Compliance

Code	Circuits	NEMA 4 Enclosure Size (HxWxD) In (cm) 1 Pole	NEMA 4 Enclosure Size (HxWxD) In (cm) 2 Pole	Panel Board Size	Panel Board Main Bus Rating	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	N/A	N/A	13,100.00
12	12 Circuits	36 x 30 x 12 (92 x 76 x 31)	- - - - - - -	18 position	up to 100 A	17,025.00
12	12 Circuits	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	30 position	up to 400 A	17,600.00
18	18 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	21,925.00
18	18 Circuits	- - - - - - -	60 x 36 x 12 (152 x 92 x 31)	42 position	up to 600 A	22,075.00
24	24 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	24,100.00
24	24 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	30 position (X2)	up to 400 A	27,100.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	30 position	up to 600 A	29,000.00
30	30 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	32,000.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	42 position	up to 600 A	34,000.00
36	36 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	36,900.00

Code	Line Voltage	Cable Voltage	Circuit Breaker Rating - Type (1 /Loop)	Adder
1	208/120 VAC, 3 Phase 4 Wire	120 VAC	120 V-1 Pole	nc
2	208/120 VAC, 3 Phase 4 Wire	208 VAC	208/240V-2 Pole	nc
3	240/120 VAC, Single Phase 3 Wire	240 VAC	208/240V-2 Pole	nc
4	480/277 VAC, 3 Phase 4 Wire	277 VAC	277V-1 Pole	645.00
5	480/277 VAC, 3 Phase 4 Wire	480 VAC	480V-2 Pole	645.00
6	240/120 VAC, Single Phase 3 Wire	120 VAC	120 V-1 Pole	nc

Code	Cable Load Circuit Breaker Rating	(Multiply the Number of Circuits by the Circuit Breaker Price) Individual Circuit Breaker Price. 120V-1 Pole	208/240V-2 Pole	277-1 Pole	480V-2 Pole	Adder / Ckt Total Breaker Price
1	15A Thermal Magnetic	$13	$25	$65	$225	Multiply the number of Circuits
2	20A Thermal Magnetic	$13	$25	$65	$225	by the Circuit Breaker Price.
3	30A Thermal Magnetic	$13	$25	$65	$225	See **Cable Load Circuit**
4	40A Thermal Magnetic	$13	$25	$65	$225	**Total - Adder Chart**
5	50A Thermal Magnetic	$13	$25	$65	$225	Below

Code	Main Disconnects	Adder
0	None	nc
1	100A Disconnect	455.00
2	150A Disconnect	840.00
3	250A Disconnect	1,130.00
4	400A Disconnect	1,410.00
5	600A Disconnect	1,960.00

Code	Main Circuit Breaker	Adder
A	100A Thermal Magnetic	480.00
B	150A Thermal Magnetic	1,040.00
C	225A Thermal Magnetic	1,190.00
D	250A Thermal Magnetic	1,320.00
E	400A Thermal Magnetic	1,470.00
F	600A Thermal Magnetic	2,930.00

See Technical Note #2 Below!

Code	Enclosure	Adder
1	NEMA 4 Single-Door Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 24 x 24 x 12 In, (61 x 61 x 31) (cm)	830.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 36 x 30 x 12 In, (92 x 76 x 31) (cm)	1,320.00
4	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 48 x 36 x 12 In, (122 x 92 x 31) (cm)	1,600.00
5	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 60 x 36 x 12 In, (152 x 92 x 31) (cm)	1,800.00
6	NEMA 4X 304 Stainless Steel Floor-Mount Enclosure: 62 x 60 x 12 In, (157 x 152 x 31) (cm)	6,160.00

Code	Enclosure Heater	Adder
0	No Enclosure Heater	nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F, -18°C Ambient)	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F / °C Ambient)	840.00

Code	Input Options Inputs/Ckt Sensor Mapping	Adder
0	Standard Sensor Input	nc
1	Dry Contact Closure From Ambient Sensing Thermostat	400.00
2	Remote Snow Sensor Input (i.e. SIT, GIT & CIT type sensors)	2,400.00
9	Special Configuration	Consult Sales

Code	Communications	Adder
0	Standard: ModBus RTU/RS485 or Modbus TCP/Ethernet	nc
1	ModBus TCP/Wireless	1,675.00
9	Other	Consult Sales

Code	Monitoring	Adder
0	Standard Monitoring (Local HMI Only)	nc
1	Remote Desktop (Wired/Wireless Ethernet Only)	110.00
9	Other	Consult Sales

ITAS -	24	1	3	3	-	1	1	1	0	0	Typical Model Number

*42 - 72 circuit service via ITAS-EXT Extension Panel. See ITAS-EXT heat Tracing Extension Panel - Ambient Sensing Order Table.

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Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
0135-30490	ITAS-Digital Control 10" (250mm) Display, programmed	7,390.00
0017-42931	15A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43355	20A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43356	30A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43427	40A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43428	50A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43373	15A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43374	20A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43345	30A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43375	40A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43429	50A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43013	15A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42912	20A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42913	30A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-43349	40A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42966	50A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42970	15A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43000	20A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-42928	30A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43430	40A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43431	50A 2P Thermal Mag Circuit Breaker (480V)	285.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITAS-06	Add -CEXX suffix to Model Number	1,350.00
ITAS-12	Add -CEXX suffix to Model Number	1,700.00
ITAS-18	Add -CEXX suffix to Model Number	2,275.00
ITAS-24	Add -CEXX suffix to Model Number	2,825.00
ITAS-30	Add -CEXX suffix to Model Number	3,100.00
ITAS-36	Add -CEXX suffix to Model Number	3,350.00

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or coatings, Additional Venting or Cooling, Special Indication or Alarms.

ATEX Certification: Consult Sales on all models.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. See ITAS-EXT Extension Panel Order Table to increase total circuits

Cable Load Circuit Breaker - Total Adder				
CKTS	**120V-1 Pole**	**208/240V-2 Pole**	**277-1 Pole**	**480V-2 Pole**
06	$78	$150	$390	$1,350
12	$156	$300	$780	$2,700
18	$234	$450	$1,170	$4,050
24	$312	$600	$1,560	$5,400
30	$390	$750	$1,950	$6,750
36	$468	$900	$2,340	$8,100

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ITAS-EXT - IntelliTRACE™ Multiloop Heat Tracing Extension Panel – Ambient Sensing

Model	Product Description
ITAS-EXT	ITAS-EXT series Intelligent Ambient Sensing Heat Trace Extension Panel. Designed for Industrial applications in Non-Hazardous Areas. Intended To Be Used With ITAS Heat Trace Ambient Sensing Panel to increase circuit service. ITAS series offers the following standard features: NEMA 4 enclosure, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits, Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Remote Monitoring Capability, Thermostat Controlled Enclosure Heater, CE Third Party Compliance

Code	Circuits	NEMA 4 Enclosure Size (HxWxD) In (cm) 1 Pole	NEMA 4 Enclosure Size (HxWxD) In (cm) 2 Pole	Panel Board Size	Panel Board Main Bus Rating	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	N/A	N/A	7,525.00
12	12 Circuits	36 x 30 x 12 (92 x 76 x 31)	- - - - - - -	18 position	up to 100 A	10,800.00
12	12 Circuits	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	30 position	up to 400 A	11,275.00
18	18 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	15,525.00
18	18 Circuits	- - - - - - -	60 x 36 x 12 (152 x 92 x 31)	42 position	up to 600 A	15,575.00
24	24 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	17,500.00
24	24 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	30 position (X2)	up to 400 A	20,275.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	30 position	up to 600 A	22,025.00
30	30 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	25,000.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	42 position	up to 600 A	26,375.00
36	36 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	29,275.00

Code	Line Voltage	Cable Voltage	Circuit Breaker Rating - Type (1 /Loop)	Adder
1	208/120 VAC, 3 Phase 4 Wire	120 VAC	120 V-1 Pole	nc
2	208/120 VAC, 3 Phase 4 Wire	208 VAC	208/240V-2 Pole	nc
3	240/120 VAC, Single Phase 3 Wire	240 VAC	208/240V-2 Pole	nc
4	480/277 VAC, 3 Phase 4 Wire	277 VAC	277V-1 Pole	645.00
5	480/277 VAC, 3 Phase 4 Wire	480 VAC	480V-2 Pole	645.00
6	240/120 VAC, Single Phase 3 Wire	120 VAC	120 V-1 Pole	nc

Code	Cable Load Circuit Breaker Rating (Multiply the Number of Circuits by the Circuit Breaker Price)	Adder / Ckt

. . . . . .Individual Circuit Breaker Price. . . . . .

	Rating	120V-1 Pole	208/240V-2 Pole	277-1 Pole	480V-2 Pole	Total Breaker Price
1	15A Thermal Magnetic	$13	$25	$65	$225	
2	20A Thermal Magnetic	$13	$25	$65	$225	Multiply the number of Circuits by the Circuit Breaker Price. See **Cable Load Circuit Total - Adder** Chart Below
3	30A Thermal Magnetic	$13	$25	$65	$225	
4	40A Thermal Magnetic	$13	$25	$65	$225	
5	50A Thermal Magnetic	$13	$25	$65	$225	

Code	Main Disconnects	Adder
0	None	nc
1	100A Disconnect	455.00
2	150A Disconnect	840.00
3	250A Disconnect	1,130.00
4	400A Disconnect	1,410.00
5	600A Disconnect	1,960.00

Code	Main Circuit Breaker	Adder
A	100A Thermal Magnetic	480.00
B	150A Thermal Magnetic	1,040.00
C	225A Thermal Magnetic	1,190.00
D	250A Thermal Magnetic	1,320.00
E	400A Thermal Magnetic	1,470.00
F	600A Thermal Magnetic	2,930.00

See Technical Note #2 Below!

Code	Enclosure	Adder
1	NEMA 4 Single-Door Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 24 x 24 x 12 In, (61 x 61 x 31) (cm)	830.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 36 x 30 x 12 In, (92 x 76 x 31) (cm)	1,320.00
4	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 48 x 36 x 12 In, (122 x 92 x 31) (cm)	1,600.00
5	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 60 x 36 x 12 In, (152 x 92 x 31) (cm)	1,800.00
6	NEMA 4X 304 Stainless Steel Floor-Mount Enclosure: 62 x 60 x 12 In, (157 x 152 x 31) (cm)	6,160.00

Code	Enclosure Heater	Adder
0	No Enclosure Heater	nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F, -18°C Ambient)	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F / °C Ambient)	840.00

ITAS-EXT-	24	1	3	1	-	1	0	Typical Model Number

*Designed to be paired with an ITAS Panel

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Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
0017-42931	15A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43355	20A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43356	30A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43427	40A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43428	50A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43373	15A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43374	20A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43345	30A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43375	40A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43429	50A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43013	15A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42912	20A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42913	30A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-43349	40A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42966	50A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42970	15A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43000	20A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-42928	30A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43430	40A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43431	50A 2P Thermal Mag Circuit Breaker (480V)	285.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITAS-EXT-06	Add -CEXX suffix to Model Number	1,350.00
ITAS-EXT-12	Add -CEXX suffix to Model Number	1,700.00
ITAS-EXT-18	Add -CEXX suffix to Model Number	2,275.00
ITAS-EXT-24	Add -CEXX suffix to Model Number	2,825.00
ITAS-EXT-30	Add -CEXX suffix to Model Number	3,100.00
ITAS-EXT-36	Add -CEXX suffix to Model Number	3,350.00

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

ATEX Certification: Consult Sales on all models.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Do Not Exceed 80% of Panelboard Rating
3. Do Not Exceed 80% of Panelboard Rating
4. These Extension Panels are to be paired with an ITAS Panel.

Cable Load Circuit Breaker - Total Adder				
CKTS	**120V-1 Pole**	**208/240V-2 Pole**	**277-1 Pole**	**480V-2 Pole**
06	$78	$150	$390	$1,350
12	$156	$300	$780	$2,700
18	$234	$450	$1,170	$4,050
24	$312	$600	$1,560	$5,400
30	$390	$750	$1,950	$6,750
36	$468	$900	$2,340	$8,100

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ITLS - IntelliTRACE™ Multiloop Heat Tracing Control Panel – Line Sensing

Model	Product Description
ITLS	ITLS series Intelligent Line Sensing Heat Trace Panel. Designed for Industrial applications in Non-Hazardous Areas. ITLS series offers the following standard features: NEMA 4 enclosure, Industrial 10" Digital CE Computer Touchscreen Operator Interface, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits (Expandable to Seventy-Two Circuits*), Common Alarm Output, Hand/Off/Auto Operation, 120 Volt Instrument Power Included, Current Monitoring, 30 mA Ground Fault Equipment Protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Remote Monitoring Capability, Thermostat Controlled Enclosure Heater, Customizable I/O Mapping, Wireless Ethernet Communications, CE Third Party Compliance.

Code	Circuits	NEMA 4 Enclosure Size (HxWxD) In (cm) 1 Pole	NEMA 4 Enclosure Size (HxWxD) In (cm) 2 Pole	Panel Board Size	Panel Board Main Bus Rating	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	N/A	N/A	13,100.00
12	12 Circuits	36 x 30 x 12 (92 x 76 x 31)	- - - - - - -	18 position	up to 100 A	17,250.00
12	12 Circuits	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	30 position	up to 400 A	17,800.00
18	18 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	22,250.00
18	18 Circuits	- - - - - - -	60 x 36 x 12 (152 x 92 x 31)	42 position	up to 600 A	22,450.00
24	24 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	24,550.00
24	24 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	30 position (X2)	up to 400 A	27,625.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	30 position	up to 600 A	29,550.00
30	30 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	32,600.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	42 position	up to 600 A	34,625.00
36	36 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	37,625.00

Code	Line Voltage	Cable Voltage	Circuit Breaker Rating - Type (1 /Loop)	Adder
1	208/120 VAC, 3 Phase 4 Wire	120 VAC	120 V-1 Pole	nc
2	208/120 VAC, 3 Phase 4 Wire	208 VAC	208/240V-2 Pole	nc
3	240/120 VAC, Single Phase 3 Wire	240 VAC	208/240V-2 Pole	nc
4	480/277 VAC, 3 Phase 4 Wire	277 VAC	277V-1 Pole	645.00
5	480/277 VAC, 3 Phase 4 Wire	480 VAC	480V-2 Pole	645.00
6	240/120 VAC, Single Phase 3 Wire	120 VAC	120 V-1 Pole	nc

Code — Cable Load Circuit Breaker Rating (Multiply the Number of Circuits by the Circuit Breaker Price) — Adder / Ckt

. . . . . Individual Circuit Breaker Price . . . . . .

	Rating	120V-1 Pole	208/240V-2 Pole	277-1 Pole	480V-2 Pole	Total Breaker Price
1	15A Thermal Magnetic	$13	$25	$65	$225	Multiply the number of Circuits by the Circuit Breaker Price. See **Cable Load Circuit Total - Adder** Chart Below
2	20A Thermal Magnetic	$13	$25	$65	$225	
3	30A Thermal Magnetic	$13	$25	$65	$225	
4	40A Thermal Magnetic	$13	$25	$65	$225	
5	50A Thermal Magnetic	$13	$25	$65	$225	

Code	Main Disconnects	Adder
0 -	None	nc
1 -	100A Disconnect	455.00
2 -	150A Disconnect	840.00
3 -	250A Disconnect	1,130.00
4 -	400A Disconnect	1,410.00
5 -	600A Disconnect	1,960.00

Code	Main Circuit Breaker	Adder
A	100A Thermal Magnetic	480.00
B	150A Thermal Magnetic	1,040.00
C	225A Thermal Magnetic	1,180.00
D	250A Thermal Magnetic	1,320.00
E	400A Thermal Magnetic	1,460.00
F	600A Thermal Magnetic	2,930.00

See Technical Note #2 Below!

Code	Enclosure — Choose the Size that aligns with the Number of INPUTS PER CIRCUIT	Adder
1	NEMA 4 Single-Door Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 24 x 24 x 12 In, (61 x 61 x 31) (cm)	830.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 36 x 30 x 12 In, (92 x 76 x 31) (cm)	1,320.00
4	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 48 x 36 x 12 In, (122 x 92 x 31) (cm)	1,600.00
5	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 60 x 36 x 12 In, (152 x 92 x 31) (cm)	1,800.00
6	NEMA 4X 304 Stainless Steel Floor-Mount Enclosure: 62 x 60 x 12 In, (157 x 152 x 31) (cm)	6,160.00

Code	Enclosure Heater	Adder
0	No Enclosure Heater	nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F, -18°C Ambient)	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F / °C Ambient)	840.00

Code	Inputs per Circuit	I/O Mapping		Adder
0	1	No I/O Mapping	**Use Standard Enclosure Sizes From Above**	nc
1	1	Full I/O Mapping		670.00
2	2	Full I/O Mapping	**See ITLS I/O Mapping: Enclosure Size & Total Adder Chart Below**	
3	3	Full I/O Mapping		
9	X	Special Configuration		Consult Sales

Code	Communications	Adder
0	Standard: ModBus RTU/RS485 or Modbus TCP/Ethernet	nc
1	ModBus TCP/Wireless	1,675.00
9	Other	Consult Sales

Code	Monitoring	Adder
0	Standard Monitoring (Local HMI Only)	nc
1	Remote Desktop (Wired/Wireless Ethernet Only)	110.00
9	Other	Consult Sales

ITLS	-	24	1	3	3	-	1	1	1	0	0	Typical Model Number	

*42 - 72 circuit service via ITLS-EXT Extension Panel. See ITLS-EXT heat Tracing Extension Panel - Line Sensing Order table.

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This pricing supercedes all prior MIPL releases.

Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
	ITLS-Digital Control 10" (250mm) Display	Consult Factory
0017-42931	15A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43355	20A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43356	30A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43427	40A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43428	50A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43373	15A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43374	20A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43345	30A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43375	40A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43429	50A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43013	15A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42912	20A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42913	30A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-43349	40A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42966	50A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42970	15A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43000	20A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-42928	30A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43430	40A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43431	50A 2P Thermal Mag Circuit Breaker (480V)	285.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITLS-06	Add -CEXX suffix to Model Number	1,350.00
ITLS-12	Add -CEXX suffix to Model Number	1,700.00
ITLS-18	Add -CEXX suffix to Model Number	2,275.00
ITLS-24	Add -CEXX suffix to Model Number	2,825.00
ITLS-30	Add -CEXX suffix to Model Number	3,100.00
ITLS-36	Add -CEXX suffix to Model Number	3,350.00

ATEX Certification: Consult Sales on all models.

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. See ITLS-EXT Extension Panel Order Table to increase total circuits

Cable Load Circuit Breaker - Total Adder				
CKTS	**120V-1 Pole**	**208/240V-2 Pole**	**277-1 Pole**	**480V-2 Pole**
06	$78	$150	$390	$1,350
12	$156	$300	$780	$2,700
18	$234	$450	$1,170	$4,050
24	$312	$600	$1,560	$5,400
30	$390	$750	$1,950	$6,750
36	$468	$900	$2,340	$8,100

ITLS & ITLS-EXT I/O Mapping: Enclosure Size & Total Adder				
Circuits - Poles	**Enclosure Size - H x W x D, In (cm)**		**Adder**	
	2 Inputs / Output	**3 Inputs / Output**	**2 Inputs / Output**	**3 Inputs / Output**
06 - 1	24 x 24 x 12 (61 x 61 x 31)	36 x 30 x 12 (92 x 76 x 31)	$670	$1,470
06 - 2	24 x 24 x 12 (61 x 61 x 31)	36 x 30 x 12 (92 x 76 x 31)	$670	$1,470
12 - 1	36 x 30 x 12 (92 x 76 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,605
12 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,370
12 - 2	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,370
18 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,880	$3,325
18 - 2	60 x 36 x 12 (152 x 92 x 31)	60 x 36 x 12 (152 x 92 x 31)	$1,880	$3,325
24 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$2,370	$4,225
24 - 2	62 x 60 x 12 (157 x 152 x 31)	62 x 60 x 12 (157 x 152 x 31)	$2,370	$4,225
30 - 1	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$2,860	Consult Sales
30 - 2	62 x 60 x 12 (157 x 152 x 31)	Consult Sales	$2,860	Consult Sales
36 - 1	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$3,325	Consult Sales
36 - 2	62 x 60 x 12 (157 x 152 x 31)	Consult Sales	$3,325	Consult Sales

I/O Mapping Notes

1. The MAXIMUM number of Inputs for any ITLS System, including Extension Panel, is 72.
2. When **Full I/O Mapping** is selected from the Order Table, any individual sensor or output may be mapped to more than one circuit. For Example: The average temperature of Sensors 1, 2 & 3 is used to control Circuit 1 while simultaneously the maximum temperature of Sensors 3, 4 & 5 is used to control Circuit 2.
3. The maximum amount of inputs for each panel design is as follows:

Total Number of Available Inputs per Panel Design

Number of Circuits	Inputs / Circuit Code from Above Order Table		
	1	**2**	**3**
6	6	12	18
12	12	24	36
18	18	36	54
24	24	48	72
30	30	60	Consult Sales
36	36	72	Consult Sales

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This pricing supercedes all prior MIPL releases.

ITLS-EXT - IntelliTRACE™ Multiloop Heat Tracing Extension Panel – Line Sensing

Model	Product Description
ITLS-EXT	ITLS-EXT series Intelligent Line Sensing Heat Trace Extension Panel. Designed for Industrial applications in Non-Hazardous Areas. Intended To Be Used With ITLS Heat Trace Line Sensing Panel to increase circuit service. ITLS-EXT series offers the following standard features: NEMA 4 enclosure, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits, Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Thermostat Controlled Enclosure Heater, Customizable I/O Mapping, Remote Monitoring Capability, CE Third Party Compliance

Code	Circuits	NEMA 4 Enclosure Size (HxWxD) In (cm) 1 Pole	NEMA 4 Enclosure Size (HxWxD) In (cm) 2 Pole	Panel Board Size	Panel Board Main Bus Rating	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	N/A	N/A	7,850.00
12	12 Circuits	36 x 30 x 12 (92 x 76 x 31)	- - - - - - -	18 position	up to 100 A	11,475.00
12	12 Circuits	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	30 position	up to 400 A	12,000.00
18	18 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	16,475.00
18	18 Circuits	- - - - - - -	60 x 36 x 12 (152 x 92 x 31)	42 position	up to 600 A	16,625.00
24	24 Circuits	48 x 36 x 12 (122 x 92 x 31)	- - - - - - -	30 position	up to 400 A	18,625.00
24	24 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	30 position (X2)	up to 400 A	21,675.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	30 position	up to 600 A	23,500.00
30	30 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	26,550.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	- - - - - - -	42 position	up to 600 A	28,100.00
36	36 Circuits	- - - - - - -	62 x 60 x 12 (157 x 152 x 31)	42 position (X2)	up to 600 A	31,125.00

Code	Line Voltage	Cable Voltage	Circuit Breaker Rating - Type (1 /Loop)	Adder
1	208/120 VAC, 3 Phase 4 Wire	120 VAC	120 V-1 Pole	nc
2	208/120 VAC, 3 Phase 4 Wire	208 VAC	208/240V-2 Pole	nc
3	240/120 VAC, Single Phase 3 Wire	240 VAC	208/240V-2 Pole	nc
4	480/277 VAC, 3 Phase 4 Wire	277 VAC	277V-1 Pole	645.00
5	480/277 VAC, 3 Phase 4 Wire	480 VAC	480V-2 Pole	645.00
6	240/120 VAC, Single Phase 3 Wire	120 VAC	120 V-1 Pole	nc

Code — Cable Load Circuit Breaker Rating (Multiply the Number of Circuits by the Circuit Breaker Price) — Adder / Ckt

. . . . . Individual Circuit Breaker Price . . . . .

	Rating	120V-1 Pole	208/240V-2 Pole	277-1 Pole	480V-2 Pole
1	15A Thermal Magnetic	$13	$25	$65	$225
2	20A Thermal Magnetic	$13	$25	$65	$225
3	30A Thermal Magnetic	$13	$25	$65	$225
4	40A Thermal Magnetic	$13	$25	$65	$225
5	50A Thermal Magnetic	$13	$25	$65	$225

Total Breaker Price

Multiply the number of Circuits by the Circuit Breaker Price. See **Cable Load Circuit Total - Adder** Chart Below

Code	Main Disconnects	Adder
0 -	None	nc
1 -	100A Disconnect	455.00
2 -	150A Disconnect	840.00
3 -	250A Disconnect	1,130.00
4 -	400A Disconnect	1,410.00
5 -	600A Disconnect	1,960.00

Code	Main Circuit Breaker	Adder
A	100A Thermal Magnetic	480.00
B	150A Thermal Magnetic	1,040.00
C	225A Thermal Magnetic	1,180.00
D	250A Thermal Magnetic	1,320.00
E	400A Thermal Magnetic	1,460.00
F	600A Thermal Magnetic	2,930.00

See Technical Note #2 Below!

Code	Enclosure — Choose the Size that aligns with the Number of INPUTS PER CIRCUIT	Adder
1	NEMA 4 Single-Door Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 24 x 24 x 12 In, (61 x 61 x 31) (cm)	830.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 36 x 30 x 12 In, (92 x 76 x 31) (cm)	1,320.00
4	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 48 x 36 x 12 In, (122 x 92 x 31) (cm)	1,600.00
5	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure: 60 x 36 x 12 In, (152 x 92 x 31) (cm)	1,800.00
6	NEMA 4X 304 Stainless Steel Floor-Mount Enclosure: 62 x 60 x 12 In, (157 x 152 x 31) (cm)	6,160.00

Code	Enclosure Heater	Adder
0	No Enclosure Heater	nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F, -18°C Ambient)	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F / °C Ambient)	840.00

Code**	Inputs per Circuit	I/O Mapping		Adder
0	1	No I/O Mapping	**Use Standard Enclosure Sizes**	nc
1	1	Full I/O Mapping	**From Above**	670.00
2	2	Full I/O Mapping	**See ITLS I/O Mapping: Enclosure Size & Adder**	
3	3	Full I/O Mapping	**Chart Below**	
9	X	Special Configuration		Consult Sales

| | | |

Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
0017-42931	15A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43355	20A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43356	30A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43427	40A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43428	50A 1P Thermal Mag Circuit Breaker (120V)	18.00
0017-43373	15A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43374	20A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43345	30A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43375	40A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43429	50A 2P Thermal Mag Circuit Breaker (208/240V)	36.00
0017-43013	15A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42912	20A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42913	30A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-43349	40A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42966	50A 1P Thermal Mag Circuit Breaker (277V)	79.00
0017-42970	15A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43000	20A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-42928	30A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43430	40A 2P Thermal Mag Circuit Breaker (480V)	285.00
0017-43431	50A 2P Thermal Mag Circuit Breaker (480V)	285.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITLS-06	Add -CEXX suffix to Model Number	1,350.00
ITLS-12	Add -CEXX suffix to Model Number	1,700.00
ITLS-18	Add -CEXX suffix to Model Number	2,275.00
ITLS-24	Add -CEXX suffix to Model Number	2,825.00
ITLS-30	Add -CEXX suffix to Model Number	3,100.00
ITLS-36	Add -CEXX suffix to Model Number	3,350.00

ATEX Certification: Consult Sales on all models.

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. These Extension Panels are to be paired with an ITLS Panel.

Cable Load Circuit Breaker - Total Adder				
CKTS	**120V-1 Pole**	**208/240V-2 Pole**	**277-1 Pole**	**480V-2 Pole**
06	$78	$150	$390	$1,350
12	$156	$300	$780	$2,700
18	$234	$450	$1,170	$4,050
24	$312	$600	$1,560	$5,400
30	$390	$750	$1,950	$6,750
36	$468	$900	$2,340	$8,100

ITLS & ITLS-EXT I/O Mapping: Enclosure Size & Total Adder				
Circuits - Poles	**Enclosure Size**		**Adder**	
	2 Inputs / Output	**3 Inputs / Output**	**2 Inputs / Output**	**3 Inputs / Output**
06 - 1	24 x 24 x 12 (61 x 61 x 31)	36 x 30 x 12 (92 x 76 x 31)	$670	$1,470
06 - 2	24 x 24 x 12 (61 x 61 x 31)	36 x 30 x 12 (92 x 76 x 31)	$670	$1,470
12 - 1	36 x 30 x 12 (92 x 76 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,605
12 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,370
12 - 2	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,290	$2,370
18 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$1,880	$3,325
18 - 2	60 x 36 x 12 (152 x 92 x 31)	60 x 36 x 12 (152 x 92 x 31)	$1,880	$3,325
24 - 1	48 x 36 x 12 (122 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$2,370	$4,225
24 - 2	62 x 60 x 12 (157 x 152 x 31)	62 x 60 x 12 (157 x 152 x 31)	$2,370	$4,225
30 - 1	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$2,860	Consult Sales
30 - 2	62 x 60 x 12 (157 x 152 x 31)	Consult Sales	$2,860	Consult Sales
36 - 1	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$3,325	Consult Sales
36 - 2	62 x 60 x 12 (157 x 152 x 31)	Consult Sales	$3,325	Consult Sales

I/O Mapping Notes

1. The MAXIMUM number of Inputs for any ITLS System, including Extension Panel, is 72.
2. When **Full I/O Mapping** is selected from the Order Table, any individual sensor or output may be mapped to more than one circuit. For Example: The average temperature of Sensors 1, 2 & 3 is used to control Circuit 1 while simultaneously the maximum temperature of Sensors 3, 4 & 5 is used to control Circuit 2.
3. The maximum amount of inputs for each panel design is as follows:

Total Number of Available Inputs per Panel Design

Number of Circuits	Inputs / Circuit Code from Above Order Table		
	1	**2**	**3**
6	6	12	18
12	12	24	36
18	18	36	54
24	24	48	72
30	30	60	Consult Sales
36	36	72	Consult Sales

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ITASC1D2 - IntelliTRACE™ Multiloop Heat Tracing Control Panel – Ambient Sensing - Class 1, Division 2

Model	Product Description
ITASC1D2 -	ITASC1D2 series Intelligent Ambient Sensing Heat Trace Panel. Designed for Industrial applications and suitable for Class I, Division 2 Hazardous Areas. The ITASC1D2 series offers the following standard features: NEMA 4 enclosure, Industrial 12" (30 cm) Digital CE Computer Touchscreen Operator Interface, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits (Expandable to Seventy-Two Circuits*), Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment Protection, ModBus RTU/RS485, Ethernet Communications, Remote Monitoring Capability, Selectable Soft Start Operation, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Thermostat Controlled Enclosure Heater and CE & ATEX Certification

Code	Circuits	Enclosure Size - HxWxD, In (cm)	Line Voltage	Line Phase	Cable Voltage	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	15,950.00
12	12 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	18,550.00
18	18 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	21,350.00
24	24 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	23,850.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	26,600.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	29,100.00

Code	Enclosure Rating, Material & Size		HxWxD, In (cm)	Enclosure Mounting	Adder
1	NEMA 4	Painted Steel	Size is per design selection	Wall-Mount Enclosure	nc
2	NEMA 4X	304 SS	24 x 24 x 12 (61 x 61 x 31)	Wall-Mount Enclosure	830.00
3	NEMA 4X	304 SS	42 x 36 x 12 (107 x 92 x 31)	Wall-Mount Enclosure	1,500.00
4	NEMA 4X	304 SS	48 x 36 x 12 (122 x 92 x 31)	Wall-Mount Enclosure	1,600.00
5	NEMA 4X	304 SS	60 x 36 x 12 (152 x 92 x 31)	Wall-Mount Enclosure	1,800.00

Code	Enclosure Heater Class 1, Div 2		Adder
0	No Enclosure Heater		nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 6 & 12 circuit designs	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 6 & 12 circuit designs	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 6 & 12 circuit designs	840.00
4	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 18, 24, 30 & 36 circuit designs	980.00
5	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,240.00
6	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,960.00

Code	Input Options	Adder
0	Standard Sensor Input	nc
1	Dry Contact Closure From Ambient Sensing Thermostat	400.00
2	Remote Snow Sensor Input (i.e. SIT, GIT & CIT type sensors)	2,400.00
9	Special Configuration	Consult Sales

Code	Communications	Adder
0	Standard: ModBus RTU/RS485 or Modbus TCP/Ethernet	nc
9	Other	Consult Sales

Code	Monitoring	Adder
0	Standard Monitoring (Local HMI Only)	nc
1	Remote Desktop (Wired/Wireless Ethernet Only)	110.00
9	Other	Consult Sales

ITASC1D2 -	24	1	4	0	-	0	1	Typical Model Number

*42 - 72 circuit service via ITASC1D2-EXT Extension Panel. See ITASC1D2-EXT heat Tracing Extension Panel - Ambient Sensing - Class 1, Division 2 Order Table

Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
	ITASC1D2 HMI - 12" (30cm) diagonal, programmed	Consult Factory
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITASC1D2-06	Add -CEXX suffix to Model Number	1,825.00
ITASC1D2-12	Add -CEXX suffix to Model Number	2,075.00
ITASC1D2-18	Add -CEXX suffix to Model Number	2,325.00
ITASC1D2-24	Add -CEXX suffix to Model Number	2,575.00
ITASC1D2-30	Add -CEXX suffix to Model Number	2,850.00
ITASC1D2-36	Add -CEXX suffix to Model Number	3,100.00

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or coatings, Additional Venting or Cooling, Special Indication or Alarms.

ATEX Certification: Consult Sales on all models.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. See ITASC1D2-EXT Extension Panel Order Table to increase total circuits

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ITASC1D2-EXT - IntelliTRACE™ Multiloop Heat Tracing Extension Panel – Ambient Sensing - Class 1, Div. 2

Model	Product Description
ITASC1D2-EXT	ITASC1D2-EXT series Intelligent Ambient Sensing Heat Trace Extension Panel. Designed for Industrial applications and suitable for Class I, Division 2 Hazardous Areas. Designed to be used with ITASC1D2 Heat Trace Line Sensing Panel to increase circuit service. ITASC1D2-EXT series offers the following standard features: NEMA 4 enclosure, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits, Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Thermostat Controlled Enclosure Heater and CE & ATEX Certification

Code	Circuits	Enclosure Size HxWxD, In (cm)	Line Voltage	Line Phase	Cable Voltage	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	6,700.00
12	12 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	9,400.00
18	18 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	12,350.00
24	24 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	15,050.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	17,900.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	20,600.00

Code	Enclosure Rating, Material & Size		HxWxD, In (cm)	Enclosure Mounting	Adder
1	NEMA 4	Painted Steel	Size is per design selection	Wall-Mount Enclosure	nc
2	NEMA 4X	304 SS	24 x 24 x 12 (61 x 61 x 31)	Wall-Mount Enclosure	825.00
3	NEMA 4X	304 SS	42 x 36 x 12 (107 x 92 x 31)	Wall-Mount Enclosure	1,500.00
4	NEMA 4X	304 SS	48 x 36 x 12 (122 x 92 x 31)	Wall-Mount Enclosure	1,600.00
5	NEMA 4X	304 SS	60 x 36 x 12 (152 x 92 x 31)	Wall-Mount Enclosure	1,800.00

Code	Enclosure Heater Class 1, Div 2		Adder
0	No Enclosure Heater		nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 6 & 12 circuit designs	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 6 & 12 circuit designs	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 6 & 12 circuit designs	840.00
4	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 18, 24, 30 & 36 circuit designs	980.00
5	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,240.00
6	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,960.00

ITASC1D2-EXT -	24	1	4	Typical Model Number

Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITASC1D2-EXT-06	Add -CEXX suffix to Model Number	725.00
ITASC1D2-EXT-12	Add -CEXX suffix to Model Number	1,050.00
ITASC1D2-EXT-18	Add -CEXX suffix to Model Number	1,350.00
ITASC1D2-EXT-24	Add -CEXX suffix to Model Number	1,650.00
ITASC1D2-EXT-30	Add -CEXX suffix to Model Number	2,075.00
ITASC1D2-EXT-36	Add -CEXX suffix to Model Number	2,325.00

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

ATEX Certification: Consult Sales on all models.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. These Extension Panels are to be paired with an ITASC1D2 Panel.

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This pricing supercedes all prior MIPL releases.

ITLSC1D2 - IntelliTRACE™ Multiloop Heat Tracing Control Panel – Line Sensing - Class 1, Division 2

Model	Product Description
ITLSC1D2	ITLSC1D2 series Intelligent Line Sensing Heat Trace Panel. Designed for Industrial applications and suitable for Class I, Division 2 Hazardous Areas. The ITLSC1D2 series offers the following standard features: NEMA 4 enclosure, Industrial 12" (30 cm) Digital CE Computer Touchscreen Operator Interface, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits (Expandable to Seventy-Two Circuits*), Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment Protection, ModBus RTU/RS485, Ethernet Communications, Remote Monitoring Capability, Selectable Soft Start Operation, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Customized I/O (Sensor & Output) Mapping, Thermostat Controlled Enclosure Heater and CE & ATEX Certification

Code	Circuits	Enclosure Size - HxWxD, In (cm) (1 Input per Circuit)	Line Voltage	Line Phase	Cable Voltage	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	15,950.00
12	12 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	18,900.00
18	18 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	22,000.00
24	24 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	24,850.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	27,850.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	30,700.00

Code	Enclosure Rating, Material & Size		HxWxD, In (cm)	Enclosure Mounting		Adder
1	NEMA 4	Painted Steel	Size is per design selection	Wall-Mount Enclosure	**Choose the Size that aligns with the number of INPUTS PER CIRCUIT in the I/O Mapping section below**	nc
2	NEMA 4X	304 SS	24 x 24 x 12 (61 x 61 x 31)	Wall-Mount Enclosure		830.00
3	NEMA 4X	304 SS	42 x 36 x 12 (107 x 92 x 31)	Wall-Mount Enclosure		1,500.00
4	NEMA 4X	304 SS	48 x 36 x 12 (122 x 92 x 31)	Wall-Mount Enclosure		1,600.00
5	NEMA 4X	304 SS	60 x 36 x 12 (152 x 92 x 31)	Wall-Mount Enclosure		1,800.00

Code	Enclosure Heater Class 1, Div 2		Adder
0	No Enclosure Heater		nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 6 & 12 circuit designs	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 6 & 12 circuit designs	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 6 & 12 circuit designs	840.00
4	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 18, 24, 30 & 36 circuit designs	980.00
5	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,240.00
6	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,960.00

Code	Inputs per Circuit	I/O Mapping		Adder
0	1	No I/O Mapping	**Use Standard Enclosure Sizes From Above**	nc
1	1	Full I/O Mapping		670.00
2	2	Full I/O Mapping	**See ITLSC1D2 I/O Mapping: Enclosure Size & Total Adder Chart Below**	
3	3	Full I/O Mapping		
9	X	Special Configuration		Consult Sales

Code	Communications	Adder
0	Standard: ModBus RTU/RS485 or Modbus TCP/Ethernet	nc
9	Other	Consult Sales

Code	Monitoring	Adder
0	Standard Monitoring (Local HMI Only)	nc
1	Remote Desktop (Wired/Wireless Ethernet Only)	110.00
9	Other	Consult Sales

ITLSC1D2 -	24	1	4	3	-	0	0	Typical Model Number

*42 - 72 circuit service via ITLSC1D2-EXT Extension Panel. See ITLSC1D2-EXT heat Tracing Extension Panel - Line Sensing - Class 1, Division 2 Order table.

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Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
	ITLSC1D2 HMI - 12" (30cm) diagonal, programmed	Consult Factory
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITLSC1D2-06	Add -CEXX suffix to Model Number	1,805.00
ITLSC1D2-12	Add -CEXX suffix to Model Number	2,060.00
ITLSC1D2-18	Add -CEXX suffix to Model Number	2,320.00
ITLSC1D2-24	Add -CEXX suffix to Model Number	2,575.00
ITLSC1D2-30	Add -CEXX suffix to Model Number	2,835.00
ITLSC1D2-36	Add -CEXX suffix to Model Number	3,090.00

ATEX Certification: Consult Sales on all models.

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. See ITLSC1D2-EXT Extension Panel Order Table to increase total circuits

ITLSC1D2 & ITLSC1D2-EXT I/O Mapping: Enclosure Size & Total Adder				
Circuits	Enclosure Size - H x W x D, In (cm)		Adder	
	2 Inputs / Output	3 Inputs / Output	2 Inputs / Output	3 Inputs / Output
06	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	$670	$1,290
12	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	$1,290	$2,370
18	42 x 36 x 12 (107 x 92 x 31)	42 x 36 x 12 (107 x 92 x 31)	$1,880	$3,325
24	42 x 36 x 12 (107 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$2,370	$4,380
30	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$2,860	Consult Sales
36	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$3,325	Consult Sales

I/O Mapping Notes

1. The MAXIMUM number of Inputs for any ITLSC1D2 System, including Extension Panel, is 72.
2. When **Full I/O Mapping** is selected from the Order Table, any individual sensor or output may be mapped to more than one circuit. For Example: The average temperature of Sensors 1, 2 & 3 is used to control Circuit 1 while simultaneously the maximum temperature of Sensors 3, 4 & 5 is used to control Circuit 2.
3. The maximum amount of inputs for each panel design is as follows:

Total Number of Available Inputs per Panel Design

Number of Circuits	Inputs / Circuit Code from Above Order Table		
	1	2	3
6	6	12	18
12	12	24	36
18	18	36	54
24	24	48	72
30	30	60	Consult Sales
36	36	72	Consult Sales

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ITLSC1D2-EXT - IntelliTRACE™ Multiloop Heat Tracing Extension Panel – Line Sensing - Class 1, Division 2

Model	Product Description
ITLSC1D2-EXT -	ITLSC1D2-EXT series Intelligent Line Sensing Heat Trace Extension Panel. Designed for Industrial applications and suitable for Class I, Division 2 Hazardous Areas. Designed to be used with ITLSC1D2 Heat Trace Line Sensing Panel to increase circuit service. ITLSC1D2-EXT series offers the following standard features: NEMA 4 enclosure, PID SCR Power Controller Rated at 40A Per Circuit at 104°F (40°C) Ambient, Six to Thirty-Six Circuits, Common Alarm Output, Hand/Off/Auto Operation, Current Monitoring, 30 mA Ground Fault Equipment protection, ModBus RTU/RS485, Ethernet Communications, UL & cUL Third Party Compliance. Options Include: NEMA 4XSS Enclosure, Thermostat Controlled Enclosure Heater, Customized I/O (Sensor & Output) Mapping, Remote Monitoring Capability, CE & ATEX Certification

Code	Circuits	Enclosure Size - HxWxD, In (cm) (1 Input per Circuit)	Line Voltage	Line Phase	Cable Voltage	Base Price
06	6 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	6,700.00
12	12 Circuits	24 x 24 x 12 (61 x 61 x 31)	120/208/240/277/480	1	120/208/240/277/480	9,750.00
18	18 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	13,100.00
24	24 Circuits	42 x 36 x 12 (107 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	16,050.00
30	30 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	19,250.00
36	36 Circuits	60 x 36 x 12 (152 x 92 x 31)	120/208/240/277/480	1	120/208/240/277/480	22,250.00

Code	Enclosure Rating, Material & Size		HxWxD, In (cm)	Enclosure Mounting		Adder
1	NEMA 4	Painted Steel	Size is per design selection	Wall-Mount Enclosure	**Choose the Size that aligns with the number of INPUTS PER CIRCUIT in the I/O Mapping section below**	nc
2	NEMA 4X	304 SS	24 x 24 x 12 (61 x 61 x 31)	Wall-Mount Enclosure		825.00
3	NEMA 4X	304 SS	42 x 36 x 12 (107 x 92 x 31)	Wall-Mount Enclosure		1,495.00
4	NEMA 4X	304 SS	48 x 36 x 12 (122 x 92 x 31)	Wall-Mount Enclosure		1,600.00
5	NEMA 4X	304 SS	60 x 36 x 12 (152 x 92 x 31)	Wall-Mount Enclosure		1,795.00

Code	Enclosure Heater Class 1, Div 2		Adder
0	No Enclosure Heater		nc
1	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 6 & 12 circuit designs	415.00
2	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 6 & 12 circuit designs	535.00
3	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 6 & 12 circuit designs	840.00
4	Thermostat Controlled Enclosure Heater (Anti-Condensation Heater)	For use with 18, 24, 30 & 36 circuit designs	980.00
5	Thermostat Controlled Enclosure Heater (to 0°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,240.00
6	Thermostat Controlled Enclosure Heater (to -40°F Ambient)	For use with 18, 24, 30 & 36 circuit designs	1,960.00

Code**	Inputs per Circuit	I/O Mapping		Adder
0	1	No I/O Mapping	**Use Standard Enclosure Sizes From Above**	nc
1	1	Full I/O Mapping		670.00
2	2	Full I/O Mapping	**See ITLSC1D2-EXT I/O Mapping: Enclosure Size & Total Adder Chart Below**	
3	3	Full I/O Mapping		
9	X	Special Configuration		Consult Sales

ITLSC1D2-EXT -	24	1	4	3	Typical Model Number

** This code MUST match the same code on the Base ITLSC1D2 Panel

Spare / Replacement Parts List:

Part Number	Item Description	Price, Each
0135-02261	SSR/GFI Power Control Assy, with Heat Sink	3,070.00
0135-02262	RTD Sensor Input Board Assembly	595.00
0135-02263	Digital Distribution Comm Board Assembly	285.00
0002-60054	SSR, 40 Amp rated	120.00
0029-00640	SSR Thermstrate Material	8.00
0025-05227	Common Alarm Relay	51.00
0081-10063	Power Supply 5VDC 6A 30W DIN Rail Mount	180.00
0081-10047	Power Supply 24VDC 2.5A 60W DIN Rail Mount	455.00
0023-15097-0001	6" (15 cm) Ribbon Cable with Connectors	175.00
0023-15097-0002	72" (180 cm) Ribbon Cable with Connectors	200.00

Accessories:

	Power Transformers	Consult Factory
PCN 317315	RTD, Aluminum, NEMA 4	165.00
PCN 317340	RTD, Expl. Resist., Cast Iron/Alum., NEMA 4	210.00
PCN 308144	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 50 FT/15m	135.00
PCN 317342	RTD Ext Wire, 3-wire, 16 ga, Cu, shielded, 200 FT/60m	335.00
0076-12009	Floor Stand Kit, 12" (30cm) Deep, Steel	285.00
0076-12050	Floor Stand Kit, 12" (30cm) Deep, 304 SS	670.00
	Floor Stand Kit, 12" (30cm) Deep, 316 SS	Consult Factory

CE Third Party Compliance

Base Panel	Model Number Instructions	Price, Each
ITLSC1D2-EXT-06	Add -CEXX suffix to Model Number	725.00
ITLSC1D2-EXT-12	Add -CEXX suffix to Model Number	1,050.00
ITLSC1D2-EXT-18	Add -CEXX suffix to Model Number	1,350.00
ITLSC1D2-EXT-24	Add -CEXX suffix to Model Number	1,650.00
ITLSC1D2-EXT-30	Add -CEXX suffix to Model Number	2,075.00
ITLSC1D2-EXT-36	Add -CEXX suffix to Model Number	2,325.00

ATEX Certification: Consult Sales on all models.

Model Number Note:

-XXXX Indicates that the design has varied from the order table parameters. This could include one or more of the following non-standard considerations: Special Software or Configuration, Private Branding, Remote Monitoring/Touch-Screen Computer, Sunshield or other Protective Covering, Third Party Approval, Floor Stands, Mounting Options, Special Materials (316 SS) or Coatings, Additional Venting or Cooling, Special Indication or Alarms.

Technical Notes:

1. 120-264V customer supplied instrument power supply
2. Our standard SCCR is 5 KA. Consult sales if a different SCCR is needed.
3. Do Not Exceed 80% of Panelboard Rating
4. These Extension Panels are to be paired with an ITLSC1D2 Panel.

ITLSC1D2 & ITLSC1D2-EXT I/O Mapping: Enclosure Size & Total Adder				
Circuits	Enclosure Size - H x W x D, In (cm)		Adder	
	2 Inputs / Output	3 Inputs / Output	2 Inputs / Output	3 Inputs / Output
06	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	$670	$1,290
12	24 x 24 x 12 (61 x 61 x 31)	24 x 24 x 12 (61 x 61 x 31)	$1,290	$2,370
18	42 x 36 x 12 (107 x 92 x 31)	42 x 36 x 12 (107 x 92 x 31)	$1,880	$3,325
24	42 x 36 x 12 (107 x 92 x 31)	48 x 36 x 12 (122 x 92 x 31)	$2,370	$4,380
30	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$2,860	Consult Sales
36	60 x 36 x 12 (152 x 92 x 31)	Consult Sales	$3,325	Consult Sales

I/O Mapping Notes

1. The MAXIMUM number of Inputs for any ITLSC1D2 System, including Extension Panel, is 72.
2. When **Full I/O Mapping** is selected from the Order Table, any individual sensor or output may be mapped to more than one circuit. For Example: The average temperature of Sensors 1, 2 & 3 is used to control Circuit 1 while simultaneously the maximum temperature of Sensors 3, 4 & 5 is used to control Circuit 2.
3. The maximum amount of inputs for each panel design is as follows:

Total Number of Available Inputs per Panel Design

Number of Circuits	Inputs / Circuit Code from Above Order Table		
	1	2	3
6	6	12	18
12	12	24	36
18	18	36	54
24	24	48	72
30	30	60	Consult Sales
36	36	72	Consult Sales

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FPAS - weatherTRACE™ Series Heat Trace Panels

Model **240/120 Vac Single-Phase, 208/120 Vac Three-Phase Wire**

FPAS

FPAS series Ambient Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPAS series offers the following standard features: NEMA 4 enclosure, Hand/Off/Auto Selector Switch, Load Energized Indicator Lamp, Main Power On Lamp, Main Contactor, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Remote or Local Ambient Temperature Controller, Enclosure Heater, and Type Z Pressurization System. The FPAS series panels have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
12	12 Positions (100 Amp Main Rating)	(12) 1-pole breakers or (6) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	3,800.00
20	20 Positions (100 Amp Main Rating)	(20) 1-pole breakers or (10) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	4,110.00
30	30 Positions (225 Amp Main Rating)	(30) 1-pole breakers or (14) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	4,690.00
42	42 Positions (225 Amp Main Rating)	(42) 1-pole breakers or (20) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	4,990.00

Code	Line Voltage	Heater Load	Adder
1	240/120 Vac, Single Phase, 3 Wire	120 Vac	nc
2	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc
4	240/120 Vac, Single Phase, 3 Wire	240 Vac	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 12 & 20)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 30 & 42)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
3(*)	25 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
4(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
5(*)	15 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
6(*)	20 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
7(*)	25 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
8(*)	30 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
9(*)	40 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 65K Fault Protection (Code 12 & 20 Only)	255.00
2	250 Amp with 65K Fault Protection (Code 30 & 42 Only)	615.00
	Main Circuit Breakers for 240/120V line Voltage	
A	80 Amp, 2 Pole Circuit Breaker	190.00
B	175 Amp, 2 Pole Circuit Breaker	540.00
C	250 Amp, 2 Pole Circuit Breaker	805.00
	Main Circuit Breakers for 208/120V line Voltage	
F	50 Amp, 3 Pole Circuit Breaker	160.00
G	100 Amp, 3 Pole Circuit Breaker	215.00
H	150 Amp, 3 Pole Circuit Breaker	625.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Ambient Controller	Adder
0	None (See Accessories)	nc
5	6040-R00000 1/16 DIN Controller (Panel Door Mounted)	300.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPAS -	42	2	1	1(20)	2	5	0	0	Typical Model Number (FPAS-4221(20)2500)

Technical Notes:
(*) Enter number of circuit breaker in parenthesis

Remote Mounted Control Accessories	PCN	Price
RTAS Thermostat	389589	370.00
RTAS-EP Division 2 Thermostat	389597	460.00
B-100 NEMA 4X Thermostat	305365	365.00
B-121 Division 2 Thermostat	384104	550.00
THL NEMA 4X Thermostat	387014	335.00
TXL Division 2 Thermostat	387022	525.00
LCD-1 Snow Switch	389781	500.00

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FPAS - weatherTRACE™ Series Heat Trace Panels

Model **277 Vac 4-Wire**

FPAS

FPAS series Ambient Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPAS series offers the following standard features: NEMA 4 enclosure, Hand/Off/Auto Selector Switch, Load Energized Indicator Lamp, Main Power On Lamp, Main Contactor, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Remote or Local Ambient Temperature Controller, Enclosure Heater, and Type Z Pressurization System. The FPAS series panels have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
181	18 Positions (100 Amp Main Rating)	(8) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	4,110.00
301	30 Positions (100 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	4,990.00
421	42 Positions (100 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	5,280.00
302	30 Positions (225 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	5,400.00
422	42 Positions (225 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	5,520.00

Code	Power Source	Load Voltage	Adder
1	3 Phase Power, 277/480 Vac 4-Wire	277 Vac (240 Vac Cable)	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 181, 301 & 302)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 421 & 422)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
3(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
4(*)	40 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 65K Fault Protection (Code 12 & 20 Only)	320.00
2	250 Amp with 65K Fault Protection (Code 30 & 42 Only)	615.00
	Main Circuit Breakers	
A	30 Amp, 3 Pole Circuit Breaker	220.00
B	50 Amp, 3 Pole Circuit Breaker	240.00
C	70 Amp, 3 Pole Circuit Breaker	255.00
F	125 Amp, 3 Pole Circuit Breaker	650.00
G	175 Amp, 3 Pole Circuit Breaker	650.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Ambient Controller	Adder
0	None (See Accessories)	nc
5	6040-R00000 1/16 DIN Controller (Panel Door Mounted)	300.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPAS -	302	1	1	2(20)	2	5	1	0	Typical Model Number (FPAS-302112(10)2510)

Technical Notes:

(*) Enter number of circuit breaker in parenthesis

Remote Mounted Control Accessories	PCN	Price
RTAS Thermostat	389589	370.00
RTAS-EP Division 2 Thermostat	389597	460.00
B-100 NEMA 4X Thermostat	305365	365.00
B-121 Division 2 Thermostat	384104	550.00
THL NEMA 4X Thermostat	387014	335.00
TXL Division 2 Thermostat	387022	525.00
LCD-1 Snow Switch	389781	500.00

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FPLS weatherTRACE™ Series Heat Trace Panels

Model **240/120 Vac Single-Phase, 208/120 Vac Three-Phase Wire**

FPLS

FPLS series Line Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPLS series offers the following standard features: NEMA 4 enclosure, Main Power on Lamp and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Enclosure Heater, and Type Z Pressurization System. The FPLS series have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
12	12 Positions (100 Amp Main Rating)	(12) 1-pole breakers or (6) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	2,350.00
20	20 Positions (100 Amp Main Rating)	(20) 1-pole breakers or (10) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	2,480.00
30	30 Positions (225 Amp Main Rating)	(30) 1-pole breakers or (14) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	2,640.00
42	42 Positions (225 Amp Main Rating)	(42) 1-pole breakers or (20) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	2,710.00

Code	Line Voltage	Heater Load	Adder
1	240/120 Vac, Single Phase, 3 Wire	120 Vac	nc
2	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc
4	240/120 Vac, Single Phase, 3 Wire	240 Vac	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 12 & 20)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 30 & 42)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
3(*)	25 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
4(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
5(*)	15 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
6(*)	20 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
7(*)	25 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
8(*)	30 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
9(*)	40 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 65K Fault Protection (Code 12 & 20 Only)	255.00
2	250 Amp with 65K Fault Protection (Code 30 & 42 Only)	615.00
	Main Circuit Breakers for 240/120V line Voltage	
A	80 Amp, 2 Pole Circuit Breaker	190.00
B	175 Amp, 2 Pole Circuit Breaker	540.00
C	250 Amp, 2 Pole Circuit Breaker	805.00
	Main Circuit Breakers for 208/120V line Voltage	
F	50 Amp, 3 Pole Circuit Breaker	160.00
G	100 Amp, 3 Pole Circuit Breaker	215.00
H	150 Amp, 3 Pole Circuit Breaker	625.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPLS -	20	1	1	1(4)	2	5	0	Typical Model Number (FPLS-20111(4)100))

Techinal Notes:
(*) Enter number of circuit breakers in parenthesis

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FPLS weatherTRACE™ Series Heat Trace Panels

Model **277 Vac 4-Wire**

FPLS — FPLS series Line Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPLS series offers the following standard features: NEMA 4 enclosure, Main Power on Lamp and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Enclosure Heater, and Type Z Pressurization System. The FPLS series have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
181	18 Positions (100 Amp Main Rating)	(8) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	2,930.00
301	30 Positions (100 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	3,240.00
421	42 Positions (100 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	3,350.00
302	30 Positions (225 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	3,470.00
422	42 Positions (225 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	3,700.00

Code	Power Source	Load Voltage	Adder
1	3 Phase Power, 277/480 Vac 4-Wire	277 Vac (240 Vac Cable)	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 181, 301 &302)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 421 & 422)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
3(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 25K Fault Protection (Code 181, 301 & 421 Only)	320.00
2	250 Amp with 35K Fault Protection	615.00
	Main Circuit Breakers	
A	30 Amp, 3 Pole Circuit Breaker	220.00
B	50 Amp, 3 Pole Circuit Breaker	240.00
C	70 Amp, 3 Pole Circuit Breaker	255.00
F	125 Amp, 3 Pole Circuit Breaker	650.00
G	175 Amp, 3 Pole Circuit Breaker	650.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPLS -	181	2	1	1(4)	1	1	0	Typical Model Number	(FPLS-181211(4)110)

Techinal Notes:
(*) Enter number of circuit breakers in parenthesis

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FPASM weatherTRACE™ Series Heat Trace Panels

Model **240/120 Vac Single-Phase, 208/120 Vac Three-Phase Wire**

FPASM

FPASM series Ambient Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPASM series offers the following standard features: NEMA 4 enclosure, Hand/Off/Auto Selector Switch, Load Energized Indicator Lamp, Main Power On Lamp, Main Contactor, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection.The FPASM weatherTRACE Sentinel continually monitors the supply voltage to each individual heat trace circuit. Loss of voltage or ground fault condition triggers automatic alarm condition to an annunciator panel which identifies the faulted zone and a Common Alarm is activated with the Re-Ring Feature. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Remote or Local Ambient Temperature Controller, Enclosure Heater, and Type Z Pressurization System. The FPASM series have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
12	12 Positions (100 Amp Main Rating)	(12) 1-pole breakers or (6) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	7,920.00
20	20 Positions (100 Amp Main Rating)	(20) 1-pole breakers or (10) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	9,080.00
30	30 Positions (225 Amp Main Rating)	(30) 1-pole breakers or (14) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	12,290.00
42	42 Positions (225 Amp Main Rating)	(42) 1-pole breakers or (20) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	15,560.00

Code	Line Voltage	Heater Load	Adder
1	240/120 Vac, Single Phase, 3 Wire	120 Vac	nc
2	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc
4	240/120 Vac, Single Phase, 3 Wire	240 Vac	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 12 & 20)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 30 & 42)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
3(*)	25 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
4(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
5(*)	15 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
6(*)	20 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
7(*)	25 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
8(*)	30 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
9(*)	40 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 65K Fault Protection (Code 12 & 20 Only)	255.00
2	250 Amp with 65K Fault Protection (Code 30 & 42 Only)	615.00
	Main Circuit Breakers for 240/120V line Voltage	
A	80 Amp, 2 Pole Circuit Breaker	190.00
B	175 Amp, 2 Pole Circuit Breaker	540.00
C	250 Amp, 2 Pole Circuit Breaker	805.00
	Main Circuit Breakers for 208/120V line Voltage	
F	50 Amp, 3 Pole Circuit Breaker	160.00
G	100 Amp, 3 Pole Circuit Breaker	215.00
H	150 Amp, 3 Pole Circuit Breaker	625.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Ambient Controller	Adder
0	None (See Accessories)	nc
5	6040-R00000 1/16 DIN Controller (Panel Door Mounted)	300.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPASM -	42	2	1	5(20)	2	5	0	0	Typical Model Number (FPASM-42215(20)2500)

Technical Notes:
(*) Enter number of circuit breaker in parenthesis

Remote Mounted Control Accessories	PCN	Price
RTAS Thermostat	389589	370.00
RTAS-EP Division 2 Thermostat	389597	460.00
B-100 NEMA 4X Thermostat	305365	365.00
B-121 Division 2 Thermostat	384104	550.00
THL NEMA 4X Thermostat	387014	335.00
TXL Division 2 Thermostat	387022	525.00
LCD-1 Snow Switch	389781	500.00

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FPASM weatherTRACE™ Series Heat Trace Panels

Model **277 Vac 4-Wire; ambient rating 40°C (104°F)**

FPASM

FPASM series Ambient Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPASM series offers the following standard features: NEMA 4 enclosure, Hand/Off/Auto Selector Switch, Load Energized Indicator Lamp, Main Power On Lamp, Main Contactor, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection.The FPASM weatherTRACE Sentinel continually monitors the supply voltage to each individual heat trace circuit. Loss of voltage or ground fault condition triggers automatic alarm condition to an annunciator panel which identifies the faulted zone and a Common Alarm is activated with the Re-Ring Feature. Options include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Remote or Local Ambient Temperature Controller, Enclosure Heater, and Type Z Pressurization System. The FPASM series have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
181	18 Positions (100 Amp Main Rating)	(8) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	10,540.00
301	30 Positions (100 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	13,190.00
421	42 Positions (100 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	15,810.00
302	30 Positions (225 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	16,110.00
422	42 Positions (225 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	16,390.00

Code	Power Source	Load Voltage	Adder
1	3 Phase Power, 277/480 Vac 4-Wire	277 Vac (240 Vac Cable)	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 181, 301 & 302)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 421 & 422)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 277 Vac load	540.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 277 Vac load	540.00
3(*)	30 Amp 1-Pole GFI Circuit Breaker for 277 Vac load	540.00
4(*)	40 Amp 1-Pole GFI Circuit Breaker for 277 Vac load	540.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnect	
1	100 Amp with 25K Fault Protection (Code 181, 301 & 421 Only)	320.00
2	250 Amp with 35K Fault Protection	615.00
	Main Circuit Breakers	
A	30 Amp, 3 Pole Circuit Breaker	220.00
B	50 Amp, 3 Pole Circuit Breaker	240.00
C	70 Amp, 3 Pole Circuit Breaker	255.00
F	125 Amp, 3 Pole Circuit Breaker	650.00
G	175 Amp, 3 Pole Circuit Breaker	650.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Ambient Controller	Adder
0	None (See Accessories)	nc
5	6040-R00000 1/16 DIN Controller (Panel Door Mounted)	300.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPASM -	422	1	1	1(20)	2	5	0	0	Typical Model Number (FPAS-422111(10)2500)

Technical Notes:

(*) Enter number of circuit breaker in parenthesis

Remote Mounted Control Accessories	PCN	Price
RTAS Thermostat	389589	370.00
RTAS-EP Division 2 Thermostat	389597	460.00
B-100 NEMA 4X Thermostat	305365	365.00
B-121 Division 2 Thermostat	384104	550.00
THL NEMA 4X Thermostat	387014	335.00
TXL Division 2 Thermostat	387022	525.00
LCD-1 Snow Switch	389781	500.00

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FPLSM weatherTRACE™ Series Heat Trace Panels

Model **240/120 Vac Single-Phase, 208/120 Vac Three-Phase 4-Wire**

FPLSM

FPLSM series Line Sensing Heat Trace Panels are designed for use in industrial Freeze Protection and Snow Melt applications. The Chromalox FPLSM series offers the following standard features: NEMA 4 enclosure, Main Power On Lamp, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. The FPLSM WeatherTRACE Sentinel continually monitors the supply voltage to each individual heat trace circuit. Loss of voltage or a ground fault condition trggers and automatic alarm to an annunciator panel which identifies the faulted zone and a Common Alarm is activated with the Re-Ring Feature. Options Include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Cabinet Heater, andType Z Pressurization System. The FPLSM series panels have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
12	12 Positions (100 Amp Main Rating)	(12) 1-pole breakers or (6) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	7,040.00
20	20 Positions (100 Amp Main Rating)	(20) 1-pole breakers or (10) 2-pole Breakers	48 x 36 x 10 (122 x 92 x 25)	8,150.00
30	30 Positions (225 Amp Main Rating)	(30) 1-pole breakers or (14) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	12,290.00
42	42 Positions (225 Amp Main Rating)	(42) 1-pole breakers or (20) 2-pole Breakers	60 x 36 x 10 (152 x 92 x 25)	14,050.00

Code	Line Voltage	Heater Load	Adder
1	240/120 Vac, Single Phase, 3 Wire	120 Vac	nc
2	208/120 Vac, 3 Phase, 4 Wire	120 Vac	nc
3	208/120 Vac, 3 Phase, 4 Wire	208 Vac (240 Vac Cable)	nc
4	240/120 Vac, Single Phase, 3 Wire	240 Vac	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 12 & 20)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 30 & 42)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
3(*)	25 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
4(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	160.00
5(*)	15 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
6(*)	20 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
7(*)	25 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00
8(*)	30 Amp 2-Pole GFI Circuit Breaker for 208/240 Vac load	240.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 65K Fault Protection (Code 12 & 20 Only)	255.00
2	250 Amp with 65K Fault Protection (Code 30 & 42 Only)	615.00
	Main Circuit Breakers for 240/120V line Voltage	
A	80 Amp, 2 Pole Circuit Breaker	190.00
B	175 Amp, 2 Pole Circuit Breaker	540.00
C	250 Amp, 2 Pole Circuit Breaker	805.00
	Main Circuit Breakers for 208/120V line Voltage	
F	50 Amp, 3 Pole Circuit Breaker	160.00
G	100 Amp, 3 Pole Circuit Breaker	215.00
H	150 Amp, 3 Pole Circuit Breaker	625.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPLSM -	30	2	1	2(30)	3	5	0	Typical Model Number (FPLSM-30212(30)300)

Technical Notes:
(*) Enter number of circuit breaker in parenthesis

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FPLSM weatherTRACE™ Series Heat Trace Panels

Model **277 Vac 4-Wire; ambient rating 40°C (104°F)**

FPLSM

FPLSM series Line Sensing Heat Trace Panels are designed for use in Freeze Protection and Snow Melt applications. The Chromalox FPLSM series offers the following standard features: NEMA 4 enclosure, Main Power On Lamp, and Thermal Magnetic Branch Circuit Breakers with 30mA Ground Fault Equipment Protection. The FPLSM WeatherTRACE Sentinel continually monitors the supply voltage to each individual heat trace circuit. Loss of voltage or a ground fault condition trggers and automatic alarm to an annunciator panel which identifies the faulted zone and a Common Alarm is activated with the Re-Ring Feature. The FPLSM Options Include: NEMA 4X 304 Stainless Steel Enclosures, Main Disconnect Switch, Enclosure Heater, andType Z Pressurization System. The FPLSM series panels have UL and cUL Third Party Approvals.

Code	Panelboard	Available Breaker Poles	Enclosure Size HxWxD In, (cm)	Base Price
181	18 Positions (100 Amp Main Rating)	(8) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	9,480.00
301	30 Positions (100 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	11,830.00
421	42 Positions (100 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	14,940.00
302	30 Positions (225 Amp Main Rating)	(14) 1-pole breakers	48 x 36 x 10 (122 x 92 x 25)	15,530.00
422	42 Positions (225 Amp Main Rating)	(20) 1-pole breakers	60 x 36 x 10 (152 x 92 x 25)	16,110.00

Code	Power Source	Heater Load	Adder
1	3 Phase Power, 277/480 Vac 4-Wire	277 Vac (240 Vac Cable)	nc

Code	Enclosure Rating	Adder
1	NEMA 4 Single-Door, Wall-Mount Steel Enclosure	nc
2	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 181, 301 &302)	1,600.00
3	NEMA 4X 304 Stainless Steel Wall-Mount Enclosure; (Code 421 & 422)	1,780.00

Code	Branch Circuit Breaker Selection (DO NOT EXCEED MAIN RATING)	Adder / Ckt
1(*)	15 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
2(*)	20 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00
3(*)	30 Amp 1-Pole GFI Circuit Breaker for 120 Vac load	540.00

Code	Main Disconnect or Main Circuit Breaker Selection	Adder
0	None	nc
	Disconnects	
1	100 Amp with 25K Fault Protection (Code 181, 301 & 421 Only)	320.00
2	250 Amp with 35K Fault Protection	615.00
	Main Circuit Breakers	
A	30 Amp, 3 Pole Circuit Breaker	220.00
B	50 Amp, 3 Pole Circuit Breaker	240.00
C	70 Amp, 3 Pole Circuit Breaker	255.00
F	125 Amp, 3 Pole Circuit Breaker	650.00
G	175 Amp, 3 Pole Circuit Breaker	650.00
J	225 Amp, 3 Pole Circuit Breaker	650.00

Code	Enclosure Heater	Adder
0	None	nc
1	Thermostat Controlled Enclosure Heater	255.00

Code	Pressurization Control System	Adder
0	None	nc
1	Type Z Class 1, Division 2	3,380.00

FPLSM -	181	1	1	1(5)	1	0	0	Typical Model Number	(FPLS-18111(5)100)

Techinal Notes:
(*) Enter number of circuit breakers in parenthesis

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PR Series RTD Probes with Connection Heads

Platinum RTD Probes

PR-11 . . . . . **Consult Sales**
PR-12 . . . . . **Consult Sales**
PR-14 . . . . . **Consult Sales**
PR-18 . . . . . **Consult Sales**
PR-19 . . . . . **Consult Sales**

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Bayonet and Compression Fitting RTD's

	Price
BT Series	
BT-000-RTD-2 1/4-60-1/C	$ 189.00
BT-000-RTD-2 1/4-60-2/C	$ 197.00
BT-000-RTD-3 1/2-60-1/C	$ 189.00
BT-000-RTD-3 1/2-60-2/C	$ 202.00
BT-090-RTD-2 1/4-60-1/C	$ 191.00
BT-090-RTD-2 1/4-60-2/C	$ 197.00
BT-909-RTD-3 1/2-60-1/C	$ 191.00
BT-090-RTD-3 1/2-60-2/C	$ 197.00
CF Series	
CF-000-RTD-2-60-1/C	$ 179.00
CF-000-RTD-2-60-2/C	$ 186.00
CF-000-RTD-4-60-1/C	$ 179.00
CF-000-RTD-4-60-2/C	$ 186.00
CF-090-RTD-2-60-1/C	$ 192.00
CF-090-RTD-2-60-2/C	$ 188.00
CF-090-RTD-4-60-1/C	$ 192.00
CF-090-RTD-4-60-2/C	$ 188.00

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800 Series RTD's

Precision RTD Probes

RTD-805/C	**170.00**
RTD-830/C	**134.00**
RTD-850/C	**134.00**
RTD-860/C	**170.00**

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Surface Mount RTD's

SRTD

Surface Mount RTD Series	
SRTD-1/C	$ 224.00
SRTD-2/C	$ 273.00
OB-101-1/2C	$ 25.00
OB-200-2/C	$ 40.00
SA1-RTS	$ 98.00
SA1-RTD-80	$ 110.00
SA1-RTD-120	$ 127.00

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C700JUA and C700KUA Thermocouples

These Thermocouples are designed for general applications.
They are encased in a thin stainless-steel sheath and can be used in mildly corrosive fluids.

Type	Old Model Number	Old CIC PN	Model	PCN	Price
J	C700JUA	0104-10000	TJ120-ICSS-18U-6-GG/C (C700JUA)	309980	$ 73.00
K	C700KUA	0104-10008	TJ120-CASS-18U-6-GG/C (C700KUA)	309972	$ 73.00
J	C700JU	0104-12119	TJ120-ICSS-18U-6-GG/C (C700JU)	293544	$ 73.00
K	C700KU	0104-12120	TJ120-ICSS-18U-6-GG/C (C700KU)	293552	$ 73.00

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XCIB High Temperature Overbraided Thermocouples

Probe Style 1 - 3 & 10 Foot Lenghts	
XCIB-(*)-1-1-3/C	**$ 84.00**
XCIB-(*)-1-1-10/C	**$ 117.00**
XCIB-(*)-1-2-3/C	**$ 71.00**
XCIB-(*)-1-2-10/C	**$ 101.00**
XCIB-(*)-1-3-3/C	**$ 79.00**
XCIB-(*)-1-3-10/C	**$ 103.00**
XCIB-(*)-1-4-3/C	**$ 81.00**
XCIB-(*)-1-4-10/C	**$ 111.00**
Probe Style 2 - 3 & 10 Foot Lenghts	
XCIB-(*)-2-1-3/C	**$ 83.00**
XCIB-(*)-2-1-10/C	**$ 116.00**
XCIB-(*)-2-2-3/C	**$ 71.00**
XCIB-(*)-2-2-10/C	**$ 101.00**
XCIB-(*)-2-3-3/C	**$ 79.00**
XCIB-(*)-2-3-10/C	**$ 103.00**
XCIB-(*)-2-4-3/C	**$ 81.00**
XCIB-(*)-2-4-10/C	**$ 111.00**
Probe Style 3 - 3 & 10 Foot Lenghts	
XCIB-(*)-3-1-3/C	**$ 96.00**
XCIB-(*)-3-1-10/C	**$ 117.00**
XCIB-(*)-3-2-3/C	**$ 81.00**
XCIB-(*)-3-2-10/C	**$ 110.00**
XCIB-(*)-3-3-3/C	**$ 81.00**
XCIB-(*)-3-3-10/C	**$ 109.00**
XCIB-(*)-3-4-3/C	**$ 82.00**
XCIB-(*)-3-4-10/C	**$ 110.00**
Probe Style 4 - 3 & 10 Foot Lenghts	
XCIB-(*)-4-1-3/C	**$ 97.00**
XCIB-(*)-4-1-10/C	**$ 122.00**
XCIB-(*)-4-2-3/C	**$ 96.00**
XCIB-(*)-4-2-10/C	**$ 125.00**
XCIB-(*)-4-3-3/C	**$ 101.00**
XCIB-(*)-4-3-10/C	**$ 125.00**
XCIB-(*)-4-4-3/C	**$ 96.00**
XCIB-(*)-4-4-10/C	**$ 121.00**
Probe Style 5 - 3 & 10 Foot Lenghts	
XCIB-(*)-5-1-3/C	**$ 103.00**
XCIB-(*)-5-1-10/C	**$ 129.00**
XCIB-(*)-5-2-3/C	**$ 103.00**
XCIB-(*)-5-2-10/C	**$ 129.00**
XCIB-(*)-5-3-3/C	**$ 111.00**
XCIB-(*)-5-3-10/C	**$ 134.00**
XCIB-(*)-5-4-3/C	**$ 101.00**
XCIB-(*)-5-4-10/C	**$ 125.00**

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5TC Series Thermocouples

Package of 5 Thermocouples	
5TC-GG-(*)-20-36/C	$ 80.00
5TC-GG-(*)-20-72/C	$ 100.00
5TC-GG-(*)-24-36/C	$ 68.00
5TC-GG-(*)-24-72/C	$ 90.00
5TC-GG-(*)-30-36/C	$ 68.00
5TC-GG-(*)-30-72/C	$ 90.00
5TC-TT-(*)-20-36/C	$ 94.00
5TC-TT-(*)-20-72/C	$ 129.00
5TC-TT-(*)-24-36/C	$ 79.00
5TC-TT-(*)-24-72/C	$ 93.00
5TC-TT-(*)-30-36/C	$ 96.00
5TC-TT-(*)-30-72/C	$ 119.00
5TC-TT-(*)-36-36/C	$ 94.00
5TC-TT-(*)-36-72/C	$ 129.00

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5SC Series Thermocouples

Package of 5 Thermocouples with Male Connector

5SC-TT-(*)-36-36/C	$	154.00
5SC-TT-(*)-36-72/C	$	189.00
5SC-TT-(*)-30-36/C	$	148.00
5SC-TT-(*)-30-72/C	$	184.00
5SC-GG-(*)-30-36/C	$	111.00
5SC-GG-(*)-30-72/C	$	148.00

**Specify Calibration - J, K, T or E*

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SA1 Series Thermocouples

Package of 5 Self-Adhesive Thermocouples

SA1-J/C	.....	**$ 117.00**
SA1-K/C	.....	**$ 117.00**
SA1-E/C	.....	**$ 117.00**
SA1-T/C	.....	**$ 117.00**

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88000 Series Unique Surface Probes

Unique Surface Probes	
88003K/C	**$ 229.00**
88006K/C	**$ 219.00**
88101K/C	**$ 219.00**

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Heat Trace/Pipe Sensor

Model	Sensor	Insulation	Common Junction	Temperature Range, °F (°C) Min	Max	Base Price
RBF185M-	RTD	Fiberglass		-100 (-73)	900 (482)	100.00
J48U-HT	Type J	MGO	Ungrounded	32 (0)	900 (482)	67.00
K48U-HT	Type K	MGO	Ungrounded	900 (482)	1800 (982)	67.00
T48U-HT	Type T	MGO	Ungrounded	-300 (-184)	500 (260)	67.00
E48U-HT	Type E	MGO	Ungrounded	32 (0)	1800 (982)	67.00

Code	Sheath Lenghts Hot Leg	Cold Leg
304	3"	4"
306	3"	6"
308	3"	8"

Code	Mounting Pad
18RD	Fits all pipe sizes*

Code	Connection Heads	Adder	
31SB/C	Aluminum - NEMA 4	67.00	
49SB/C	Flip top Aluminum Head - NEMA 4	67.00	
71SB/C	Cast Iron/Aluminum - NEMA 4 - Explosion Resistant - Class I, Division 2	115.00	
73SB/C	Cast Aluminum - ATEX	145.00	NEW
81SB/C	316L Stainless Steel - NEMA 4X - Explosion Resistant	250.00	
83SB/C	316L Stainless Steel - ATEX	330.00	NEW
91SB/C	316L Stainless Steel - NEMA 4X	250.00	

J48U-HT 304 18RD 31SB/C Typical Model Number (J48U-HT-030418RD31SB/C)

*Mounting Pad conforms to the pipe once pipe clamps are tightened.

In Stock

Part Number	PCN	Price
RBF185M-HT-304-18RD-31SB/C	317315	167.00
RBF185M-HT-304-18RD-71SB/C	317340	215.00

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260 Series Thermowells

DESCRIPTION	304SS	316SS	CS	BRASS
Series 260S				
Standard Thermowell for General Use				
1/2-260S-U2 1/2-(*)/C	$ 56.00	$ 75.00	$ 47.00	$ 47.00
1/2-260S-U4 1/2-(*)/C	$ 68.00	$ 86.00	$ 54.00	$ 54.00
1/2-260S-U7 1/2-(*)/C	$ 94.00	$ 120.00	$ 78.00	$ 78.00
1/2-260S U10 1/2-(*)/C	$ 110.00	$ 141.00	$ 96.00	$ 96.00
1/2-260S-U13 1/2-(*)/C	$ 155.00	$ 205.00	$ 125.00	$ 125.00
1/2-260S-U16 1/2-(*)/C	$ 190.00	$ 235.00	$ 145.00	$ 145.00
1/2-260S-U22 1/2-(*)/C	$ 230.00	$ 300.00	$ 160.00	$ 160.00
3/4-260S-U2 1/2-(*)/C	$ 56.00	$ 75.00	$ 47.00	$ 47.00
3/4-260S-U4 1/2-(*)/C	$ 64.00	$ 87.00	$ 54.00	$ 54.00
3/4-260S-U7 1/2-(*)/C	$ 94.00	$ 121.00	$ 78.00	$ 78.00
3/4-260S-U10 1/2-(*)/C	$ 110.00	$ 141.00	$ 96.00	$ 96.00
3/4-260S-U13 1/2-(*)/C	$ 155.00	$ 205.00	$ 125.00	$ 125.00
3/4-260S-U16 1/2-(*)/C	$ 190.00	$ 240.00	$ 145.00	$ 145.00
3/4-260S-U22 1/2-(*)/C	$ 230.00	$ 300.00	$ 160.00	$ 160.00

** Insert desired material - 304SS, 316SS (Standard), CS (Carbon Steel) or Brass*

Series 260L				
Lagging Extension Type Thermowell				
1/2-260L-U2 1/2-(*)/C	$ 70.00	$ 100.00	$ 56.00	$ 56.00
1/2-260L-U4 1/2-(*)/C	$ 102.00	$ 135.00	$ 86.00	$ 86.00
1/2-260L-U7 1/2-(*)/C	$ 119.00	$ 160.00	$ 102.00	$ 102.00
1/2-260L-U10 1/2-(*)/C	$ 164.00	$ 225.00	$ 130.00	$ 130.00
1/2-260L-U13 1/2-(*)/C	$ 200.00	$ 260.00	$ 155.00	$ 154.00
1/2-260L-U19 1/2-(*)/C	$ 250.00	$ 325.00	$ 190.00	$ 179.00
3/4-260L-U2 1/2-(*)/C	$ 75.00	$ 95.00	$ 65.00	$ 56.00
3/4-260L-U4 1/2-(*)/C	$ 110.00	$ 135.00	$ 90.00	$ 86.00
3/4-260L-U7 1/2-(*)/C	$ 125.00	$ 155.00	$ 110.00	$ 105.00
3/4-260L-U10 1/2-(*)/C	$ 165.00	$ 220.00	$ 135.00	$ 130.00
3/4-260L-U13 1/2-(*)/C	$ 205.00	$ 260.00	$ 155.00	$ 154.00
3/4-260L-U19 1/2-(*)/C	$ 250.00	$ 330.00	$ 190.00	$ 179.00

** Insert desired material - 304SS, 316SS (Standard), CS (Carbon Steel) or Brass*

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Standard Thermocouple and RTD Connectors

NHX-K-M/C	$ 18.00
NHX-K-F/C	$ 20.00
NHX-T-M/C	$ 18.00
NHX-T-F/C	$ 20.00
NHX-J-M/C	$ 18.00
NHX-J-F/C	$ 20.00
NHX-E-M/C	$ 18.00
NHX-E-F/C	$ 20.00
NHX-R-M/C	$ 18.00
NHX-R-F/C	$ 20.00
NHX-S-M/C	$ 18.00
NHX-S-F/C	$ 20.00
NHX-U-M/C	$ 18.00
NHX-U-F/C	$ 20.00
NHX-N-M/C	$ 18.00
NHX-N-F/C	$ 20.00
OSTW-K-M/C	$ 12.00
OSTW-K-F/C	$ 15.00
OSTW-T-M/C	$ 12.00
OSTW-T-F/C	$ 15.00
OSTW-J-M/C	$ 12.00
OSTW-J-F/C	$ 15.00
OSTW-E-M/C	$ 12.00
OSTW-E-F/C	$ 15.00
OSTW-R-M/C	$ 12.00
OSTW-R-F/C	$ 15.00
OSTW-S-M/C	$ 12.00
OSTW-S-F/C	$ 15.00
OSTW-U-M/C	$ 12.00
OSTW-U-F/C	$ 15.00
OSTW-T-M/C	$ 12.00
OSTW-T-F/C	$ 15.00
OTP-K-M/C	$ 15.00
OTP-K-F/C	$ 17.00
OTP-T-M/C	$ 15.00
OTP-T-F/C	$ 17.00
OTP-J-M/C	$ 15.00
OTP-J-F/C	$ 17.00
OTP-E-M/C	$ 15.00
OTP-E-F/C	$ 17.00

*Specify Thermocouple type K, T, J, E, R, S, U

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Subminiature Thermocouple and RTD Connectors

SHX-K-M/C	$ 16.00
SHX-K-F/C	$ 19.00
SHX-T-M/C	$ 16.00
SHX-T-F/C	$ 19.00
SHX-J-M/C	$ 16.00
SHX-J-F/C	$ 19.00
SHX-E-M/C	$ 16.00
SHX-E-F/C	$ 19.00
SHX-R-M/C	$ 16.00
SHX-R-F/C	$ 19.00
SHX-S-M/C	$ 16.00
SHX-S-F/C	$ 19.00
SHX-U-M/C	$ 16.00
SHX-U-F/C	$ 19.00
SMPW-K-M/C	$ 12.00
SMPW-K-F/C	$ 12.00
SMPW-T-M/C	$ 12.00
SMPW-T-F/C	$ 12.00
SMPW-J-M/C	$ 12.00
SMPW-J-F/C	$ 12.00
SMPW-E-M/C	$ 12.00
SMPW-E-F/C	$ 12.00
SMPW-R-M/C	$ 12.00
SMPW-R-F/C	$ 12.00
SMPW-S-M/C	$ 12.00
SMPW-S-F/C	$ 12.00
SMPW-U-M/C	$ 12.00
SMPW-U-F/C	$ 12.00
MTP-K-M/C	$ 14.00
MTP-K-F/C	$ 14.00
MTP-T-M/C	$ 14.00
MTP-T-F/C	$ 14.00
MTP-J-M/C	$ 14.00
MTP-J-F/C	$ 14.00
MTP-E-M/C	$ 14.00
MTP-E-F/C	$ 14.00
MTP-R-M/C	$ 13.00
MTP-R-F/C	$ 13.00
MTP-U-M/C	$ 13.00
MTP-U-F/C	$ 13.00
MTP-N-M/C	$ 15.00
MTP-N-F/C	$ 17.00
MPJ-K-F/C	$ 13.00
MPJ-T-F/C	$ 13.00
MPJ-J-F/C	$ 13.00
MPJ-E-F/C	$ 13.00
MPJ-R-F/C	$ 13.00
MPJ-S-F/C	$ 13.00
MPJ-U-F/C	$ 13.00

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MGO Thermocouples

Code	Thermocouple Alloy	Min Temp F.	Max Temp F.
J	Iron/Constantan	32	700
K	Chromel/Alumel	32	1600
T	Copper/Constantan	-328	400
E	Chromel/Constantan	32	800

CODE	Number of Elements
S	One (Single)
D	Two (Dual)

CODE	Sheath Diameter
A	1/16"
B	1/8"
C	3/16"
E	1/4"
F	3/8"

CODE	Sheath Material	Thermocouple Type
2	304 Stainless Steel = General Purpose, Good Corrosion Resistance	**J,K,T,E**
3	316 Stainless Steel = Superior corrosion resistance	**J,K,T,E**
4	Inconel 600 = Excellent Corrosion Resistance at High Temperatures	**J,K**

CODE	Junction
G	Grounded
U	Ungrounded
E	Exposed (Not available on 1/16" Diameter Sheath)

CODE	PROBE LENGTH (On bent T/Cs PROBE LENGTH = Hot Leg + Cold Leg)
XXX	XXX = Probe Length in inches

CODE	Fraction of an Inch Probe Lengths
A	None
B	1/4"
C	1/2"
E	3/4"

CODE	Sheath Bend Angle and Length
000	None
2XX	45° Sheath Bend, XX = length in inches from Probe Tip to start of bend (hot leg).
3XX	90° Sheath Bend, XX = length in inches from Probe Tip to start of bend (hot leg).

CODE	Junction Fitting
J1	None (Epoxy Seal)
J3	1/2" x 1/2" NPT 316 Stainless Steel Hex Nipple (For Connection Head or Replacement Probe)
J4	Spring Loaded 1/2" x 1/2" NPT 316 Stainless Steel Hex Nipple (Connection Head Use Only!)
J5	Stainless Steel Transition Joint (400°F Max) with spring style strain relief
J6	Stainless Steel Transition Joint with High Temp. Potting (1000°F) with spring style strain relief
J7	Stainless Steel Transition fitting without strain relief
J8	Stainless Steel Transition fitting same diameter as sheath. (Not available on 1/16" Diameter Sheath)
JC	1/2" NPT Fixed Bushing 316 Stainless Steel

CODE	Lead-Wire Type & Connection Head Options –	Thermocouple Types
NA	None	**J,K,T,E**
F1	Fiberglass insulation - solid conductor	**J,K,T**
F2	Fiberglass insulation - solid conductor - flexible armor	**J,K,T**
F3	Fiberglass insulation - solid conductor - stainless steel overbraid	**J,K**
F4	Fiberglass insulation - Stranded conductor	**J,K**
F5	Fiberglass insulation - Stranded conductor - flexible armor	**J,K**
F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid	**J**
T1	Teflon insulation - solid conductor	**J,K,T**
T2	Teflon insulation - solid conductor - flexible armor	**J,K,T**
T3	Teflon insulation - Stranded conductor	**J,K**
T4	Teflon insulation - Stranded conductor - flexible armor	**J,K**
H1	Cast Aluminum Connection Head with Terminal Block	**J,K,T,E**
H2	Flip Top Aluminum Connection Head with Terminal Block	**J,K,T,E**
H4	Explosion Proof-316L SS Connection Head with Terminal Block	**J,K,T,E**
H5	316L Stainless Steel Connection Head with Terminal Block	**J,K,T,E**
H7	Cast Iron Connection Head with Terminal Block	**J,K,T,E**
H8	Explosion Proof-Cast Iron/Alum Connection Head with Terminal Block	**J,K,T,E**

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CODE	Lead Length "F" Dimension
XXX	XXX = Lead Length in inches

CODE	Termination Options Thermocouple Types	
01	None	**J,K,T,E**
02	Leads stripped 2"	**J,K,T,E**
03	Leads stripped 2" with spade lugs	**J,K,T,E**
04	Leads stripped 2" with 1/2" NPT Bx connector	**J,K,T,E**
05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector	**J,K,T,E**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**J,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**
	* Plugs and Jacks 500°F maximum temperature, single element thermocouples only	
	Thermowells for 1/4" diameter Probes (4" to 26" length), Connection Head H8 only	
18	Matching Built-Up Protection Wells, External 1/2" NPT and Internal 1/2" NPT, 316SS, .260 Bore	

J	S	E	2	U-	012	A	000-	J5	T3	036	02

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MGO Filled Thermocouples

Typical PN: JSE2U-012A000-J5T3036-02

Pricing		Code	Adder
Step 1	Junction type	U	$4.00

Junction Type		
Code	Single	Dual
G	N/C	N/C
U	$4.00	$6.60
E	$2.80	$5.50

		Code	Adder
Step 2	Probe length	012	$20.15

Probe length in inches	
Code	
XXX	12” Base Price + Adder for each additional 6” from table

Examples:
JSE2 12” probe = $20.15
JSE2 18” probe = $20.15 + (1 x $5.10) = $25.25
JSE2 24” probe = $20.15 + (2 x $5.10) = $30.35

		Code	Adder
Step 3	Fractional length	A	$0.00

Fractional Probe length	
Code	
A	$0.00
B	$0.00
C	$0.00
D	$0.00

		Code	Adder
Step 4	Sheath bend	000	$0.00

Sheath Bends		
Code		
000	$0.00	
2XX	$2.80	
3XX	$2.80	

		Code	Adder
Step 5	Junction Fitting	J5	$12.65

Junction Fitting		
Code	Single	Dual
J1	$0.00	$0.00
J3	$28.65	$28.65
J4	$30.65	$30.65
J5	$12.65	$17.80
J6	$12.65	$17.80
J7	$11.25	$16.40
J8	$27.35	NA
JC	$23.75	$23.75

		Code	Adder
Step 6	Lead wire	T3	$0.00

Lead-Wire & Connection Head Options		
Code	Single	Dual
NA	$0.00	$0.00
F1	$0.00	$0.00
F2	$0.00	$0.00
F3	$0.00	$0.00
F4	$0.00	$0.00
F5	$0.00	$0.00
F6	$0.00	$0.00
T1	$0.00	$0.00
T2	$0.00	$0.00
T3	$0.00	$0.00
T4	$0.00	$0.00
H1	$36.90	$42.30
H2	$43.55	$54.05
H4	$166.35	$171.20
H5	$110.95	$117.05
H7	$48.30	$53.05
H8	$91.65	$100.15

		Code	Adder
Step 7	Lead Length	036	$4.20

Lead length in inches	
Code	Code for H1-H8 (no adder)
000	Lead wire adder per foot from table, round up to even foot length
XXX	

Examples:
36” of T3 lead wire = 3 x $1.40 = $4.20

		Code	Adder
Step 8	Terminations	02	$2.80

Termination Options		
Code	Single	Dual
01	$0.00	$0.00
02	$2.80	$4.90
03	$3.20	$6.60
04	$5.50	$8.00
05	$5.95	$9.50
06	$11.90	NA
07	$11.90	NA
08	$19.25	NA
09	$19.25	NA
10	$11.25	NA
11	$11.75	NA
12	$17.90	NA
13	$17.90	NA

	Total
JSE2U-012A000-J5T303602	$43.80

Thermowells		
Code	4”-14”	14”-26”
18	$143.60	$186.00

Single Element		
Code	12" Base	6" adder
JSA2	$15.55	$1.40
JSA3	$15.70	$1.55
JSA4	$16.30	$1.90
JSB2	$11.55	$2.00
JSB3	$11.90	$2.30
JSB4	$14.00	$2.80
JSC2	$14.45	$3.20
JSC3	$14.80	$3.55
JSC4	$19.05	$4.35
JSE2	$20.15	$5.10
JSE3	$32.70	$5.60
JSE4	$33.10	$6.70
JSF2	$33.10	$10.30
JSF3	$34.05	$11.00
JSF4	$52.20	$12.50
KSA2	$15.45	$1.40
KSA3	$15.70	$1.55
KSA4	$16.30	$1.90
KSB2	$11.55	$2.00
KSB3	$11.90	$2.30
KSB4	$14.00	$2.80
KSC2	$14.45	$3.20
KSC3	$14.80	$3.55
KSC4	$19.05	$4.35
KSE2	$20.15	$5.10
KSE3	$32.70	$5.60
KSE4	$21.65	$6.70
KSF2	$33.10	$10.30
KSF3	$34.05	$11.00
KSF4	$52.20	$12.50
TSA2	$18.15	$1.55
TSA3	$19.05	$1.70
TSB2	$12.85	$2.70
TSB3	$13.60	$2.80
TSC2	$16.75	$3.55
TSC3	$18.00	$3.70
TSE2	$23.50	$5.75
TSE3	$24.90	$6.40
TSF2	$38.20	$11.25
TSF3	$40.45	$11.90
ESA2	$16.75	$1.55
ESA3	$19.25	$1.70
ESB2	$13.50	$2.30
ESB3	$14.35	$2.50
ESC2	$16.75	$3.55
ESC3	$18.00	$3.80
ESE2	$21.80	$6.05
ESE3	$22.90	$6.40
ESF2	$32.70	$9.95
ESF3	$34.65	$10.65

Dual Element		
Code	12" Base	6" adder
JDA2	$22.40	$2.20
JDA3	$22.70	$2.50
JDA4	$23.75	$2.70
JDB2	$14.45	$2.80
JDB3	$14.90	$3.55
JDB4	$18.00	$3.80
JDC2	$18.25	$4.10
JDC3	$18.45	$5.25
JDC4	$23.75	$5.50
JDE2	$24.90	$6.20
JDE3	$25.45	$7.90
JDE4	$39.05	$8.20
JDF2	$38.00	$11.65
JDF3	$38.85	$13.70
JDF4	$58.35	$14.45
KDA2	$22.40	$2.20
KDA3	$22.70	$2.50
KDA4	$23.75	$2.70
KDB2	$14.45	$2.80
KDB3	$14.90	$3.55
KDB4	$18.00	$3.80
KDC2	$18.25	$4.10
KDC3	$18.45	$5.25
KDC4	$23.75	$5.50
KDE2	$24.90	$6.20
KDE3	$25.45	$7.90
KDE4	$39.05	$8.20
KDF2	$38.00	$11.65
KDF3	$38.85	$13.70
KDF4	$58.35	$14.45
TDA2	$25.05	$2.30
TDA3	$26.50	$2.40
TDB2	$18.00	$3.80
TDB3	$19.15	$4.00
TDC2	$18.85	$4.35
TDC3	$20.05	$4.45
TDE2	$25.75	$6.70
TDE3	$27.55	$6.95
TDF2	$42.40	$13.30
TDF3	$44.50	$14.00
EDA2	$23.75	$2.70
EDA3	$26.40	$2.80
EDB2	$15.80	$2.95
EDB3	$16.75	$3.20
EDC2	$19.05	$4.10
EDC3	$20.15	$4.35
EDE2	$26.15	$6.70
EDE3	$27.85	$7.10
EDF2	$38.20	$11.25
EDF3	$40.15	$11.90

Lead-Wire Adder Per Foot						
	Type J		Type K		Type T	
Code	Single	Dual	Single	Dual	Single	Dual
NA	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
F1	$1.20	$1.90	$1.40	$2.10	$1.20	$1.90
F2	$2.95	$3.70	$3.30	$3.70	$2.70	$3.40
F3	$1.90	$2.70	$2.30	$2.70	NA	NA
F4	$1.30	$2.00	$1.40	$2.80	NA	NA
F5	$3.20	$3.70	$3.70	$4.35	NA	NA
F6	$1.90	$3.05	$2.40	$2.80	NA	NA
T1	$1.30	$2.00	$1.40	$2.30	$1.30	$2.40
T2	$2.95	$3.55	$3.05	$3.90	$2.50	$4.00
T3	$1.40	$2.30	$2.00	$2.50	NA	NA
T4	$3.20	$3.90	$3.70	$4.10	NA	NA

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Plastics Industry Thermocouples

	Thermocouple Alloy	Min Temp F.	Max Temp F.
JP	Iron/Constantan	32	700
KP	Chromel/Alumel	32	1600
TP	Copper/Constantan	-328	400

CODE	Number of Elements
S	One (Single)
D	Two (Dual)

CODE	Sheath Diameter	
B	1/8"	(Not Available in Dual Elements)
C	3/16"	
E	1/4"	

CODE	Sheath Material
2	304 Stainless Steel = General purpose, good corrosion resistance
3	316 Stainless Steel = Superior corrosion resistance

CODE	Junction	Note: Round Tip Standard
G	Grounded	
U	Ungrounded	

CODE	PROBE LENGTH (Max. Length 120") (On bent T/Cs PROBE LENGTH = Hot Leg + Cold Leg)
XXX	XXX = Probe Length in inches

CODE	Fraction of an inch Probe Lengths
A	None
B	1/4"
C	1/2"
E	3/4"

CODE	Sheath Bend Angle and Length
000	None
2XX	45° Sheath Bend, XX = length in inches from Probe Tip to start of bend (hot leg).
3XX	90° Sheath Bend, XX = length in inches from Probe Tip to start of bend (hot leg).

CODE	Junction Fitting
J2	Crimped
J9	7/16" ID Single slot spring loaded bayonet fitting (3/16" Diameter Sheath Only)

CODE	Lead-Wire Type	Thermocouple Types
NA	None	**J,K,T**
F1	Fiberglass insulation - solid conductor	**J,K,T**
F2	Fiberglass insulation - solid conductor - flexible armor	**J,K,T**
F3	Fiberglass insulation - solid conductor - stainless steel overbraid	**J,K**
F4	Fiberglass insulation - Stranded conductor	**J,K**
F5	Fiberglass insulation - Stranded conductor - flexible armor	**J,K**
F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid	**J**
T1	Teflon insulation - solid conductor	**J,K,T**
T2	Teflon insulation - solid conductor - flexible armor	**J,K,T**
T3	Teflon insulation - Stranded conductor	**J,K**
T4	Teflon insulation - Stranded conductor - flexible armor	**J,K**

CODE	Lead Length "F" Dimension
XXX	XXX = Lead Length in inches

CODE	Termination Options	Thermocouple Types
01	None	**J,K,T**
02	Leads stripped 2"	**J,K,T**
03	Leads stripped 2" with spade lugs	**J,K,T**
04	Leads stripped 2" with 1/2" NPT Bx connector	**J,K,T**
05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector	**J,K,T**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**J,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**
	* Plugs and Jacks 500°F maximum temperature, single element thermocouples only	**J,K**

JP	S	C	3	U-	012	A	000-	J9	T3	036	02

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Plastics Industry Thermocouple

Typical PN: JPSC3U-012A000-J9T3036-02

Pricing		Code	Adder
Step 1	Junction type	U	$0.00

Junction Type		
Code	Single	Dual
G	$0.00	$0.00
U	$0.00	$0.00

		Code	Adder
Step 2	Probe length	012	$11.25

Probe length in inches	
Code	
XXX	12” Base Price + Adder for each additional 6” from table

Examples:

JPSC3 12” probe = $11.25

JPSC3 18” probe = $11.25 + (1 x $2.95) = $14.20

JPSC3 24” probe = $11.25 + (2 x $2.95) = $17.15

		Code	Adder
Step 3	Fractional length	A	$0.00

Fractional Probe length	
Code	
A	$0.00
B	$0.00
C	$0.00
D	$0.00

		Code	Adder
Step 4	Sheath bend	000	$0.00

Sheath Bends		
Code	Single	Dual
000	$0.00	$0.00
2XX	$3.55	$3.55
3XX	$3.55	$3.55

		Code	Adder
Step 5	Junction Fitting	J9	$6.70

Junction Fitting		
Code	Single	Dual
J2	$0.00	$0.00
J9	$6.70	$6.70

		Code	Adder
Step 6	Lead wire	T3	$0.00

Lead-Wire & Connection Head Options		
Code	Single	Dual
NA	$0.00	$0.00
F1	$0.00	$0.00
F2	$0.00	$0.00
F3	$0.00	$0.00
F4	$0.00	$0.00
F5	$0.00	$0.00
F6	$0.00	$0.00
T1	$0.00	$0.00
T2	$0.00	$0.00
T3	$0.00	$0.00
T4	$0.00	$0.00

		Code	Adder
Step 7	Lead Length	036	$4.20

Lead length in inches	
Code	Code for H1-H8 (no adder)
000	Lead wire adder per foot from table, round up to even foot length
XXX	

Examples:

36” of T3 lead wire = 3 x $1.40 = $4.20

		Code	Adder
Step 8	Terminations	02	$2.80

Termination Options		
Code	Single	Dual
01	$0.00	$0.00
02	$2.80	$4.90
03	$3.20	$6.60
04	$5.50	$8.00
05	$5.95	$9.50
06	$11.90	NA
07	$11.90	NA
08	$19.25	NA
09	$19.25	NA
10	$11.25	NA
11	$11.75	NA
12	$17.90	NA
13	$17.90	NA

	Total
JPSC3U-012A000-J9T303602	$24.95

Single Element		
Code	12" Base	6" adder
JPSB2	$11.25	$2.80
JPSB3	$11.25	$2.95
JPSC2	$10.65	$2.80
JPSC3	$11.25	$2.95
JPSE2	$10.65	$2.80
JPSE3	$11.25	$2.95
KPSB2	$11.90	$2.80
KPSB3	$11.90	$2.95
KPSC2	$10.65	$2.80
KPSC3	$11.25	$2.95
KPSE2	$10.65	$2.80
KPSE3	$11.25	$2.95
TPSB2	$11.25	$2.80
TPSB3	$11.25	$2.95
TPSC2	$10.65	$2.80
TPSC3	$11.25	$2.95
TPSE2	$10.65	$2.80
TPSE3	$11.25	$2.95

Dual Element		
Code	12" Base	6" adder
JPDB2	N/A	N/A
JPDB3	N/A	N/A
JPDC2	$15.35	$3.55
JPDC3	$15.35	$3.70
JPDE2	$15.35	$3.55
JPDE3	$15.35	$3.70
KPDB2	N/A	N/A
KPDB3	N/A	N/A
KPDC2	$15.35	$3.55
KPDC3	$15.45	$3.70
KPDE2	$16.20	$3.55
KPDE3	$15.45	$3.70
TPDB2	N/A	N/A
TPDB3	N/A	N/A
TPDC2	$15.35	$3.55
TPDC3	$15.35	$3.70
TPDE2	$15.35	$0.30
TPDE3	$15.35	$3.70

Lead-Wire Adder Per Foot						
	Type J		Type K		Type T	
Code	Single	Dual	Single	Dual	Single	Dual
NA	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
F1	$1.20	$1.90	$1.40	$2.10	$1.20	$1.90
F2	$2.95	$3.70	$3.30	$3.70	$2.70	$3.40
F3	$1.90	$2.70	$2.30	$2.70	NA	NA
F4	$1.30	$2.00	$1.40	$2.80	NA	NA
F5	$3.20	$3.70	$3.70	$4.35	NA	NA
F6	$1.90	$3.05	$2.40	$2.80	NA	NA
T1	$1.30	$2.00	$1.40	$2.30	$1.30	$2.40
T2	$2.95	$3.55	$3.05	$3.90	$2.50	$4.00
T3	$1.40	$2.30	$2.00	$2.50	NA	NA
T4	$3.20	$3.90	$3.70	$4.10	NA	NA

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Adjustable Depth Sensors

ADS **ADJUSTABLE DEPTH SENSOR**

CODE	Adjustment Type
S	Spring (Applicable Lead wire type codes: F3, F4, F6, T3)
C	Conduit (Applicable Lead wire type codes: F2, F5, T2, T4)

CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.
J	Iron/Constantan	32	700
K	Chromel/Alumel	32	1600
T	Copper/Constantan	-328	400

CODE	Lead Wire Type	Thermocouple Types
F2	Fiberglass insulation - solid conductor - flexible armor	**J,K,T**
F3	Fiberglass insulation - solid conductor - stainless steel overbraid	**J,K**
F4	Fiberglass insulation - Stranded conductor	**J,K**
F5	Fiberglass insulation - Stranded conductor - flexible armor	**J,K**
F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid	**J**
T2	Teflon insulation - solid conductor - flexible armor	**J,K,T**
T3	Teflon insulation - Stranded conductor	**J,K**
T4	Teflon insulation - Stranded conductor - flexible armor	**J,K**

CODE	Lead Length "F" Dimension
XXX	XXX = Lead Length in inches

CODE	Termination Options	Thermocouple Types
01	None	**J,K,T**
02	Leads stripped 2"	**J,K,T**
03	Leads stripped 2" with spade lugs	**J,K,T**
04	Leads stripped 2" with 1/2" NPT Bx connector	**J,K,T**
05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector	**J,K,T**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**J,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**

* Plugs and Jacks 500°F maximum temperature

ADS-	S	J	F6	036	02	Typical PN: ADS-SJF6-03602

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Adjustable Depth Sensor

Typical PN: ADS-SJF6-03602

Pricing		Code	Adder
Step 1	Adjustment type	S	$11.90
Step 2	Thermocouple Alloy	J	$0.00
Step 3	Lead wire	F6	$0.00
Step 4	Lead length	36	$5.70
Step 5	Terminations	02	$2.80
		Total	
ADS-SJF6-03602			$20.40

Adjustment Type	
Code	
S	$11.90
C	$11.90

Thermocouple Alloy	
Code	
J	$0.00
K	$0.90
T	$0.90

Lead wire type	
Code	
F4	$0.00
F6	$0.00
T3	$0.00

Lead length in inches	
Code	
XXX	Lead wire adder per foot from table, round up to even foot length

Examples:

36” of Type J, F6 lead wire = 3 x $1.90 = $5.70

Termination Options	
Code	
01	$0.00
02	$2.80
03	$3.20
04	$5.50
05	$5.95
06	$11.90
07	$11.90
08	$19.25
09	$19.25
10	$11.25
11	$11.75
12	$18.00
13	$17.90

Lead-Wire Adder Per Foot			
	Type J	Type K	Type T
Code	Single	Single	Single
F2	$2.95	$3.30	$2.70
F3	$1.90	$2.30	NA
F4	$1.30	$2.00	NA
F5	$3.20	$3.70	NA
F6	$1.90	$2.40	NA
T2	$2.95	$3.10	$2.50
T3	$1.40	$2.00	NA
T4	$3.20	$3.70	NA

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Ring Type Thermocouples

RTT **Ring Type Thermocouple, Nickel plated**

CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.
J	Iron/Constantan	32	700
K	Chromel/Alumel	32	1600
T	Copper/Constantan	-328	400

CODE	Lead Length "F" Dimension, Lead Wire is Fiberglass insulation - Stranded conductor - stainless steel overbraid
XXX	XXX = Lead Length in inches

CODE	Hole Size
C	3/16”
F	3/8”

CODE	Termination Options	Thermocouple Types
01	None	**J,K,T**
02	Leads stripped 2”	**J,K,T**
03	Leads stripped 2” with spade lugs	**J,K,T**
04	Leads stripped 2” with 1/2" NPT Bx connector	**J,K,T**
05	Leads stripped 2” with spade lugs & 1/2" NPT Bx connector	**J,K,T**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**J,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**

* Plugs and Jacks 500°F maximum temperature

RTT-	J	036	C	02	Typical PN: RTT-J036C02

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Ring Type Thermocouple

Typical PN: RTT-J036C02

Pricing		Code	Adder
Step 1	Ring Type	RTT	$8.00
Step 2	Thermocouple Alloy	J	$0.00
Step 3	Lead length	36	$5.70
Step 4	Hole Size	C	$0.00
Step 5	Terminations	2	$2.80
		Total	
RTT-J036C02		$16.50	

Ring Type Thermocouple	
Code	
RTT	$8.00

Thermocouple Alloy	
Code	
J	$0.00
K	$0.00
T	$0.00

Lead length in inches	
Code	
XXX	Lead wire adder per foot from table, round up to even foot length

Examples:

36” of Type J lead wire = 3 x $1.90 = $5.70

Lead-Wire Adder Per Foot			
Code	Type J	Type K	Type T
	$1.90	$2.40	$2.30

Hole Size	
Code	
C	$0.00
F	$0.00

Termination Options	
Code	
01	$0.00
02	$2.80
03	$3.30
04	$5.50
05	$6.10
06	$11.90
07	$11.90
08	$19.25
09	$19.25
10	$11.25
11	$11.80
12	$18.00
13	$18.00

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Nozzle Type Thermocouples

NTT **Nozzle Type Thermocouple**

CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.
J	Iron/Constantan	32	700
K	Chromel/Alumel	32	1600
T	Copper/Constantan	-328	400

CODE	Lead Wire Type, 20 gauge stranded conductor	Thermocouple Types
F4	Fiberglass insulation - Stranded conductor	**J,K**
F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid	**J,K,T**
T3	Teflon insulation - Stranded conductor	**J,K,T**

CODE	Lead Length "F" Dimension
XXX	XXX = Lead Length in inches

CODE	Bolt Type
F	Fixed
R	Rotate Swivel

CODE	Termination Options	Thermocouple Types
01	None	**J,K,T**
02	Leads stripped 2”	**J,K,T**
03	Leads stripped 2” with spade lugs	**J,K,T**
04	Leads stripped 2” with 1/2" NPT Bx connector	**J,K,T**
05	Leads stripped 2” with spade lugs & 1/2" NPT Bx connector	**J,K,T**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**

* Plugs and Jacks 500°F maximum temperature

NTT-	J	F6	036	R	02	Typical PN: NTT-JF6036R02

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Nozzle Type Thermocouple

Typical PN: NNT-JF6036R02

Pricing		Code	Adder
Step 1	Nozzle Type	NTT	$22.40
Step 2	Thermocouple Alloy	J	$0.00
Step 3	Lead wire	F6	$0.00
Step 4	Lead length	36	$5.70
Step 5	Bolt Type	R	$0.00
Step 6	Terminations	02	$2.80
		Total	
NTT-JF6036R02		$30.90	

Nozzle Type	
Code	
NTT-	$22.40

Thermocouple Alloy	
Code	
J	$0.00
K	$0.00
T	$0.00

Lead wire type	
Code	
F4	$0.00
F6	$0.00
T3	$0.00

Lead length in inches	
Code	
XXX	Lead wire adder per foot from table, round up to even foot length

Examples:
36” of Type J, F6 lead wire = 3 x $1.90 = $5.70

Lead-Wire Adder Per Foot			
Code	Type J	Type K	Type T
F4	$1.30	$2.00	NA
F6	$1.90	$2.40	$2.30
T3	$1.40	$2.00	$4.35

Bolt Type	
Code	
F	$0.00
R	$0.00

Termination Options	
Code	
01	$0.00
02	$2.80
03	$3.30
04	$5.50
05	$6.10
06	$11.90
07	$11.90
08	$19.25
09	$19.25
10	$11.25
11	$11.80
12	$18.00
13	$18.00

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Surface Plate Thermocouples

SPT **Surface Plate Thermocouple**

CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.
J	Iron/Constantan	32	700
K	Chromel/Alumel	32	1600
T	Copper/Constantan	-328	400

CODE	Lead Wire Type, 20 gauge stranded conductor	Thermocouple Types
F4	Fiberglass insulation - Stranded conductor	**J,K**
F6	Fiberglass insulation - Stranded conductor - stainless steel overbraid	**J,K,T**
T3	Teflon insulation - Stranded conductor	**J,K,T**

CODE	Lead Length "F" Dimension
XXX	XXX = Lead Length in inches

CODE	Plate Size
A	1"-x-1"
B	3/4"-x-1"

CODE	Termination Options	Thermocouple Types
01	None	**J,K,T**
02	Leads stripped 2"	**J,K,T**
03	Leads stripped 2" with spade lugs	**J,K,T**
04	Leads stripped 2" with 1/2" NPT Bx connector	**J,K,T**
05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector	**J,K,T**
06	Standard thermocouple plug*	**J,K,T**
07	Standard thermocouple jack*	**J,K,T**
08	Standard thermocouple plug with mating connector*	**J,K,T**
09	Standard thermocouple jack with mating connector*	**J,K,T**
10	Miniature thermocouple plug*	**J,K**
11	Miniature thermocouple jack*	**J,K**
12	Miniature thermocouple plug with mating connector*	**J,K**
13	Miniature thermocouple jack with mating connector*	**J,K**

* Plugs and Jacks 500°F maximum temperature

SPT-	J	F6	036	A	02	Typical PN: SPT-JF6036A02

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Surface Plate Thermocouple

Typical PN: SPT-JF6036R02

Pricing		Code	Adder
Step 1	Surface Plate Thermocouple	SPT	$20.15
Step 2	Thermocouple Alloy	J	$0.00
Step 3	Lead wire	F6	$0.00
Step 4	Lead length	036	$5.70
Step 5	Plate Size	A	$0.00
Step 6	Termination Option	2	$2.80
SPT-JF6036R02		Total	$28.65

Surface Plate Thermocouple	
Code	
SPT-	$20.15

Thermocouple Alloy	
Code	
J	$0.00
K	$0.00
T	$0.00

Lead wire type	
Code	
F4	$0.00
F6	$0.00
T3	$0.00

Lead length in inches	
Code	
XXX	Lead wire adder per foot from table, round up to even foot length

Examples:

36” of Type J, F6 lead wire = 3 x $1.90 = $5.70

Lead-Wire Adder Per Foot			
Code	Type J	Type K	Type T
F4	$1.30	$2.00	NA
F6	$1.90	$2.40	$2.30
T3	$1.40	$2.00	$4.35

Plate Size	
Code	
A	$0.00
B	$0.00

Termination Options	
Code	
01	$0.00
02	$2.80
03	$3.30
04	$5.50
05	$6.10
06	$11.90
07	$11.90
08	$19.25
09	$19.25
10	$11.25
11	$11.80
12	$18.00
13	$18.00

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Built-Up Thermowell

Thermowells for 1/4” diameter Probes (4” to 26” length)

BUTW **Built Up Thermowell with 0.50" O.D. and 0.26" I.D.**

CODE	Bushing Threads
A	1/2 NPT Outside 1/2 NPT Inside

CODE	"B" Dimension
XXX	XXX = length in Inches

CODE	Fraction of an inch
A	None
B	1/4”
C	1/2”
E	3/4”

BUTW-	A	012	A	Typical PN: BUTW-A012A

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Built Up Thermowell

Thermowells for 1/4” diameter Probes (4” to 26” length)

Typical PN: BUTW-A012A

Pricing		Code	Adder
Step 1	Built Up Thermowell	BUTW	$0.00
		Code	Adder
Step 2	Bushing Thread	A	$0.00
		Code	Adder
Step 3	Length Dimension	012	$143.60
		Code	Adder
Step 4	Fractional length	A	$0.00

Built Up Thermowell	
Code	
BUTW-	$0.00

Bushing Threads	
Code	
A	$0.00

Length dimension in inches (“B” Dimension)		
Code	4” to 14”	14” to 26”
XXX	$143.60	$186.00

Fractional Probe length		
Code		
A	$0.00	
B	$0.00	
C	$0.00	
D	$0.00	

	Total
BUTW-A012A	$143.60

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Thermocouple Wire

TCW — **Thermocouple Wire**

CODE	Wire Gauge
20	
24	

CODE	Thermocouple Alloy
J	Iron/Constantan
K	Chromel/Alumel

CODE	Insulation
F	Fiberglass insulation
B	Fiberglass insulation - stainless steel overbraid
T	Teflon insulation

CODE	Conductor
S	Solid
T	Stranded

CODE	Length
XXX	XXX = length in feet

TCW-	20	J	F	S-	100	Typical PN: TCW-20JFS-100

Note: Up to 1,000’ rolls

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Thermocouple Wire

Typical PN: TCW-20JFS-100

Pricing		Code	Adder
Step 1	Thermocouple Wire	TCW	$11.25
Step 2	Wire Guage	20	$0.00
Step 3	Thermocouple Alloy	J	$0.00
Step 4	Insulation Type	F	$0.00
Step 5	Conductor Type	S	$0.00
Step 6	Lead Length	100	$120.00

	Total
TCW-20JFS-100	$131.25

Thermocouple Wire	
Code	
TCW-	$11.25

Wire guage	
Code	
20	$0.00
24	$0.00

Thermocouple Alloy	
Code	
J	$0.00
K	$0.00

Insulation Type	
Code	
F	$0.00
B	$0.00
T	$0.00

Conductor Type	
Code	
S	$0.00
T	$0.00

Lead length in feet	
Code	
XXX	Lead wire adder per foot from table, round up to even foot length

Examples:
100 FEET of 20JFS lead wire = 100 x $1.20 = $120.00

Leadwire price per foot ("F" dimension)			
20 Gauge	Price/Ft	24 Guage	Price/Ft
20JFS	$1.20	24JFS	$1.10
20JFT	$1.30	24JFT	$1.20
20JTS	$1.30	24JTS	$1.20
20JTT	$1.40	24JTT	$1.30
20JBS	$1.90	24JBS	$1.70
20JBT	$2.00	24JTS	$1.90
20KFS	$1.70	24KFS	$1.60
20KFT	$1.90	24KFT	$1.70
20KTS	$1.90	24KTS	$1.70
20KTT	$2.00	24KTT	$1.90
20KBS	$2.50	24KBS	$2.40
20KBT	$2.60	24KTS	$2.50

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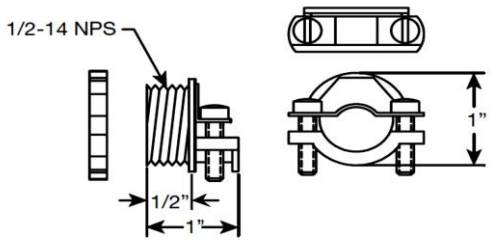
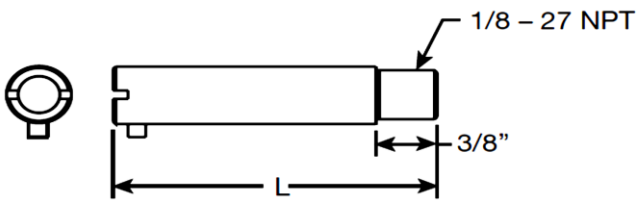
Accessories



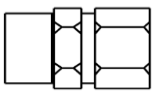
BX Connector 1/2" NPT

Part Number	Material	Price
PC4387-1	Galv. Steel	1.00



Quick Detach Adapters

Part Number	"L" Dimension	Material	Price
TC6136-8	7/8"	Stn Stl	1.65
TC6136-12	1-1/4"	Plated Steel	2.70
TC6136-15	1-1/2"	Plated Steel	2.80
TC6136-20	2"	Plated Steel	3.00
TC6136-25	2-1/2"	Plated Steel	8.50
TC6136-32	3-1/4"	Plated Steel	9.55
TC6136-40	4"	Plated Steel	10.30



Compression Fittings

Supplied With Metal Ferrules Only				
Part Number	**T/C Size**	**Thread Size**	**Material**	**Price**
PC4381-1	3/16"	1/8 NPT	Brass	8.50
PC4381-2	1/8"	1/8 NPT	Brass	8.00
PC4381-6	3/16"	1/4 NPT	Brass	10.05
PC4381-8	1/8"	1/8 NPT	Stn Stl	12.90
PC4381-9	1/8"	1/4 NPT	Stn Stl	12.90
PC4381-10	3/16"	1/8 NPT	Stn Stl	12.90
PC4381-11	3/16"	1/4 NPT	Stn Stl	12.90
PC4381-12	1/4"	1/8 NPT	Stn Stl	12.90
PC4381-13	1/4"	1/4 NPT	Stn Stl	12.90

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Effective May 2, 2014

Chromalox®
PRECISION HEAT AND CONTROL

BOILER AND HEAT TRANSFER SYSTEMS

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Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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BOILER SYSTEMS
Steam Generators & Boilers

SUB-MINIATURE BOILERS
TYPE CMB

Complete with Automatic Feed Assembly
Built to Section 1 of ASME Code M for 100 psig Max. - U.L. Listed

Model Number	Elect. Cap'y kW	*Output Lbs/Hr @212°F	Pressure Range (PSIG)	Phase	Shipping Wt. Lbs.	List Price 120V	208V	240V	480V
CMB- 3	3	9	0-100	1	68	**$ 4195**	**$ 4107**	**$ 4075**	**$ 3835**
CMB- 3	3	9	0-100	3	68	**—**	**4157**	**4125**	**3885**
CMB- 6	6	18	0-100	1	165	**—**	**5042**	**5010**	**—**
CMB- 6	6	18	0-100	3	165	**—**	**5092**	**5060**	**4820**
CMB- 9	9	27	0-100	3	165	**—**	**5542**	**5510**	**5270**
CMB- 12	12	36	0-100	3	165	**—**	**5992**	**5960**	**5720**
CMB- 15	15	45	0-100	3	165	**—**	**6442**	**6410**	**6170**

*With 50°F Feed Water Temperature.

NOTE:
Boiler comes complete, ready to operate, with low water cutoff, safety valve, steam pressure gauge, pressure regulator, pilot light outlet valves, drain valves and automatic water feed.
(Existing water supply must be 10 psi greater than operating pressure.)

SPECIAL PROCESS AND OEM BOILERS
TYPE CAS

Complete with Automatic Feed Assembly
Built to Section 1 of ASME Code M for 100 psig Max. - U.L. Listed, CSA Certified

Model Number	Elect. Cap'y kW	*Output Lbs/Hr @212°F	Pressure Range (PSIG)	Phase	Shipping Wt. Lbs.	List Price 208V	240V	480V
CAS- 20CM	20	60	0-90	1	160	**$ 5068**	**$ 5002**	**—**
CAS- 20CM	20	60	0-90	3	160	**4777**	**4777**	**4777**

*With 50°F Feed Water Temperature.

NOTE:
Boiler comes complete, ready to operate, with electronic probe low water cutoff, safety valve, steam pressure gauge, pressure regulator, pilot light outlet valves, drain valves and automatic water feed.
(Existing water supply must be 10 psi greater than operating pressure.)

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BOILER SYSTEMS

Steam Generators & Boilers

VERTICAL BOILERS - BASE PRICE
TYPE CES

Built to Section 1, ASME Code M, for 100 psig Max. - U.L. Listed, CSA Certified

Model Number	*BHP Rating	Elect. Cap'y kW	*Output Lbs/Hr @212°F	Shipping Wt. Lbs.	List Price (All 3 Phase) 208V	240V	480V
CES-6	0.60	6	18	230	**$ 4829**	**$ 4774**	**$ 4361**
CES-9	0.90	9	27	230	**5037**	**4982**	**4568**
CES-12	1.22	12	36.2	230	**5245**	**5190**	**4776**
CES-18	1.73	17	51.2	240	**5660**	**5605**	**5192**
CES-24	2.45	24	72.3	300	**6281**	**6226**	**5812**
CES-30	2.96	29	87.4	310	**6697**	**6641**	**6228**
CES-36	3.47	34	102.5	310	**7112**	**7057**	**6643**
CES-48	4.69	46	138.7	315	**7943**	**7888**	**7474**
CES-60	5.91	58	174.8	380	**8774**	**8719**	**8305**
CES-72	6.93	68	205	390	**9605**	**9550**	**9136**
CES-100	10.40	102	307	625	**11954**	**11899**	**11485**
CES-135	13.90	136	410	785	**14554**	**14498**	**14085**
CES-160	16.10	157.5	475	785	**16285**	**16229**	**15816**
CES-180	18.40	180	543	790	**17669**	**17614**	**17201**

*50°F Feed Water Temperature.
†CSA design is slightly different than U.L. Specify on order if CSA is required. See price adder.

NOTES:

1. Boiler water feed is required on all CES Series.
2. Boiler comes complete with low water cutoff, safety valve, steam pressure gauge, pressure regulator, water gauge control switch, magnetic contactor, manual reset high pressure switch, insulation and 120V control circuit.

FACTORY INSTALLED OPTIONS CES

Sequencers (Solid State Model includes a Pilot Light for each stage)

Number of Steps	Solid State (Progressive)
6	**$ 2217**
10	**2754**

Auxiliary Low Water Cut-Off *(This option may be required by local codes. Check with customer regarding requirements. Some of the states incorporating this requirement are California, Delaware, Massachusetts, North Carolina, Pennsylvania, Texas and Washington)* . . . . . **$ 514**
Manual Reset Aux. Low Water (Seattle, WA/Portland, OR) **572**
Transformers - for control circuit power.
(for multiple accessories, add 1/2 KVA)
For CES-6 through CES-72 use 1.0 KVA **937**
For CES-100 through CES-180 use 1.5 KVA **1082**
2.0 KVA also available **1162**

Automatic Blowdown Systems
For CES-6 through CES-18 use 81015A 1/2" 150 psig **2735**
For balance CES Series, use 81015 1" 150 psig **2909**

Low Pressure Water Feed - ES99117
For feed water 10 psi greater than operating pressure **489**

Vacuum Breaker - required with condensate return system **126**
Ammeter or Voltmeter **695**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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BOILER SYSTEMS
Steam Generators & Boilers
FACTORY INSTALLED OPTIONS CES (cont'd)

Built to Section 1, ASME Code M, for 100 psig Max - U.L. Listed, CSA Certified †

Self-Contained Optional Accessories for CES Boilers

High Pressure Cold Water Feed Systems:
*For CES-6 through CES-72 use ES38002 . . . . . **$ 1137**
*Balance CES use ES38020 . . . . . **2238**
Condensate Return Systems:
*For CES-6 through CES-72 use ES38083V . . . . . .300222-007 . . . . . **3608**
*For CES-100 through CES-180 use ES38084V . . . . . .300222-008 . . . . . **3668**
Blowdown Separators:
*For CES Boilers use CBS-1 . . . . . .300249-011 . . . . . **4779**
Optional Equipment on Blowdown Separators: (add 1 week)
Pressure Gauge **181**
Temperature Gauge **302**
Others . . . . . **Contact Factory**
*Indicates Stock.
†Specify CSA when required.

Other Available Designs

CSA Approval . . . . . **$ 202**
Single Phase Wiring:
For CES-6 through CES-12 . . . . . **No Charge**
For CES-18 . . . . . **316**
For CES-24 . . . . . **480**
150 PSIG Trim. Price added to standard 100 psig trim.
For CES-6 through CES-36 . . . . . **3706**
For CES-48 through CES-72 . . . . . **3859**
For CES-100 . . . . . **4080**
For CES-135 . . . . . **4668**
For CES-160 . . . . . **4969**
For CES-180 . . . . . **5262**

Spare Parts Kit

Boiler Model	Full Package	Mechanical Only	Electrical Only
CES-6 - CES-18	$ 2395.00	$ 1138.00	$ 1400.00
CES-24 - CES-72	3087.00	1924.00	1609.00
CES-100 - CES-180	5745.00	3991.00	2055.00

Parts included in the Mechanical Parts Kits:
- Flanged Heaters
- Flange Bolts and Gaskets
- Sight Glass Assemblies (including glass, valve sets and o-rings)
- Safety Relief Valves
- Pressure Gauges

Parts included in the Electrical Parts Kits:
- Level Controls
- Pressure Controls
- Fuses
- Contractors
- Pilot Lights
- Switches

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BOILER SYSTEMS
Steam Generators & Boilers
HORIZONTAL BOILERS
TYPE CHS

Built to Section 1 of ASME Code S for 150 psig Max. - U.L. Listed

Model Number	*BHP Rating	Elect. Cap'y kW	*Output Lbs/Hr @212°F	Pressure Range (PSIG)	Shipping Wt. Lbs.	List Price (All 3 Phase) 208V	240V	480V
CHS-150A	15.3	150	452	0-150	1300	**$ 57409**	**$ 56965**	**$ 53639**
CHS-180A	18.4	180	543	0-150	1320	**60407**	**59963**	**56697**
CHS-210A	21.4	210	633	0-150	1380	**63404**	**62961**	**59634**
CHS-240A	24.5	240	723	0-150	1420	**66402**	**65959**	**62632**
CHS-270A	27.6	270	814	0-150	1480	**69400**	**68957**	**65630**
CHS-300A	30.6	300	904	0-150	1530	**72398**	**71955**	**68628**
CHS-360A	36.7	360	1085	0-150	1600	**—**	**—**	**74624**
CHS-420A	42.9	420	1266	0-150	1700	**—**	**—**	**80620**
CHS-495A	50.5	495	1492	0-150	2100	**—**	**—**	**95871**
CHS-540A	55.1	540	1628	0-150	2200	**—**	**—**	**100368**
CHS-630A	64.3	630	1899	0-150	2300	**—**	**—**	**109362**
CHS-720A	73.5	720	2170	0-150	2800	**—**	**—**	**118356**
CHS-810A	82.7	810	2441	0-150	3000	**—**	**—**	**127349**
CHS-945A	96.4	945	2848	0-150	3200	**—**	**—**	**140840**
CHS-1080A	110	1080	3255	0-150	3400	**—**	**—**	**163491**
CHS-1215A	124	1215	3662	0-150	3600	**—**	**—**	**176982**
CHS-1350A	138	1350	4069	0-150	3800	**—**	**—**	**190472**
CHS-1485A	152	1485	4476	0-150	4000	**—**	**—**	**206580**
CHS-1620A	165	1620	4883	0-150	4200	**—**	**—**	**220071**

*At 50° Feed Water Temperature.

NOTES:

1. Boiler water feed is required on all CHS series.
2. All boilers have a McDonnel-Miller #157 low water cutoff and pump control, an auxiliary solid-state low water cutoff and 120V control circuit.

FACTORY INSTALLED OPTIONS CHS

Sequencers (Solid State Model includes a Pilot Light for each stage)

Number of Steps	Solid State (Progressive)
6	**$ 2532**
10	**3147**
16	**5446**
20	**5886**

Transformers - for control circuit power
For CHS-150A through CHS-620A use 1.5 KVA . . . . . **$ 1082**
For CHS-720A through CHS-1620A use 2.0 KVA **1162**

Automatic Blowdown Systems:
For CHS-150A through CHS-420A use 81015B 1" 150 psig **2909**
For CHS-495A through CHS-630A use 81015C 1-1/2" 150 psig **3091**
For CHS-720A through CHS-1620A use 81015D 2" 150 psig **4047**

Low Pressure Water Feed - for CHS-150 through CHS-540 only. Use HS99117.
For feed water 10 psi greater than operating pressure **547**
Use condensate return system for larger units

Vacuum Breaker - required with condensate return systems **247**
Ammeter or Voltmeter **695**

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BOILER SYSTEMS
Steam Generators & Boilers
FACTORY INSTALLED OPTIONS CHS (cont'd)

Built to Section 1 of ASME Code S for 150 psig Max. - U.L. Listed

Self-Contained Optional Equipment for CHS Boilers
High Pressure Cold Water Feed Systems

Boiler Model	System Model	List Price
For CHS-150A	HS38020	**$ 2075**
For CHS-180A to CHS-300A	HS38021	**2238**

For larger units, use a condensate return system

Condensate Return System: **- For up to 135 psig operation**
- All motors 230/460V 3 phase

Boiler Model	System Model	Tank Size	Motor Data	List Price
For CHS 150A to -300A	HS38019	33 gal	3/4 hp	**$ 4070**
For CHS-360A to -420A	HS38028	40 gal	2 hp	**6280**
For CHS-495A to -540A	HS38031	53 gal	3 hp	**7844**
For CHS-630A to -720A	HS38034	85 gal	3 hp	**8462**
For CHS-810A to -945A	HS38035	85 gal	5 hp	**9028**
For CHS-1080A to -1350A	HS38039	95 gal	7 1/2 hp	**18179**
For CHS-1485A to -1620A	HS38057	220 gal	10 hp	**25701**

Systems for lower operating pressures are available. Contact factory.

Blowdown Separators:

For CHS-150A to -240A	use CBS-1	230 lbs	**$ 4779**
For CHS-270A to -540A	use CBS-2	260 lbs	**7429**
For CHS-630A to -945A	use CBS-3	290 lbs	**9777**
For CHS-1080A to -1620A	use CBS-4	320 lbs	**Contact Factory**

Optional Equipment on Blowdown Separators: (add 1 week)

Pressure Gauge . . . . . **$ 181**
Temperature Gauge **302**

Low Pressure Trim 15, 30, 50 and 100 psig trims are available at no additional charge.

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BOILER SYSTEMS

Steam Generators & Boilers

STAINLESS STEEL STEAM BOILERS
TYPE CSSB

Built to Section 1 of ASME Code M for 100 psig Max.

Model Number	*BHP Rating	Elect. Cap'y kW	Output Lbs/Hr @212°F*	Shipping Wt. Lbs.	List Price (All 3 Phase) 208V	240V	480V
CSSB-6A	0.60	6	18	230	**$ 19165**	**$ 19110**	**$ 18697**
CSSB-9A	0.90	9	27	230	**19375**	**19320**	**18907**
CSSB-12A	1.22	12	36.2	230	**19586**	**19530**	**19117**
CSSB-18A	1.73	17	51.2	240	**20006**	**19951**	**19537**
CSSB-24A	2.45	24	72.3	300	**21092**	**21037**	**20624**
CSSB-30A	2.96	29	87.4	310	**21512**	**21457**	**21044**
CSSB-36A	3.47	34	102.5	310	**21933**	**21878**	**21464**
CSSB-48A	4.69	46	138.7	315	**22773**	**22718**	**22305**
CSSB-60A	5.91	58	174.8	380	**23614**	**23559**	**23146**
CSSB-72A	6.43	68	205	390	**24454**	**24399**	**23986**
CSSB-100A	10.40	102	307	625	**27748**	**27693**	**27280**
CSSB-135A	13.90	136	410	785	**30770**	**30715**	**30302**
CSSB-160A	16.10	157.5	475	785	**32522**	**32467**	**32053**
CSSB-180A	18.40	180	543	790	**33923**	**33867**	**33454**

*At 50°F Feed Water Temperature.
NOTE: Boiler water feed is required on all CSSB Series.

Selection Charts for Optional Equipment on CSSB Boilers

FACTORY INSTALLED OPTIONS CSSB

Sequencers (Solid State Model includes a Pilot Light for each stage)

Number of Steps	Solid State (Progressive)
6	**$ 2035**
10	**2754**

Auxiliary Low Water Cut-Off:
Float type . . . . . **$ 3759**
Mercoid **4957**
Transformers - for control circuit power
(Multiple accessories use 1/2 KVA greater than below)
For CSSB-6A through CSSB-72A use 1.0 KVA **937**
For CSSB-100A through CSSB-180A use 1.5 KVA **1082**
2.0 KVA also available **1164**
Automatic Blowdown Systems - 100 psig
For CSSB-6A through CSSB-18A use 81015SS-1-1/2" **5327**
For Balance CSSB line use 81015SS-2 . . . . . **5569**
Low Pressure Water Feed - ES99117SS
For feed water 10 psig greater than operating pressure **1487**
Vacuum Breaker - required with condensate return system **332**
Ammeter or Voltmeter **695**
Others . . . . . **Contact Factory**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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BOILER SYSTEMS
Steam Generators & Boilers
FACTORY INSTALLED OPTIONS CSSB (cont'd)

Built to Section 1 of ASME Code M for 100 psig Max.

Self-Contained Optional Accessories for CSSB Boilers

High Pressure Cold Water Feed Systems:

For CSSB-6A through CSSB-72A use ES38002SS	**$ 4806**
Balance CSSB use ES38020SS	**6640**
Condensate Return Systems	**Contact Factory**

Blowdown Separators - (Feed with City Water)

*For CSSB Boilers use CBS-1 (CARBON STEEL)	**4779**
Optional Equipment on Blowdown Separators: (add 1 week)	
Pressure Gauge	**544**
Temperature Gauge	**302**

Others:

*Indicates Stock.

Other Available Designs:

Single Phase Wiring

For CSSB-6A through CSSB-12A	**No Charge**
For CSSB-18A	**$ 310**
For CSSB-24A	**472**

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BOILER SYSTEMS

Steam Generators & Boilers

HIGH PRESSURE BOILERS
TYPE CHPES

0-250 psi Pressure Capacity
Section 1 of ASME Code S for 250 psig Max. - U.L. Listed

Model Number	*BHP Rating	Elect. Cap'y kW	Output Lbs/Hr @212°F*	Shipping Wt. Lbs.	List Price (All 3 Phase) 208V	240V	480V
CHPES-6A	0.60	6	18	400	**$ 10271**	**$ 10216**	**$ 9803**
CHPES-9A	0.90	9	27	410	**10580**	**10525**	**10112**
CHPES-12A	1.22	12	36.2	430	**10889**	**10834**	**10421**
CHPES-18A	1.73	17	51.2	430	**11404**	**11349**	**10936**
CHPES-24A	2.45	24	72.3	520	**12558**	**12503**	**12089**
CHPES-30A	2.96	29	87.4	520	**13073**	**13018**	**12604**
CHPES-36A	3.47	34	102.5	520	**13588**	**13533**	**13119**
CHPES-48A	4.69	46	138.7	630	**14824**	**14769**	**14355**
CHPES-60A	5.91	58	174.8	640	**16060**	**16005**	**15591**
CHPES-72A	6.93	68	205	640	**17090**	**17035**	**16621**
CHPES-100A	10.40	102	307	1250	**21828**	**21773**	**21359**
CHPES-135A	13.90	136	410	1400	**25330**	**25275**	**24861**
CHPES-160A	16.10	157.5	475	1450	**27544**	**27489**	**27076**
CHPES-180A	18.40	180	543	1500	**29862**	**29807**	**29393**

*With 50°F Feed Water Temperature.

NOTES:
1. Boiler water feed is required on all CHPES Series.
2. All Boilers include McDonnell-Miller low water cutoff, pump control, manual reset high pressure switch and 120V control circuit.

Selection Charts for Optional Equipment on CHPES Boilers

FACTORY INSTALLED OPTIONS CHPES

Sequencers (Solid State Model includes a Pilot Light for each stage)

Number of Steps	Solid State (Progressive)
6	**$ 2217**
10	**2754**

Auxiliary Low Water Cut-Off . . . . . **$ 489**
Transformers - for control circuit power
For all CHPES Series use 1.0 KVA **937**
Automatic Blowdown Systems - for up to 250 psig
For CHPES-6A through CHPES-18A use 81025-1/2" **3329**
For balance of CHPES Series, use 81025-1 . . . . . **3490**
High Pressure Vacuum Breaker - required with condensate return system **247**
Ammeter or Voltmeter **695**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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BOILER SYSTEMS
Steam Generators & Boilers
FACTORY INSTALLED OPTIONS CHPES (cont'd)

0-250 psi Pressure Capacity
Built to Section 1 of ASME Code S for 250 psig Max. - U.L. Listed

Self-Contained Optional Accessories for CHPES Boilers

High Pressure Cold Water Feed - for all CHPES ES38020HP . . . . . **$ 2516**
Condensate Return System - 250 psig max, 230/450V 3 hp Motor
For all CHPES use HPCS-3003 30 gal 3 hp motor . . . . . .300222-026 . . . . . **4221**
***Blowdown Separators:**
For all CHPES use CBS-1 . . . . . **4779**
Optional Equipment on Blowdown Separators (add 1 week)
Pressure Gauge **181**
Temperature Gauge **302**
Others . . . . . **Contact Factory**
*Indicates stock.

Other Available Designs:

Single Phase Wiring:
For CHPES-6A through CHPES-12A . . . . . **No Charge**
For CHPES-18A . . . . . **$ 316**
For CHPES-24A **401**

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HEAT TRANSFER SYSTEMS

COMPACT HEAT TRANSFER SYSTEM FOR WATER & WATER/GLYCOL
TYPE CMX

Model Number	Volts	kW	Cooling	PCN	List Price
CMX-250-4	240	4.5	Open	214017	**$ 4443**
CMX-250-4	480	4.5	Open	214025	**4414**
CMX-250-9	240	9	Open	214033	**4519**
CMX-250-9	480	9	Open	214041	**4443**
CMX-250-12	240	12	Open	214050	**4862**
CMX-250-12	480	12	Open	214068	**4673**
CMX-250-18	240	18	Open	214076	**4886**
CMX-250-18	480	18	Open	214084	**4811**
CMX-250-24	240	24	Open	214092	**5331**
CMX-250-24	480	24	Open	214105	**5142**
CMX-250-4C	240	4.5	Closed	214113	**5544**
CMX-250-4C	480	4.5	Closed	214121	**5516**
CMX-250-9C	240	9	Closed	214130	**5620**
CMX-250-9C	480	9	Closed	214148	**5544**
CMX-250-12C	240	12	Closed	214156	**5963**
CMX-250-12C	480	12	Closed	214164	**5774**
CMX-250-18C	240	18	Closed	214172	**5987**
CMX-250-18C	480	18	Closed	214180	**5912**
CMX-250-24C	240	24	Closed	214199	**6432**
CMX-250-24C	480	24	Closed	214201	**6243**
CMX-250-36H	480	36	**141-123622-538**	—	**7822**
CMX-250-48H	480	48	**141-123622-525**	—	**8747**

Options:

1.	Alternate voltage 60 Hz 208, 575 VAC 3 Ph. (V) [60 Amp Max]	**$ 1155**
2.	Single Phase 240 or 480V operation (S.P.) [60 Amp Max]	**1502**
3.	SCR Power Control (SCR)	**1544**
4.	Alternate Voltage 50 Hz 240, 380, 415 VAC 3 Ph. (E)	**1502**
5.	Surge Reduction Valve (SV)	**369**
6.	Digital Communications (D)	**469**
7.	Dry Contact Contactor (NM)	**43**
8.	1-1/2 Hp Pump Motor (P1.5)	**440**
9.	3, 5 or 7.5 Hp Motor (P3, P5 or P7.5)	**1559**
10.	275°F High Temp. Operation (HT)	**1366**
11.	Door Interlock (IN)	**152**
12.	1/2” Cooling Solenoid Valve (see Note 5) (S1)	**758**
13.	3/4” Cooling Solenoid Valve (see Note 5) (S2)	**822**
14.	1” Cooling Solenoid Valve (see Note 5) (S3)	**1054**
15.	6.3 Sq. Ft. Heat Exchanger (C6)	**858**
16.	Analog Output (A)	**137**
17.	Remote Start/Stop (RSS)	**245**
18.	5 Gallon Expansion Tank (ships separately) .PCN 356015	**322**

NOTES:

1. The letter designation in ( ) above is the suffix to be added to model number.
2. Do **not** reference PCN on units with options. Add verbal description to the order for confirmation. (i.e. CMX-250-9SCRSV 240 VAC 3Ph 9 kW with SCR power control and surge reduction valve.)
3. Delivery on specials is typically 4 weeks.
4. For shorter delivery or multiple options contact the factory for delivery.
5. Open Loop Systems Only. Contact Factory for Performance limitations.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

MWS - Mid-Sized Water and Water/Glycol System

Model

MWS Mid Sized Water & Water/Glycol System

Code	Unit Temperature Rating
300	300 deg. F

Code	Kilowatts	50 - 150 kW	175 - 250 kW	300 - 400kW	150 - 600kW
50	50 kW	$ 17,160			
75	75 kW	18,035			
100	100 kW	18,940			
125	125 kW	19,785			
150	150 kW	20,660			
175	175 kW		$ 24,792		
200	200 kW		26,330		
250	250 kW		29,405		
300	300 kW			$ 36,462	
350	350 kW			41,077	
400	400 kW			45,692	
450	450 kW				$ 58,485
500	500 kW				64,623
550	550 kW				70,760
600	600 kW				76,898

Code	Endlosure Types	50 & 150 kW	175 - 250 kW	300 - 400kW	150 - 600kW
E1	General Purpose	—	—	—	—
E4	Moisture Resistant	$ 1,325	$ 1,505	$ 1,720	$ 1,950
E4X	Moisture / Corrosion Resistant (Stainless Steel)	1,985	2,260	2,545	2,925
E4NP	Class 1, Div 2 rating - Nitrogen Purge (by customer)	3,825	4,105	5,645	6,410

Code	Options	50 & 150 kW	175 - 250 kW	300 - 400kW	150 - 600kW
(Blank)	No Options				
ST	SCR Trim	$ 1,175	$ 1,780	$ 2,605	$ 3,250
PD	Panel Disconnect	375	525	710	945
SR	Strainer	640	895	1,135	1,440
GV	I/O Gate Valves	975	1,310	1,775	2,305
FC	Dedicated Fill Connection	325	395	480	610
DB	Drain / Bleed Valves	435	435	515	515
HW	Heater On/Off Switch	195	245	325	400
SG	Suction Gauge	385	385	385	385
DT	Digital Overtemp Control	365	365	365	365
SV	Safety Relief Valve - 125psi	950	950	1350	1,350
PC	Powder Coated Skins	2,895	3,555	4,350	5,250
SS	Stainless Steel Skins	4,345	5,330	6,525	7,950
AE	ASME Designed & Certified	1,850	2,100	2,580	3,250

Code	Voltage	50 & 150 kW	175 - 250 kW	300 - 400kW	150 - 600kW
240	240V (only available for 50 & 75 kW)	$ 265	n/a	n/a	n/a
480	480V	—	—	—	—
600	600V	$ 450	$ 525	$ 605	$ 725

Code	Phase
3P	Three Phase

Code	Kilowatts
100	kW

MWS-	300-	100P	E4	GV	480V	3P	100	kW

Example of Final Model Description: MWS-300-100P-E4GV 480V 1-3P 100kW

NOTE: Start-up & Supervision Service Available. Please contact your local Chromalox Sales Office for Price & Availability.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

AUTOMATIC ELECTRIC HEAT TRANSFER SYSTEMS FOR WATER AND ETHYLENE GLYCOL SOLUTIONS TYPE CWG

Maximum Operating Temperature: 250°F at Atmospheric Pressure

Standard—NEMA 1 Construction

Model Number	240V*	480V**	550V
CWG-250A-6	$ 32483	$ 32514	$ 32915
CWG-250A-9	32660	32660	40765
CWG-250A-12	32677	32677	33321
CWG-250A-15	33039	33039	33518
CWG-250A-18	33277	33277	33732
CWG-250A-24	33497	33496	33972
CWG-250A-30	40194	39170	39074
CWG-250A-40	43226	41206	41666
CWG-250A-60	58418	53980	52683
CWG-250A-80	63907	59683	62263
CWG-250A-100	84287	74971	67420
CWG-250A-125	96762	86680	79949
CWG-250A-150	115194	103591	96224
CWG-250A-200	123060	110804	103591
CWG-250A-250	—	124570	118908
CWG-250A-300	—	136208	130481
CWG-250A-350	—	147854	142045
CWG-250A-400	—	159543	153612

Oil and Dust-Tight—NEMA XII Construction

Model Number	240V*	480V**	550V
CWGO-250A-6	$ 35259	$ 35259	$ 35735
CWGO-250A-9	35441	35441	35938
CWGO-250A-12	35676	35676	36168
CWGO-250A-15	35787	35787	36364
CWGO-250A-18	36081	36081	36556
CWGO-250A-24	36464	36351	36844
CWGO-250A-30	43345	42292	42192
CWGO-250A-40	46541	44985	45006
CWGO-250A-60	60399	57977	56617
CWGO-250A-80	62860	63952	63200
CWGO-250A-100	68350	68122	72271
CWGO-250A-125	89909	92507	85374
CWGO-250A-150	97974	110254	102449
CWGO-250A-200	122368	117720	110160
CWGO-250A-250	—	132511	126602
CWGO-250A-300	—	144719	138716
CWGO-250A-350	—	156949	150826
CWGO-250A-400	—	169189	162939

*208V or 200V—Add $510.00 to the 240V price.
**440V—Add $510.00 to the 480V price.

Weather-Resistant—NEMA IV Construction

Model Number	240V*	480V**	550V
CWGW-250A-6	$ 39316	$ 39316	$ 39855
CWGW-250A-9	39526	39526	40030
CWGW-250A-12	39709	39709	40268
CWGW-250A-15	41405	40185	40685
CWGW-250A-18	40147	40310	40786
CWGW-250A-24	40559	40476	40582
CWGW-250A-30	49140	47965	47868
CWWG-250A-40	52377	50805	50702
CWGW-250A-60	70423	65556	64122
CWGW-250A-80	70124	82188	70765
CWGW-250A-100	99849	89635	81381
CWGW-250A-125	113502	102535	105651
CWGW-250A-150	133767	120991	124636
CWGW-250A-200	142340	127017	120991
CWGW-250A-250	—	145641	141894
CWGW-250A-300	—	158395	152126
CWGW-250A-350	—	171152	164781
CWGW-250A-400	—	183975	177451

Explosion-Resistant—Class 1, Group D

Model Number	240V*	480V**	550V
CWGX-250A-6	$ 76870	$ 76870	$ 77323
CWGX-250A-9	77078	77078	77523
CWGX-250A-12	77273	77273	77721
CWGX-250A-15	77479	77479	77479
CWGX-250A-18	77677	77677	78111
CWGX-250A-24	78036	77929	80640
CWGX-250A-30	88876	87887	87805
CWGX-250A-40	91874	90427	90338
CWGX-250A-60	106012	106072	104773
CWGX-250A-80	115512	111622	110753
CWGX-250A-100	142185	106433	125659
CWGX-250A-125	154426	144607	137945
CWGX-250A-150	172568	161146	155406
CWGX-250A-200	193407	168220	131146
CWGX-250A-250	—	189749	184217
CWGX-250A-300	—	201229	195573
CWGX-250A-350	—	212639	206943
CWGX-250A-400	—	223331	218240

*208V or 200V—Add $631.00 to the 240V price.
**440V—Add $631.00 to the 480V price.

NOTE: System Prices do not include the expansion tank assembly; this has to be added as a separate item.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

CMXO - MICROTHERM COMPACT OIL TEMPERATURE CONTROL

Model **Compact Oil Temperature Control Unit**

CMXO-550

Code	Power/KW Rating	Base Price
6		**$ 8580**
9		**8745**
12		**8910**
18		**9240**
24		**9,570**

Code	Heat/Coll Options	Adder
H	Heating Only	**-**
C	Heat / Cool	**585**

Code	Voltage	Adder
240	240V 3PH	**110**
480	480V 3PH	**-**

Code	Contact or SCR	Adder
0	Definite purpose contactor	**-**
1	Mercury Contactor	**165**
2	SCR	**750**

Code	Controller	Adder
0	1/4 DIN 2104	**-**
2	1/4 DIN 2104 with digital communications	**195**

Code	Enclosure Disconnect	Adder
0	None	-
1	Enclosure Disconnect	**295**

Code	Piping Connections	Adder
0	NPT	**-**
1	Flange	**285**

CMXO-550- Typical Model Number

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

MOS - Mid-Sized Hot Oil System

Model **Mid Sized Hot Oil System**

MOS

Code	Unit Temperature Rating	50 - 150 kW	175 - 250 kW	300 - 400kW	150 - 600kW
600		N/C	N/C	N/C	N/C
650		$ 2,150	$ 2,960	$ 3,590	$ 4,490

Code	Kilowatts				
50	50 kW	$ 18,990			
75	75 kW	19,865			
100	100 kW		$ 23,838		
125	125 kW		25,378		
175	175 kW		26,913		
150	150 kW			$ 33,372	
200	200 kW			35,680	
250	250 kW			40,295	
300	300 kW			44,910	
350	350 kW				$ 57,484
400	400 kW				63,622
450	450 kW				69,759
500	500 kW				75,897

Code	Endlosure Types				
E1	General Purpose	—	—	—	—
E4	Moisture Resistant	$ 1,325	$ 1,505		
E4X	Moisture / Corrosion Resistant (Stainless Steel)	1,985	2,260		
E4NP	Class 1, Div 2 rating - Nitrogen Purge (by customer)	3,825	4,106		

Code	Options				
(Blank)	No Options	—	—	—	—
ST	SCR Trim	$ 1,175	$ 1,780	$ 2,605	$ 3,250
PD	Panel Disconnect	375	525	710	945
SR	Strainer	415	580	780	1,040
GV	I/O Gate Valves	960	1,345	1,705	2,160
FC	Dedicated Fill Connection	325	395	480	610
DB	Drain / Bleed Valves	1,025	1,025	1,025	1,025
HW	Heater On/Off Switch	195	220	220	220
SG	Suction Pressure Gauge	385	385	385	385
DT	Digital Overtemp Control	365	365	365	365
PC	Powder Coated Skins	2,895	3,555	4,350	5,250
SS	Stainless Skins	4,345	5,330	6,525	7,950
AE	ASME Designed & Certified	1,850	2,100	2,580	3,250

Code	Voltage				
240	240V (only available for 50 & 75 kW)	$ 265	n/a	n/a	n/a
480	480V	—	—	—	—
600	600V	450	$ 525	$ 605	$ 725

Code	Phase
3P	Three Phase

Code	Kilowatts
100	kW

MOS-	600-	100P	E4	GV	480V	3P	100	kW	Typical Model Number

Example of Final Model Description: MOS-600-100P-E4GV 480V 1-3P 100kW

NOTE: Start-up & Supervision Service Available. Please contact your local Chromalox Sales Office for Price & Availability.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

AUTOMATIC ELECTRIC FLUID HEAT TRANSFER SYSTEMS
TYPE COS

Maximum Operating Temperature: 650°F at Atmospheric Pressure

Standard—NEMA 1 Construction

Model Number	240V*	480V**	550V
COS-650B-9	**$ 34459**	**$ 34741**	**$ 35485**
COS-650B-12	**37941**	**37172**	**37940**
COS-650B-15	**38452**	**37300**	**37780**
COS-650B-20	**38251**	**37473**	**37941**
COS-650B-30	**46028**	**44774**	**44724**
COS-650B-40	**48458**	**46882**	**46839**
COS-650B-60	**62032**	**57329**	**56608**
COS-650B-80	**69753**	**64339**	**63638**
COS-650B-100	**78943**	**72574**	**63950**
COS-650B-125	**91651**	**82123**	**76217**
COS-650B-150	**103948**	**94235**	**88886**
COS-650B-200	**117292**	**107984**	**103367**
COS-650B-250	**—**	**118962**	**114706**
COS-650B-300	**—**	**130064**	**125866**
COS-650B-350	**—**	**140965**	**194149**
COS-650B-400	**—**	**171707**	**147316**

Weather-Resistant—NEMA IV/XII Construction

Model Number	240V*	480V**	550V
COSW-650B-9	**$ 37858**	**$ 37102**	**$ 37846**
COSW-650B-12	**40318**	**39513**	**40012**
COSW-650B-15	**40449**	**39671**	**40148**
COSW-650B-20	**40627**	**39816**	**40318**
COSW-650B-30	**49212**	**47964**	**47922**
COSW-650B-40	**51620**	**49910**	**49869**
COSW-650B-60	**66045**	**61342**	**60616**
COSW-650B-80	**73769**	**68351**	**67655**
COSW-650B-100	**83669**	**77293**	**71733**
COSW-650B-125	**96366**	**86860**	**80952**
COSW-650B-150	**108670**	**98370**	**86705**
COSW-650B-200	**122005**	**112717**	**108099**
COSW-650B-250	**—**	**125428**	**121185**
COSW-650B-300	**—**	**136539**	**132320**
COSW-650B-350	**—**	**147435**	**173946**
COSW-650B-400	**—**	**154553**	**153779**

Explosion-Resistant—Class 1, Group D

Model Number	240V*	480V**	550V
COSX-650B-9	**$ 66038**	**$ 66243**	**$ 66976**
COSX-650B-12	**69565**	**66661**	**69141**
COSX-650B-15	**69599**	**68661**	**69113**
COSX-650B-20	**69774**	**75426**	**69457**
COSX-650B-30	**80614**	**79381**	**81636**
COSX-650B-40	**83075**	**81489**	**81447**
COSX-650B-60	**99155**	**94452**	**93729**
COSX-650B-80	**106854**	**101403**	**100762**
COSX-650B-100	**120581**	**114206**	**108645**
COSX-650B-125	**133282**	**123741**	**148768**
COSX-650B-150	**145574**	**133513**	**140526**
COSX-650B-200	**158918**	**135864**	**145009**
COSX-650B-250	**—**	**167353**	**163111**
COSX-650B-300	**—**	**173259**	**174259**
COSX-650B-350	**—**	**189351**	**177872**
COSX-650B-400	**—**	**201022**	**195694**

*208V and 200V—Add $279.00 to the 240V price.
**440V—Add $279.00 to the 480V price.

NOTE: System Prices do not include the expansion tank assembly; this has to be added as a separate item.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

AUTOMATIC ELECTRIC FLUID HEAT TRANSFER SYSTEMS
TYPE PFC

Maximum Operating Temperature: 600°F at Atmospheric Pressure

Standard—NEMA 1 Construction

Model Number	240V*	480V**	550V
PFC-600B-9	**$ 38442**	**$ 38615**	**$ 39013**
PFC-600B-12	**42191**	**41382**	**41902**
PFC-600B-15	**42315**	**41509**	**41932**
PFC-600B-20	**42465**	**41990**	**42069**
PFC-600B-30	**48277**	**47176**	**41739**
PFC-600B-40	**50618**	**49120**	**49971**
PFC-600B-60	**69952**	**60549**	**59656**
PFC-600B-80	**71539**	**65599**	**66430**
PFC-600B-100	**76788**	**70988**	**67564**
PFC-600B-125	**89200**	**80842**	**76415**
PFC-600B-150	**99515**	**86571**	**86802**
PFC-600B-200	**111259**	**103436**	**99193**
PFC-600B-250	**—**	**107352**	**103689**
PFC-600B-300	**—**	**116455**	**113310**
PFC-600B-350	**—**	**126339**	**122549**
PFC-600B-400	**—**	**132450**	**131837**

Weather-Resistant—NEMA IV/XII Construction

Model Number	240V*	480V**	550V
PFCW-600B-9	**$ 44281**	**$ 44648**	**$ 45089**
PFCW-600B-12	**48551**	**47686**	**48131**
PFCW-600B-15	**48717**	**47862**	**48304**
PFCW-600B-20	**48823**	**48024**	**48466**
PFCW-600B-30	**56060**	**54842**	**54798**
PFCW-600B-40	**58638**	**57005**	**56938**
PFCW-600B-60	**77262**	**70323**	**69370**
PFCW-600B-80	**89199**	**78005**	**76778**
PFCW-600B-100	**88843**	**82520**	**78716**
PFCW-600B-125	**102425**	**93258**	**71514**
PFCW-600B-150	**113725**	**104960**	**99811**
PFCW-600B-200	**126579**	**118014**	**113351**
PFCW-600B-250	**—**	**129521**	**125277**
PFCW-600B-300	**—**	**140090**	**136437**
PFCW-600B-350	**—**	**151566**	**147171**
PFCW-600B-400	**—**	**163244**	**157932**

Explosion-Resistant—Class 1, Group D

Model Number	240V*	480V**	550V
PFCX-600B-9	**$ 65995**	**$ 66147**	**$ 66564**
PFCX-600B-12	**67562**	**68887**	**69277**
PFCX-600B-15	**69787**	**68987**	**69393**
PFCX-600B-20	**69922**	**69150**	**69557**
PFCX-600B-30	**78419**	**77814**	**77280**
PFCX-600B-40	**80698**	**79254**	**79196**
PFCX-600B-60	**98919**	**94083**	**91842**
PFCX-600B-80	**105994**	**96694**	**98471**
PFCX-600B-100	**112703**	**105911**	**103619**
PFCX-600B-125	**124868**	**137260**	**112319**
PFCX-600B-150	**134988**	**137140**	**122517**
PFCX-600B-200	**146501**	**138823**	**134663**
PFCX-600B-250	**—**	**153608**	**149803**
PFCX-600B-300	**—**	**163074**	**159809**
PFCX-600B-350	**—**	**173361**	**169423**
PFCX-600B-400	**—**	**183840**	**179063**

*208V and 200V—Add $393.00 to the 240V price.
**440V—Add $393.00 to the 480V price.

NOTE: System Prices do not include the expansion tank assembly; this has to be added as a separate item.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

AUTOMATIC ELECTRIC FLUID HEAT TRANSFER SYSTEMS
TYPE CLD

Maximum Operating Temperature: 750°F at 150 psig Operating Pressure

Standard—NEMA 1 Construction

Model Number	240V*	480V**	550V
CLD-750A-9	**$ 52690**	**$ 55445**	**$ 70476**
CLD-750A-12	**69251**	**58161**	**58005**
CLD-750A-15	**59083**	**58290**	**58692**
CLD-750A-20	**59226**	**57135**	**58848**
CLD-750A-30	**64898**	**61962**	**63735**
CLD-750A-40	**67160**	**63821**	**65670**
CLD-750A-60	**83696**	**81914**	**76667**
CLD-750A-80	**90709**	**84372**	**83263**
CLD-750A-100	**93366**	**85209**	**84371**
CLD-750A-125	**100448**	**97301**	**92989**
CLD-750A-150	**115503**	**105669**	**103106**
CLD-750A-200	**126938**	**117970**	**115188**
CLD-750A-250	**—**	**134500**	**119940**
CLD-750A-300	**—**	**139000**	**135235**
CLD-750A-350	**—**	**148702**	**144791**
CLD-750A-400	**—**	**159110**	**154361**

Weather-Resistant—NEMA IV/XII Construction

Model Number	240V*	480V**	550V
CLDW-750A-9	**$ 62882**	**$ 63053**	**$ 63491**
CLDW-750A-12	**66852**	**66014**	**66454**
CLDW-750A-15	**67002**	**66148**	**66588**
CLDW-750A-20	**67173**	**66305**	**66758**
CLDW-750A-30	**74163**	**72985**	**72941**
CLDW-750A-40	**76656**	**75075**	**75016**
CLDW-750A-60	**95587**	**88824**	**87898**
CLDW-750A-80	**103272**	**96319**	**95128**
CLDW-750A-100	**106929**	**100689**	**96933**
CLDW-750A-125	**120108**	**111197**	**106452**
CLDW-750A-150	**131116**	**122570**	**117567**
CLDW-750A-200	**143640**	**135292**	**131031**
CLDW-750A-250	**—**	**147705**	**143562**
CLDW-750A-300	**—**	**158554**	**154432**
CLDW-750A-350	**—**	**169183**	**164905**
CLDW-750A-400	**—**	**180564**	**175387**

Explosion-Resistant—Class 1, Group D

Model Number	240V*	480V**	550V
CLDX-750A-9	**$ 81795**	**$ 81948**	**$ 74840**
CLDX-750A-12	**85308**	**84644**	**84998**
CLDX-750A-15	**85487**	**84734**	**85107**
CLDX-750A-20	**85646**	**84871**	**85259**
CLDX-750A-30	**93905**	**92851**	**92785**
CLDX-750A-40	**96128**	**94706**	**94665**
CLDX-750A-60	**114560**	**103607**	**107666**
CLDX-750A-80	**121446**	**115208**	**114139**
CLDX-750A-100	**127984**	**118950**	**119154**
CLDX-750A-125	**139849**	**131852**	**127490**
CLDX-750A-150	**149711**	**142046**	**137551**
CLDX-750A-200	**160909**	**153441**	**148530**
CLDX-750A-250	**—**	**168941**	**170030**
CLDX-750A-300	**—**	**178647**	**174952**
CLDX-750A-350	**—**	**188153**	**184294**
CLDX-750A-400	**—**	**198370**	**193614**

*208V and 200V—Add $359.00 to the 240V price.
**440V—Add $359.00 to the 480V price.

NOTE: System Prices do not include the expansion tank assembly; this has to be added as a separate item.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER SYSTEMS

AUTOMATIC ELECTRIC FLUID HEAT TRANSFER SYSTEMS TYPE CLS

Maximum Operating Temperature: 750°F at 200 psig Operating Pressure

Standard—NEMA 1 Construction

Model Number	240V*	480V**	550V
CLS-750A-9	$ 55841	$ 55977	$ 56382
CLS-750A-12	59462	55769	58541
CLS-750A-15	59597	58693	59229
CLS-750A-20	59742	58980	59356
CLS-750A-30	65404	64331	61972
CLS-750A-40	65726	66218	66545
CLS-750A-60	67698	78049	77191
CLS-750A-80	91245	84896	83785
CLS-750A-100	93899	88264	87037
CLS-750A-125	105978	97834	93512
CLS-750A-150	116029	109071	103623
CLS-750A-200	127455	119852	115711
CLS-750A-250	—	129216	125832
CLS-750A-300	—	139516	135754
CLS-750A-350	—	149225	145312
CLS-750A-400	—	155101	154886

Weather-Resistant—NEMA IV/XII Construction

Model Number	240V*	480V**	550V
CLSW-750A-9	$ 63391	$ 63653	$ 64058
CLSW-750A-12	67444	65007	67029
CLSW-750A-15	67575	66957	67173
CLSW-750A-20	67735	66888	67330
CLSW-750A-30	74748	73559	73521
CLSW-750A-40	77251	75649	75594
CLSW-750A-60	96168	89416	88473
CLSW-750A-80	103851	96893	95692
CLSW-750A-100	107469	101268	97593
CLSW-750A-125	120681	111761	107027
CLSW-750A-150	131688	123145	107399
CLSW-750A-200	144222	135860	131607
CLSW-750A-250	—	148278	145124
CLSW-750A-300	—	159138	155014
CLSW-750A-350	—	169793	165478
CLSW-750A-400	—	170147	170147

Explosion-Resistant—Class 1, Group D

Model Number	240V*	480V**	550V
CLSX-750A-9	$ 82318	$ 82461	$ 83158
CLSX-750A-12	85883	85107	85511
CLSX-750A-15	86010	85205	85630
CLSX-750A-20	86153	81083	50068
CLSX-750A-30	94422	93366	93323
CLSX-750A-40	96659	95229	95183
CLSX-750A-60	115064	109013	108190
CLSX-750A-80	121960	114358	114671
CLSX-750A-100	128497	122656	116191
CLSX-750A-125	140354	132358	116190
CLSX-750A-150	150216	142564	119676
CLSX-750A-200	161432	153949	150156
CLSX-750A-250	—	169444	165739
CLSX-750A-300	—	179458	175475
CLSX-750A-350	—	190430	184850
CLSX-750A-400	—	286080	194250

*208V and 200V—Add $343.00 to the 240V price.
**440V—Add $343.00 to the 480V price.

NOTE: System Prices do not include the expansion tank assembly; this has to be added as a separate item.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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HEAT TRANSFER ACCESSORIES

OPTIONAL ACCESSORIES F0R MODELS MWS, CWG, MOS, COS, PFC

Expansion Tank Assemblies

System Size kW	Tank Size (Gal.)	Tank Ass'y P/N	List Price
9 & 12	12	296-120971-001	**$ 4303**
15 thru 30	18	296-120971-002	**4644**
40	30	296-120971-004	**4924**
60 & 80	42	296-120971-006	**3116**
100 thru 200	80	296-120971-007	**6640**
250 thru 400	115	296-120971-008	**7245**
250 thru 400	215	296-120971-009	**8895**

NOTES:

1. Contact factory for kW ratings larger than listed or for special systems.
2. Refer to Sales Bulletin PQ-100 and Quotation Form PQ-237 for complete description and specifications.
3. System Prices do not include the expansion tank assembly; this has to be added as a separate item.

List Price Adders

4. Float switch or level switch on expansion tank, add to description and price of tank assembly.
   - Non-hazardous area . . . . . **$ 1780**
   - Hazardous location **2155**
5. ASME certified for 100 psi @ 600°F:
   - 9-40 kW **3465**
   - 60-200 kW **4129**
   - 250-400 kW **5230**
6. Water Cooled Mechanical Seal **5255**
7. Additional standard optional extras. Contact Factory.

OPTIONAL ACCESSORIES CLD

Expansion Tank Assemblies

System Size kW	Tank Size (Gal.)	Tank Assy P/N	List Price
9 & 12	12	296-121087-001	**$ 8298**
15 thru 30	18	296-121087-002	**8489**
40	30	296-121087-003	**8717**
60 & 80	42	296-121087-004	**8981**
100 thru 200	80	296-121087-005	**9471**
250 thru 400	120	—	**9908**

NOTES:

1. Contact factory for kW ratings larger than listed or for special systems.
2. Refer to Sales Bulletin PQ-100, Instruction Sheet PQ-424, and Quotation Form PQ-230 for complete description and specifications.
3. System Prices do not include the expansion tank assembly; this has to be added as a separate item.

List Price Adders

4. Float switch or level switch on expansion tank, add to description and price of tank assembly.
   - CLD, CLDO, CLDW . . . . . **$ 5207**
   - CLDX **4522**
5. Additional standard optional extras. Contact Factory.

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HEAT TRANSFER ACCESSORIES

OPTIONAL ACCESSORIES FOR MODEL CLS

Expansion Tank Assemblies

System Size kW	Tank Size (Gal.)	Tank Assy P/N	List Price
9	12	296-123419-001	**$ 9175**
12 thru 20	18	296-123419-002	**9652**
30	30	296-123419-003	**9901**
40	42	296-123419-004	**10141**
60 & 80	80	296-123419-005	**10634**
100 thru 200	120	296-123419-006	**11129**
250 & 300	160	296-123419-007	**11706**
350 thru 450	215	296-123419-008	**12366**
500 & 600	250	296-123419-009	**13809**

NOTES:

1. Contact factory for kW ratings larger than listed or for special systems.
2. Refer to Sales Bulletin PQ-100, and Quotation Form PQ-238 for complete description and specifications.
3. System Prices do not include the expansion tank assembly; this has to be added as a separate item.

List Price Adders

4. Float switch or level switch on expansion tank, add to description and price of tank assembly.
   CLS, CLSO, CLSW . . . . . **$ 3753**
   CLSX **4051**
5. Nitrogen regulator on expansion tank, add to description and price of tank assembly. **835**
6. Back pressure relieving regulator **3227**
7. Additional standard optional extras. Contact Factory.

ACCESSORIES FOR COOLING MODULES

PCN	Model Number	P/N	Connection Size	Surface Area	Use with PFV's	Use with COS's	List Price
———	RJC-12M1.5	353-121764-001	1-1/2"	10.8 ft^2	12 thru 20	9 thru 30	**$ 7721**
———	RJC-12M2	353-121764-002	2"	10.8 ft^2	30 thru 80	40 thru 80	**8592**
———	RJC-20M2	353-121764-003	2"	19.78 ft^2	30 thru 80	40 thru 80	**9278**
106999	RJC-25M2	353-121764-004	2"	25.35 ft^2	30 thru 80	40 thru 80	**9448**
———	RJC-25M3	———————	3" (2" Valves)	25.35 ft^2	100 thru 400	100 thru 400	**10414**

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HEAT TRANSFER SYSTEMS

ELECTRIC HORIZONTAL VAPORIZORS
FOR DOWTHERM AND OTHER ORGANIC LIQUIDS
TYPE CHTV

ASME Certified for 150 psi at 750°F

Model Number	kW	No. Circuits	Basic Vessel 240/480V	List Price 240V	List Price 480V
CHTV-316-15	15	1	**$ 45645**	**$ 53761**	**$ 55340**
CHTV-316-20	20	1	**46128**	**56025**	**56025**
CHTV-316-25	25	1	**46641**	**56956**	**56632**
CHTV-316-30	30	1	**47146**	**57568**	**57208**
CHTV-316-40	40	2	**48041**	**61253**	**61040**
CHTV-316-50	50	2	**48979**	**63326**	**62158**
CHTV-624-40	40	2	**58625**	**73230**	**71626**
CHTV-624-50	50	2	**59711**	**74064**	**72787**
CHTV-624-60	60	2	**60777**	**75150**	**74584**
CHTV-624-75	75	3	**62362**	**81501**	**79597**
CHTV-624-100	100	3	**64511**	**84265**	**81264**
CHTV-1230-100	100	3	**83969**	**108707**	**105712**
CHTV-1230-125	125	4	**91307**	**—**	**111069**
CHTV-1230-150	150	4	**93643**	**—**	**114463**
CHTV-1230-175	175	6	**96363**	**—**	**119804**
CHTV-1230-200	200	6	**67476**	**—**	**123404**
CHTV-1836-200	200	6	**127836**	**—**	**152856**
CHTV-1836-225	225	6	**130221**	**—**	**155528**
CHTV-1836-250	250	6	**132606**	**—**	**158029**
CHTV-1836-275	275	6	**216554**	**—**	**163278**
CHTV-1836-300	300	6	**137342**	**—**	**169547**

NOTES:
1. Basic vessel prices include all items as listed on PQ-226 except the items listed under controls.
2. Refer to Sales Bulletin PQ-118, Quotation Form PQ-226 and Instruction Sheet PQ-431 for complete description and specifications.
3. Contact factory for kW rating larger than listed or for special vaporizors.
4. Deduct $734 from basic vessel price to delete Hartford Loop.
5. Additional standard optional extras. Contact Factory.

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LARGE TANK HEATING SYSTEMS

SMALL TANK FLANGE HEATERS
TYPE STFX

Heater Model	Volts	kW	Immersion Lenth (inches)	Circuits	Phase	ANSI Flange Size	Number of Tubes	Heater Part Number	List Price Each	Replacement Element
40 WPSI Applications										
STFXS-01-002P-E4	480	2.0	24	1	1	3” - 150#	1	306608-001	**$ 2246**	306675-001
STFXS-03-006P-E4	480	6.0	24	1	3	3” - 150#	3	306608-002	**3081**	306675-001
STFXS-06-012P-E4	480	12.0	24	1	3	4” - 150#	6	306608-003	**4644**	306675-001
STFXS-09-018P-E4	480	18.0	24	1	3	5” - 150#	9	306608-004	**6126**	306675-001
STFXS-12-024P-E4	480	20.0	24	1	3	6” - 150#	12	306608-005	**7630**	306675-001
STFXS-01-001P6-E4	600	1.6	24	1	1	3” - 150#	1	306608-006	**2241**	306675-002
STFXS-03-004P7-E4	600	4.7	24	1	3	3” - 150#	3	306608-007	**3065**	306675-002
STFXS-06-009P4-E4	600	9.4	24	1	3	4” - 150#	6	306608-008	**4607**	306675-002
STFXS-09-014P-E4	600	14.0	24	1	3	5” - 150#	9	306608-009	**6065**	306675-002
STFXS-12-018P7-E4	600	18.7	24	1	3	6” - 150#	12	306608-010	**7538**	306675-002
20 WPSI Applications										
STFXS-03-003P-E4	480	3.0	24	1	3	3” - 150#	3	306608-011	**$ 3043**	306675-002
STFXS-06-006P-E4	480	6.0	24	1	3	4” - 150#	6	306608-012	**4559**	306675-002
STFXS-09-009P-E4	480	9.0	24	1	3	5” - 150#	9	306608-013	**5986**	306675-002
STFXS-12-012P-E4	480	12.0	24	1	3	6” - 150#	12	306608-014	**7423**	306675-002
STFXS-24-024P-E4	480	24.0	24	1	3	8” - 150#	24	306608-015	**12969**	306675-002
STFXS-03-003P2-E4	600	3.2	24	1	3	3” - 150#	3	306608-016	**3046**	306675-001
STFXS-06-006P3-E4	600	6.3	24	1	3	4” - 150#	6	306608-017	**4563**	306675-001
STFXS-09-009P4-E4	600	9.4	24	1	3	5” - 150#	9	306608-018	**5993**	306675-001
STFXS-12-012P5-E4	600	12.5	24	1	3	6” - 150#	12	306608-019	**7432**	306675-001
STFXS-24-025P-E4	600	25.0	24	1	3	8” - 150#	24	306608-020	**12992**	306675-001
10 WPSI Applications										
STFXS-03-001P5-E4	240	1.5	24	1	3	3” - 150#	3	306608-021	**$ 3025**	306675-001
STFXS-06-003P-E4	240	3.0	24	1	3	4” - 150#	6	306608-022	**4517**	306675-001
STFXS-12-006P-E4	240	6.0	24	1	3	6” - 150#	12	306608-023	**7319**	306675-001
STFXS-24-012P-E4	240	12.0	24	1	3	8” - 150#	24	306608-024	**12687**	306675-001
STFXS-36-018P-E4	240	18.0	24	1	3	10” - 150#	36	306608-025	**18129**	306675-001
STFXS-48-024P-E4	240	24.0	24	1	3	12” - 150#	48	306608-026	**23744**	306675-001
STFXS-03-001P6-E4	600	1.6	24	1	3	3” - 150#	3	306608-027	**3025**	306675-002
STFXS-06-003P2-E4	600	3.2	24	1	3	4” - 150#	6	306608-028	**4519**	306675-002
STFXS-12-006P3-E4	600	6.3	24	1	3	6” - 150#	12	306608-029	**7325**	306675-002
STFXS-24-012P5-E4	600	12.5	24	1	3	8” - 150#	24	306608-030	**12699**	306675-002
STFXS-36-018P8-E4	600	18.8	24	1	3	10” - 150#	36	306608-031	**18153**	306675-002
STFXS-48-025P9-E4	600	25.1	24	1	3	12” - 150#	48	306608-032	**23784**	306675-002
5 WPSI Applications										
STFXS-03-000P8-E4	240	0.75	24	1	3	3” - 150#	3	306608-033	**$ 3015**	306675-002
STFXS-06-001P5-E4	240	1.5	24	1	3	4” - 150#	6	306608-034	**4496**	306675-002
STFXS-12-003P-E4	240	3.0	24	1	3	6” - 150#	12	306608-035	**7268**	306675-002
STFXS-24-006P-E4	240	6.0	24	1	3	8” - 150#	24	306608-036	**12546**	306675-002
STFXS-36-009P-E4	240	9.0	24	1	3	10” - 150#	36	306608-037	**17862**	306675-002
STFXS-48-012P-E4	240	12.0	24	1	3	12” - 150#	48	306608-038	**23313**	306675-002
STFXS-06-006P3-E4	600	1.6	24	1	3	4” - 150#	6	306608-039	**4497**	306675-001
STFXS-09-009P4-E4	600	3.2	24	1	3	6” - 150#	12	306608-040	**7270**	306675-001
STFXS-12-012P5-E4	600	6.3	24	1	3	8” - 150#	24	306608-041	**12553**	306675-001
STFXS-24-025P-E4	600	9.4	24	1	3	10” - 150#	36	306608-042	**17874**	306675-001
STFXS-48-012P5-E4	600	12.5	24	1	3	12” - 150#	48	306608-043	**23331**	306675-001

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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LARGE TANK HEATING SYSTEMS

SMALL TANK FLANGE HEATERS
TYPE STFX

Replacement Element

Part Number	306675-001	$ 299.00
Part Number	306675-002	$ 299.00

Notes:
Below is a list of standard options. For these or any other features, please contact local Sales Rep.
Refer to Green Section of price book for pricing of compatible panels

Options:
304 or 316 Stainless Steel Flange
300# Flange Construction
316 Stainless or Incoloy 800 Element Material
9” Extended Cold Ends
Thermostat
Passivation
Transmitter
Various Voltage / Wattage Rating
Type K or RTD Sensor
Custom Immersion Length

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LARGE TANK HEATING SYSTEMS

LARGE TANK FLANGE HEATERS - REPLACEABLE ELEMENTS
MOISTURE RESISTANT E4 HOUSING

Carbon Steel Sheath

Heater Model	kW	Volts	Phase	Circuits	Imersion Length (inches)	ANSI Flange Size	Number of Tubes	List Price Each
LTFX-125-004E4	4	480	3	1	60	4” - 150#	1	**$ 5606**
LTFX-128-008E4	8	480	3	1	96	4" - 150#	1	**5791**
LTFX-1212-012E4	12	480	3	1	144	4" - 150#	1	**6032**
LTFX-2212-024E4	24	480	3	1	144	6" - 150#	2	**8618**
LTFX-3212-036E4	36	480	3	1	144	6" - 150#	3	**10047**
LTFX-2325-060E4	60	480	3	1	300	8" - 150#	2	**12314**
LTFX-3325-090E4	90	480	3	3	300	10" - 150#	3	**16315**
LTFX-4325-120E4	120	480	3	2	300	10" - 150#	4	**18871**
LTFX-6325-180E4	180	480	3	3	300	12" - 150#	6	**25716**
LTFX-8325-240E4	240	480	3	4	300	14" - 150#	8	**31983**

NOTE(s):
For Explosion Resistant Housing (E2), stainless steel materials, or custom sizes please contact local Sales Office.
Refer to Green section of price book for Matching Panel Prices.

E4 Options:		**List Price Adders**
Alternate Voltages and/or Single Phase		**$ 385**
Thermocouple Transmitter		**325**
Mounting Control Panel & Pre-Wiring Unit (add “P” to model description)		
4468 Model Panel		**970**
4432 Model Panel		**1,475**
Change overtemperature sensor to RTD		**160**
Custom Lengths or Flange Sizes		Contact Factory
Universal Support Stands		
Carbon Steel	073139-032	**505**
Stainless Steel	073139-031	**895**
Variable height range of ~ 9” to 18”		
Other heights available, consult factory		

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LARGE TANK HEATING SYSTEMS

ELECTRIC FLEXIBLE TANK HEATER
TYPE FXTH
WEATHERPROOF CONTROL CENTER
TYPE WCC

Model Number	3-Phase Rating Volts	No. kW	Heated Tubes	FXTH Length(ft.)	List Price
FXTH-11206	240 480	6	1	12	**$ 8578**
FXTH-11508	240 480	8	1	15	**9100**
FXTH-11510	240 480	10	1	15	**9051**
FXTH-11512	240 480	12	1	15	**9255**
FXTH-12010	240 480	10	1	20	**9638**
FXTH-12012	240 480	12	1	20	**9707**
FXTH-12015	240 480	15	1	20	**9488**
FXTH-12718	240 480	18	1	27	**12946**
FXTH-13021	240 480	21	1	30	**15648**
FXTH-13224	240 480	24	1	32	**16754**
FXTH-13527	240 480	27	1	35	**17020**
FXTH-14030	240 480	30	1	40	**17613**
FXTH-21212	240 480	12	2	12	**13007**
FXTH-21516	240 480	16	2	15	**14048**
FXTH-21520	240 480	20	2	15	**14259**
FXTH-21524	240 480	24	2	15	**14379**
FXTH-22020	240 480	20	2	20	**15285**
FXTH-22024	240 480	24	2	20	**15422**
FXTH-22030	240 480	30	2	20	**15492**
FXTH-22736	240 480	36	2	27	**25250**
FXTH-23042	240 480	42	2	30	**26620**
FXTH-23248	240 480	48	2	32	**26402**
FXTH-23554	240 480	54	2	35	**27682**

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LARGE TANK HEATING SYSTEMS

ELECTRIC FLEXIBLE TANK HEATER
TYPE FXTH
WEATHERPROOF CONTROL CENTER
TYPE WCC

Model Number	3-Phase Rating Volt	No. kW	Heated Tubes	FXTH Length(ft.)	List Price
FXTH-31218	240 480	18	3	12	**$ 15828**
FXTH-31530	240 480	30	3	15	**17261**
FXTH-31536	240 480	36	3	15	**17445**
FXTH-32030	240 480	30	3	20	**18873**
FXTH-32036	240 480	36	3	20	**19057**
FXTH-32045	240 480	45	3	20	**19243**
FXTH-24060	240 480	60	2	40	**25632**

NOTE: For complete description and specifications, refer to Sales Bulletin PN-102 and Instruction Sheet PN-401.

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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LARGE TANK HEATING SYSTEMS

UNITARY ELECTRIC IMMERSION HEATERS
TYPE RST & RSTO

Type RSTO — Open Coil Construction

Model Number	kW	Price 240V, 3-Phase*	480V, 3-Phase**
RSTO-21915	15	**$ 16745**	**$ 16745**
RSTO-21920	20	**17340**	**17198**
RSTO-21925	25	**18260**	**18442**
RSTO-51530	30	**24456**	**22919**
RSTO-52038	38	**27519**	**25413**
RSTO-31518	18	**19680**	**29399**
RSTO-41524	24	**20932**	**19897**
RSTO-61536	36	**26022**	**24551**
RSTO-81545	45	**28783**	**26754**
RSTO-31720	20	**20361**	**19032**
RSTO-41726	26	**22321**	**20507**
RSTO-51732	32	**25103**	**23589**
RSTO-61740	40	**27892**	**25928**
RSTO-71848	48	**24647**	**27520**
RSTO-31922	22	**20206**	**19443**
RSTO-41930	30	**24456**	**22919**
RSTO-51936	36	**26002**	**24551**
RSTO-61945	45	**28783**	**26754**
RSTO-72156	56	**31230**	**28541**
RSTO-32024	24	**20932**	**19901**
RSTO-42336	36	**26002**	**24679**
RSTO-52548	48	**30210**	**27520**
RSTO-62660	60	**32787**	**29629**
RSTO-72672	72	**37405**	**35578**

*208V or 200V—Add $348.14 to the 240V price.
**440V—Add $348.14 to the 480V price.

NOTES:
1. Special voltages, wattages, immersion lengths, and explosion-resistant construction available. Consult factory.
2. Immediate non-standard design verification available through factory representatives.
3. For complete description and specifications, refer to Instruction Sheet PN-400 and P-130 catalog.
4. Optional extras available: . . . . . List Price Adders
   a. Other thermostat ranges - 20°F to 120°F . . . . . **$ 737**
   b. Adapter flange instead of adapter box **1201**
   c. Adapter mating flange - number of tubes:
      2 . . . . . **1599**
      3 . . . . . **1911**
      4 . . . . . **2112**
      5 . . . . . **2377**
      6 . . . . . **2631**
      7 . . . . . **2902**
      8 . . . . . **3142**

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LARGE TANK HEATING SYSTEMS

OPEN COIL ELEMENTS ONLY
TYPE OCE

Model Number	kW	Nominal Diameter (In.)	Overall Length (In.)	Terminal Cold End Length (In.)	Part Number 240V, 3-Phase	Part Number 480V, 3-Phase	List Price Each
OCE-05040-2	4.0	2	60	8	063-057588-002	063-057588-003	**$ 896**
OCE-08080-2	8.0	2	96	6	063-057588-008	063-057588-009	**1087**
OCE-12120-2	12.0	2	144	6	063-057588-014	063-057588-015	**1341**
OCE-20200-2	20.0	2	240	6	—	063-057588-019	**1850**
OCE-06050-3	5.0	3	66	8	—	063-071356-058	**1064**
OCE-15056-3	5.6	3	184	15	063-120517-037	063-120517-038	**1785**
OCE-15060-3	6.0	3	188	15	063-120517-007	063-120517-008	**1809**
OCE-17065-3	6.5	3	206	15	063-120517-015	063-120517-016	**1919**
OCE-17067-3	6.7	3	212	15	063-120517-009	063-120517-010	**1956**
OCE-19069-3	6.9	3	219	15	063-120517-031	063-120517-032	**1999**
OCE-19072-3	7.2	3	230	15	063-120517-021	063-120517-022	**2066**
OCE-19075-3	7.5	3	236	15	063-120517-001	063-120517-002	**2102**
OCE-19100-3	10.0	3	236	15	063-120517-003	063-120517-004	**2102**
OCE-19125-3	12.5	3	236	15	063-120517-005	063-120517-006	**2102**
OCE-20076-3	7.6	3	242	15	063-120517-023	063-120517-024	**2139**
OCE-20080-3	8.0	3	242	15	063-120517-013	063-120517-014	**2139**
OCE-21080-3	8.0	3	255	15	063-120517-033	063-120517-034	**2218**
OCE-23090-3	9.0	3	284	15	063-120517-017	063-120517-018	**2395**
OCE-25096-3	9.6	3	308	15	063-120517-025	063-120517-026	**2542**
OCE-26100-3	10.0	3	314	15	063-120517-027	063-120517-028	**2579**
OCE-26103-3	10.3	3	320	15	063-120517-035	063-120517-036	**2615**

NOTES:
1. Special ratings and lengths are available. Consult factory.
2. Immediate Non-Standard design verification and special pricing availability through factory representatives.
3. For complete description and specifications, refer to Sales Bulletin PN-100 and Instruction Sheet PN-402.

List Price Each

Options:

1. NEMA 4 Terminal Enclosure Kit:
   - 2” Dia. - P/N: 168-122571-017 . . . . . **$ 830**
   - 3” Dia. - P/N: 168-122571-016 . . . . . **925**

2. NEMA 4X Terminal Enclosure Kit:
   - 2” Dia. - P/N: 168-122571-066 . . . . . **1495**
   - 3” Dia. - P/N: 168-122571-028 . . . . . **1665**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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PACKAGED SYSTEMS

LOADBANKS

Portable Loadbank Energy Dissipation Unit

Model Number	kW	Volts	Phase	PCN	Weight (lbs.)	List Price
EDP-0115TG5	115/86	480/240/208	3	161904	95	**$ 13435**

Includes dual voltage, Camlok power connections, and 5 kW load step resolution.

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PACKAGED SYSTEMS

LOADBANKS

Model

EDU Load Bank Energy Dissipation Unit

Code	Power/Kilowatt rating	Base Price
01	100 kW	**$ 25,402**
02	200 kW	**29,878**
03	300 kW	**38,138**
04	400 kW	**48,587**
05	500 kW	**58,567**
06	600 kW	**67,264**
08	800 kW	**81,266**
10	1000 kW	**128,945**

Code	Mounting	100 - 300kW	400 - 500kW	600 - 800kW	1000kW	Adders (Deducts)
1	Castor Mounted	Standard	Standard	600	600	
2	Skid Mounted	nc	nc	Standard	Standard	
3	Trailer Mounted	**$ 5,730**	**$ 5,730**	**$ 6,874**	**$ 9,329**	

Code	Steps/load control resolution		
1	1 kW	Standard	**nc**

27**15**)

Code	Load Switching Scheme		
TG	Toggle selector switches		(**313**)
PB	Push buttons		(**313**)
KE	Keypad mounted on unit	Standard	**nc**
RE	Remote control with cord		**2,543**

Code	Voltage	
1	120 Vac	**Contact Factory**
2	208 Vac	**Contact Factory**
3	208/240 Vac	**Contact Factory**
4	240 Vac	**nc**
5	240/480 Vac	**Contact Factory**
6	277 Vac	**Contact Factory**
7	380 Vac	**Contact Factory**
8	480 Vac	**nc**

EDU-	05	3	1	KE	4	Typical Model Number

Code	Options (Add each letter as suffix to model number. Use all that apply.)		
A	Multifunction digital meter Amps, volts and watts/phase		**$ 2,971**
B	Single-Volt Meter with Phase Selection Switch		**840**
C	Three-Volt Meters		**1,408**
D	Single Ammeter with Phase Selection Switch		**1,341**
E	3 Ammeters		**1,685**
F	kW Meter		**2,583**
G	Control Panel Cooling Fan	For ambient over 35°C this is mandatory	**325**
H	Anticondensation Heater	For high humidity locations on permanent outdoor locations this is recommended	**410**
I	Load Management Module for 5MW		**8,489**
K	"Wrong Voltage Applied" Indicator		**2,631**
L	Camlok Power Connections	For 100 kW through 500 kW For 600 kW through 1000 kW	**2,853** **5,069**
M	Phase Reversal Switch, Auto		**936**
N	Fan Delay Switch		**283**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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PACKAGED SYSTEMS

AIR TEMPERATURE CONTROL ELECTRIC HEATING SYSTEM

Model

HACS Air Temperature Control Electronic Heating System

Code	Power/Kilowatt rating	Base Price
050	50 kW	**$ 38,141**
100	100 kW	**39,759**
150	150 kW	**41,945**

Code	Fan Output	Adders
1	3,000 SCFM @ 2” WG	**5,836**
2	5,000 SCFM @ 2” WG	**7,163**
3	5,000 SCFM @ 5” WG	**10,474**
4	7,000 SCFM @ 5” WG	**17,145**

Code	Control Method		
C	Multi-Circuit Contactor Control	Standard	**nc**
S	SCR Power Control		**2,898**

Code	Outer Skin		
CP	Carbon Steel, Painted	Standard	**nc**
SS	Stainless Steel		**2,270**

Code	Voltage		
4	480 Vac	Standard	**nc**

HACS-	150	3	C	CP	4	Typical Model Number	

Code	Options (Add each letter as suffix to model number. Use all that apply.)		
A	Variable Speed Fan Motor	For Fan Output Codes 1 and 2	**$ 1,186**
		For Fan Output Codes 3 and 4	**1,504**

(Note: SCR Control Method is Required for selecting Variable Speed Fan Motor Option)

B	Camlok Power Connections		**667**
C	Phase Reversal Switch		**375**
D	Running Time Meter		**655**
E	Multifunction Digital Meter (Amps, Volts and Watts/Phase)		**2,670**
F	Single-Volt Meter with Phase Selection Switch		**752**
G	Three-Volt Meters		**1,255**
H	Single Ammeter with Phase Selection Switch		**1,193**
I	3 Ammeters		**1,504**
J	kW Meter		**2,332**
K	Control Panel Cooling Fan		**292**
L	Anticondensation Heater	For high humidity locations in permanent outdoor installations this is recommended	**367**

Terms: net 30 days. Industrial Product Schedule C Prices: F.O.B. Shipping Point

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PCN	DESCRIPTION	SS	WT	D	PRICE
	SILICONE LAMINATE 807				
121515	SL-N-1-05-0-10-S-120V-25W	ST	000	A	$21.25
121523	SL-N-1-10-0-10-S-120V-50W	ST	000	A	$24.00
121531	SL-N-1-15-0-10-S-120V-75W	NS	000	A	$26.00
121540	SL-N-1-20-0-10-S-120V-100W	ST	000	A	$29.25
121566	SL-N-1-30-0-10-S-120V-150W	ST	000	A	$34.50
121574	SL-N-1-35-0-10-S-120V-175W	NS	000	A	$36.00
121582	SL-N-1-40-0-10-S-120V-200W	ST	000	A	$39.75
121590	SL-N-1-80-0-10-S-120V-400W	ST	000	A	$61.00
121611	SL-N-2-02-0-10-S-120V-20W	ST	000	A	$20.75
121620	SL-N-2-05-0-10-S-120V-50W	ST	000	A	$24.00
121638	SL-N-2-10-0-10-S-120V-100W	ST	000	A	$29.25
121646	SL-N-2-15-0-10-S-120V-150W	NS	000	A	$34.50
121654	SL-N-2-20-0-10-S-120V-200W	ST	000	A	$39.75
121662	SL-N-2-20-0-10-S-240V-200W	ST	000	A	$39.75
121697	SL-N-2-35-0-10-S-120V-350W	NS	000	A	$54.00
121700	SL-N-2-40-0-10-S-120V-400W	NS	000	A	$59.00
121726	SL-N-3-05-0-10-S-120V-75W	ST	000	A	$26.50
121734	SL-N-3-10-0-10-S-120V-150W	ST	000	A	$34.50
121742	SL-N-3-15-0-10-S-120V-225W	ST	000	A	$42.25
121750	SL-N-3-15-0-10-S-240V-225W	NS	000	A	$43.75
121769	SL-N-3-20-0-10-S-120V-300W	ST	000	A	$50.50
121777	SL-N-3-20-0-10-S-240V-300W	ST	000	A	$50.50
121785	SL-N-3-25-0-10-S-120V-375W	ST	000	A	$58.00
121814	SL-N-3-40-0-10-S-120V-600W	ST	000	A	$82.00
121822	SL-N-4-10-0-10-S-120V-200W	ST	000	A	$39.75
121849	SL-N-5-10-0-10-S-120V-250W	ST	000	A	$45.00
121857	SL-N-5-15-0-10-S-120V-375W	ST	000	A	$58.00
121865	SL-N-5-20-0-10-S-120V-500W	ST	000	A	$71.50
121873	SL-N-6-15-0-10-S-120V-450W	ST	000	A	$66.00
121881	SL-N-6-20-0-10-S-120V-600W	ST	000	A	$82.00
	SILICONE LAMINATED (ENCL) 807				
	ENCLOSURE HEATER WITH PRESET - THERMOSTAT(40F CLOSE,55F OPEN)				
122622	SLB-2-5-55P-10-120V-25W	ST	000	A	$107.00
122606	SLB-2-5-55P-10-120V-50W	ST	000	A	$107.00
122585	SLB-2-10-55P-10-120V-100W	ST	000	A	$117.00
123297	SLB-4-10-55P-10-120V-200W	ST	000	A	$139.00
	ENCLOSURE HEATER WITHOUT THERMOSTAT				
122614	SLB-2-5-O-10-120V-25W	ST	000	A	$63.50
122593	SLB-2-5-O-10-120V-50W	ST	000	A	$63.50
122577	SLB-2-10-O-10-120V-100W	ST	000	A	$72.50
123300	SLB-4-10-O-10-120V-200W	ST	000	A	$94.00
	IN-LINE THERMOSTAT (40F CLOSE 55F OPEN)				
122657	T-N-40P-KIT	ST	000	A	$45.00
	DRUM HEATERS SILICONE RUBBER INSUL				
	5 GALLON METAL DRUM				
123123	SLDH-5-A-6CPGM1-120V-550W	ST	000	A	$269.00
	5 GALLON PLASTIC DRUM				
123190	SLDHP-5-A-6CPGM-120V-300W	NS	000	A	$525.00
	15 GALLON METAL DRUM				
123211	SLDH-15-A-6CGM2-240V-500W	NS	000	A	$276.00
123131	SLDH-15-A-6CPGM1-120V-500W	ST	000	A	$276.00
123140	SLDH-15-A-6CPGM1-120V-700W	ST	000	A	$298.00
	30 GALLON METAL DRUM				
123166	SLDH-30-A-6CPGM1-120V-1000W	ST	000	A	$406.00
123158	SLDH-30-A-6CPGM1-120V-750W	NS	000	A	$293.00
123220	SLDH-30-A-6CGM2-240V-750W	NS	000	A	$293.00
	55 GALLON METAL DRUM				
123174	SLDH-55-A-6CPGM1-120V-1000W	ST	000	A	$317.00
123182	SLDH-55-A-6CPGM1-120V-1200W	ST	000	A	$449.00
123238	SLDH-55-A-6CGM2-240V-1000W	ST	000	A	$317.00
123246	SLDH-55-A-6CGM2-240V-1200W	ST	000	A	$449.00
	55 GALLON PLASTIC DRUM				
123203	SLDHP-55-A-6CPGM-120V-750W	ST	000	A	$880.00
	WOVEN DRUM HEATERS				
	5 GALLON PAIL				
123000	PHD-5-1-5	NS	000	A	$606.00
123019	PHD-5-2-5	NS	000	A	$606.00
123086	PHDT-5-1-5	NS	000	A	$773.00
123094	PHDT-5-2-5	NS	000	A	$773.00
	55 GALLON DRUM				
123027	PHD-55-1-12	ST	000	A	$901.00
123035	PHD-55-2-12	NS	000	A	$901.00
123107	PHDT-55-1-12	ST	000	A	$1122.00
123115	PHDT-55-2-12	ST	000	A	$1122.00
	30 GALLON DRUM				
122980	PHD-30-1-10	NS	000	A	$806.00
122999	PHD-30-2-10	ST	000	A	$806.00
123060	PHDT-30-1-10	NS	000	A	$1029.00
123078	PHDT-30-2-10	NS	000	A	$1029.00
	15 GALLON DRUM				
122964	PHD-15-1-7	ST	000	A	$731.00
122972	PHD-15-2-7	NS	000	A	$731.00
123043	PHDT-15-1-7	NS	000	A	$929.00
123051	PHDT-15-2-7	NS	000	A	$929.00
	INSULATING BLANKET 813				
298070	IBG-5 INSUL BLANKET	NS	002	A	$257.00
299225	IBG-16 INSUL BLANKET	NS	002	A	$300.00
299233	IBG-30 INSUL BLANKET	NS	003	A	$376.00
298089	IBG-55 INSUL BLANKET	ST	000	A	$464.00
	EXTENSION STRAP 819				
290132	PDES-10 GIRTH EXT STRAP	ST	000	A	$23.50
	UB UNIT HEATERS 232				
261403	UB-23 M115V 120V1P 2.000KW	ST	014	A	$924.00
261411	UB-23 M208V 208V1P 2.000KW	NS	014	A	$924.00
261420	UB-23 M230V 240V1P 2.000KW	NS	014	A	$924.00
261438	UB-32 M115V 120V1P 3.000KW	ST	014	A	$967.00
261446	UB-32 M208V 208V1P 3.000KW	ST	014	A	$967.00
261454	UB-32 M230V 240V1P 3.000KW	ST	014	A	$967.00
261462	UB-502 M120V 120V1P 5.000KW	NS	043	A	$1126.00
261489	UB-502 M208V 208V1P 5.000KW	NS	043	A	$1126.00
261500	UB-502 M230V 240V1P 5.000KW	NS	043	A	$1126.00
261526	UB-502 M120V 480V1P 5.000KW	NS	043	A	$1126.00
269114	UB-502 M240V 480V1P 5.000KW	NS	043	A	$1125.00
264250	UB-502R M230V 240VIP 5.000KW	NS	043	A	$1287.00
261497	UB-502 M208V 208V3P 5.000KW	NS	043	A	$1126.00
261518	UB-502 M230V 240V3P 5.000KW	NS	043	A	$1126.00
261534	UB-502 M115V 480V3P 5.000KW	NS	043	A	$1126.00
265199	UB-502 M230V 480V3P 5.000KW	NS	043	A	$1125.00
266685	UB-502 M115V 550V3P 5.000KW	NS	043	A	$1164.00
285368	UB-502 M240V 550V3P 5.000KW	NS	043	A	$1164.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
269755	UB-502R M230V 240V3P 5.000KW	NS	043	A	$1287.00
264268	UB-502R M115V 480V3P 5.000KW	NS	043	A	$1287.00
269704	UB-502T M115V 480V3P 5.000KW	ST	055	A	$1560.00
264233	UB-502T M230V 480V3P 5.000KW	NS	055	A	$1560.00
261542	UB-752 M120V 120V1P 7.500KW	NS	043	A	$1179.00
261569	UB-752 M208V 208V1P 7.500KW	NS	043	A	$1179.00
261585	UB-752D M230V 240V1P 7.500KW	NS	043	A	$1179.00
261606	UB-752 M120V 480V1P 7.500KW	NS	043	A	$1179.00
269122	UB-752 M240V 480V1P 7.500KW	NS	043	A	$1179.00
261577	UB-752 M208V 208V3P 7.500KW	NS	043	A	$1179.00
261593	UB-752 M230V 240V3P 7.500KW	NS	043	A	$1179.00
261614	UB-752 M115V 480V3P 7.500KW	ST	043	A	$1179.00
265228	UB-752 M230V 480V3P 7.500KW	NS	043	A	$1181.00
266693	UB-752 M115V 550V3P 7.500KW	NS	043	A	$1226.00
285376	UB-752 M240V 550V3P 7.500KW	NS	043	A	$1226.00
264276	UB-752R M230V 240V3P 7.500KW	NS	043	A	$1336.00
264284	UB-752R M115V 480V3P 7.500KW	NS	043	A	$1336.00
264292	UB-752R M230V 480V3P 7.500KW	NS	043	A	$1336.00
265324	UB-752T M115V 480V3P 7.500KW	ST	055	A	$1599.00
264241	UB-752T M230V 480V3P 7.500KW	NS	055	A	$1599.00
261622	UB-1002 M208V 208V1P 10.000KW	NS	048	A	$1543.00
261649	UB-1002 M230V 240V1P 10.000KW	NS	048	A	$1543.00
261665	UB-1002 M120V 480V1P 10.000KW	NS	048	A	$1543.00
265244	UB-1002 M240V 480V1P 10.000KW	NS	048	A	$1543.00
261630	UB-1002 M208V 208V3P 10.000KW	NS	048	A	$1543.00
261657	UB-1002 M230V 240V3P 10.000KW	NS	048	A	$1543.00
261673	UB-1002 M115V 480V3P 10.000KW	NS	048	A	$1543.00
265236	UB-1002 M230V 480V3P 10.000KW	NS	048	A	$1543.00
285350	UB-1002 M230V 550V3P 10.000KW	NS	048	A	$1597.00
266706	UB-1002 M115V 550V3P 10.000KW	NS	048	A	$1597.00
277843	UB-1002TM115V 480V3P 10.000KW	NS	060	A	$1597.00
277851	UB-1002TM230V 480V3P 10.000KW	NS	060	A	$1597.00
261690	UB-1252 M240V 240V1P 12.500KW	NS	048	A	$1649.00
261710	UB-1252 M120V 480V1P 12.500KW	NS	048	A	$1649.00
265260	UB-1252 M240V 480V1P 12.500KW	NS	048	A	$1615.00
261681	UB-1252 M208V 208V3P 12.500KW	NS	048	A	$1649.00
261702	UB-1252 M230V 240V3P 12.500KW	NS	048	A	$1649.00
261729	UB-1252 M120V 480V3P 12.500KW	NS	048	A	$1649.00
265252	UB-1252 M240V 480V3P 12.500KW	NS	048	A	$1649.00
261745	UB-1502 M240V 240V1P 15.000KW	NS	052	A	$1762.00
261761	UB-1502 M120V 480V1P 15.000KW	NS	052	A	$1762.00
265279	UB-1502 M240V 480V1P 15.000KW	NS	052	A	$1730.00
261737	UB-1502 M208V 208V3P 15.000KW	NS	052	A	$1762.00
261753	UB-1502 M230V 240V3P 15.000KW	NS	052	A	$1762.00
261770	UB-1502 M115V 480V3P 15.000KW	ST	052	A	$1762.00
265295	UB-1502 M230V 480V3P 15.000KW	NS	052	A	$1762.00
264364	UB-1502 M115V 550V3P 15.000KW	NS	052	A	$1823.00
266677	UB-1502TM115V 480V3P 15.000KW	ST	064	A	$1823.00
261796	UB-2002 M240V 240V1P 20.000KW	NS	052	A	$2037.00
261817	UB-2002 M120V 480V1P 20.000KW	NS	052	A	$2037.00
265287	UB-2002 M240V 480V1P 20.000KW	NS	052	A	$2037.00
265308	UB-2002 M230V 480V3P 20.000KW	NS	052	A	$2037.00
261788	UB-2002 M208V 208V3P 20.000KW	NS	052	A	$2037.00
261809	UB-2002 M230V 240V3P 19.900KW	NS	052	A	$2037.00
261825	UB-2002 M115V 480V3P 20.000KW	ST	052	A	$2037.00
264372	UB-2002 M115V 550V3P 20.000KW	NS	052	A	$2111.00
285384	UB-2002TM115V 480V3P 20.000KW	ST	064	A	$2533.00

PCN	DESCRIPTION	SS	WT	D	PRICE
332689	UB-2502 M460V 480V 3P 25.000KW	NS	185	A	$4601.00
332945	UB-3002 M460V 480V 3P 30.000KW	NS	185	A	$4722.00
333180	UB-3502 M460V 480V 3P 35.000KW	NS	210	A	$5072.00
333403	UB-4002 M460V 480V 3P 40.000KW	NS	210	A	$5392.00
333606	UB-4502 M460V 480V 3P 45.000KW	NS	210	A	$5522.00
333788	UB-5002 M460V 480V 3P 50.000KW	ST	210	A	$5657.00
264305	WUB-1 WALL MTG BRKT	ST	003	A	$58.00
264313	WUB-3 WALL MTG BRKT	ST	003	A	$75.00
264321	WUB-4 WALL MTG BRKT	ST	003	A	$87.00
264330	PN 1-44419 CEIL MTG BRKT	ST	003	A	$67.00
264348	PN 2-44419 CEIL MTG BRKT	ST	003	A	$70.00
264356	PN 3-44419 CEIL MTG BRKT	NS	003	A	$90.00

UB Additional Features

1. Internal power relay	$150
2. Step-down transformer	$375
3. New Item Engineering Charge pro-rated over line quantity	$150
Total list value amount of quanitity for no charge to apply	$500
4. Special voltage, check with factory	

HF UNIT HEATERS 233

261307	HF-203G AC 120V1P 1900W	ST	017	A	$728.00
261315	HF-203G AC 240V1P 2000W	NS	017	A	$728.00
261340	HF-303 AC 120V1P 3000W	NS	019	A	$848.00
261358	HF-303G AC 240V1P 3000W	NS	019	A	$848.00
261382	HF-403G AC 240V1P 4000W	ST	019	A	$999.00
261323	HF-203DG DC 120V1P 1900W	NS	017	A	$1351.00
261331	HF-203DG DC 240V1P 2000W	ST	017	A	$1351.00
261366	HF-303D DC 120V1P 3000W	NS	019	A	$1446.00
261374	HF-303DG DC 240V1P 3000W	ST	019	A	$1446.00
261390	HF-403D DC 240V1P 4000W	ST	019	A	$1531.00

DRAGON PORTABLE HEATERS 236

295523	DRA-07-83 208V 3P 7.5KW	NS	065	A	$1345.00
295531	DRA-07-23 240V 3P 7.5KW	NS	065	A	$1345.00
295540	DRA-10-83 208V 3P 9.75KW	NS	065	A	$1365.00
295558	DRA-10-23 240V 3P 9.75KW	ST	065	A	$1365.00
295566	DRA-15-83 208V 3P 15KW	NS	065	A	$1367.00
295574	DRA-15-23 240V 3P 15KW	ST	065	A	$1367.00
295582	DRA-15-43 480V 3P 15KW	ST	065	A	$1420.00
295596	DRA-15-93 600V 3P 15KW	NS	065	A	$1548.00
295603	DRA-20-23 240V 3P 19.5KW	NS	075	A	$1814.00
295611	DRA-20-43 480V 3P 20KW	ST	075	A	$1630.00
295620	DRA-20-93 600V 3P 20KW	NS	075	A	$1710.00
295638	DRA-30-43 480V 3P 30KW	ST	075	A	$1905.00
295646	DRA-30-93 600V 3P 30KW	NS	075	A	$1970.00

Dragon Heater Accessories

295427	PLC-2514-4 POWER CORD 25-FT	NS	007	A	$107.00
295435	PLC-2512-4 POWER CORD 25-FT	NS	009	A	$122.00
295443	PLC-2510-3 POWER CORD 25-FT	NS	009	A	$125.00
295451	PLC-2510-4 POWER CORD 25-FT	NS	011	A	$141.00
295460	PLC-2508-3 POWER CORD 25-FT	NS	012	A	$164.00
295478	PLC-2508-4 POWER CORD 25-FT	NS	015	A	$215.00
295486	PLC-2506-3 POWER CORD 25-FT	NS	016	A	$230.00
295494	PLC-2506-4 POWER CORD 25-FT	NS	017	A	$270.00
295515	PLC-2504-4 POWER CORD 25-FT	NS	025	A	$337.00
338845	PGL-15-20 250V 20 AMP PLUG	NS	001	A	$101.00
338853	PGL-15-30 250V 30 AMP PLUG	NS	001	A	$123.00
338861	PGL-16-30 480V 30 AMP PLUG	NS	001	A	$123.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
338870	PGL-17-30 600V 30 AMP PLUG	NS	001	A	$125.00
338888	PGN-6-50 250V 50 AMP PLUG	NS	001	A	$237.00
338896	PGN-15-20 250V 20 AMP PLUG	NS	001	A	$159.00
338909	PGN-15-50 250V 50 AMP PLUG	ST	001	A	$223.00
	CXH BLOWER HEATERS 277				
026008	CXH-A-03-81-32-00-20-EP	NS	135	A	$4058.00
026016	CXH-A-03-83-32-00-20-EP	NS	135	A	$4058.00
026024	CXH-A-03-21-32-00-20-EP	NS	135	A	$4058.00
026032	CXH-A-03-23-32-00-20-EP	NS	135	A	$4058.00
026040	CXH-A-03-43-32-00-20-EP	NS	135	A	$4058.00
026067	CXH-A-03-81-30-00-20-EP	NS	135	A	$4058.00
026075	CXH-A-03-83-30-00-20-EP	NS	135	A	$4058.00
026083	CXH-A-03-21-30-00-20-EP	NS	135	A	$4058.00
026091	CXH-A-03-23-30-00-20-EP	NS	135	A	$4058.00
026104	CXH-A-03-43-30-00-20EP	NS	135	A	$4058.00
026112	CXH-A-03-63-30-00-20-EP	NS	135	A	$4058.00
026120	CXH-A-05-81-32-00-20-EP	NS	135	A	$4283.00
026139	CXH-A-05-83-32-00-20-EP	NS	135	A	$4283.00
026147	CXH-A-05-21-32-00-20-EP	NS	135	A	$4283.00
026155	CXH-A-05-23-32-00-20-EP	NS	135	A	$4283.00
026163	CXH-A-05-43-32-00-20-EP	ST	135	A	$4283.00
026171	CXH-A-05-63-32-00-20-EP	NS	135	A	$4283.00
026180	CXH-A-05-81-30-00-20-EP	NS	135	A	$4283.00
026198	CXH-A-05-83-30-00-20-EP	NS	135	A	$4283.00
026200	CXH-A-05-21-30-00-20-EP	NS	135	A	$4283.00
026219	CXH-A-05-23-30-00-20-EP	NS	135	A	$4283.00
026227	CXH-A-05-43-30-00-20-EP	NS	135	A	$4283.00
026235	CXH-A-05-63-30-00-20-EP	NS	135	A	$4283.00
026243	CXH-A-07-81-32-00-20-EP	NS	135	A	$4469.00
026251	CXH-A-07-83-32-00-20-EP	NS	135	A	$4469.00
026260	CXH-A-07-21-32-00-20-EP	NS	135	A	$4469.00
026278	CXH-A-07-23-32-00-20-EP	NS	135	A	$4469.00
026286	CXH-A-07-43-32-00-20-EP	ST	135	A	$4469.00
026294	CXH-A-07-63-32-00-20-EP	NS	135	A	$4469.00
026307	CXH-A-07-81-30-00-20-EP	NS	135	A	$4469.00
026315	CXH-A-07-83-30-00-20-EP	NS	135	A	$4469.00
026323	CXH-A-07-21-30-00-20-EP	NS	135	A	$4469.00
026331	CXH-A-07-23-30-00-20-EP	NS	135	A	$4469.00
026340	CXH-A-07-43-30-00-20-EP	NS	135	A	$4469.00
026358	CXH-A-07-63-30-00-20-EP	NS	135	A	$4469.00
026366	CXH-A-10-83-32-00-20-EP	NS	140	A	$4645.00
026374	CXH-A-10-21-32-00-20-EP	NS	140	A	$4645.00
026382	CXH-A-10-23-32-00-20-EP	NS	140	A	$4645.00
025101	CXH-A-10-43-32-00-20-EP	ST	140	A	$4645.00
026390	CXH-A-10-63-32-00-20-EP	NS	140	A	$4645.00
026403	CXH-A-10-83-30-00-20-EP	NS	140	A	$4645.00
026411	CXH-A-10-21-30-00-20-EP	NS	140	A	$4645.00
026420	CXH-A-10-23-30-00-20-EP	NS	140	A	$4645.00
026438	CXH-A-10-43-30-00-20-EP	NS	140	A	$4645.00
026446	CXH-A-10-63-30-00-20-EP	NS	140	A	$4645.00
026454	CXH-A-15-83-32-00-20-EP	NS	160	A	$4914.00
026462	CXH-A-15-23-32-00-20-EP	NS	160	A	$4914.00
026470	CXH-A-15-43-32-00-20-EP	ST	160	A	$4914.00
026489	CXH-A-15-63-32-00-20-EP	NS	160	A	$4914.00
026497	CXH-A-15-83-30-00-20-EP	NS	160	A	$4914.00
026500	CXH-A-15-23-30-00-20-EP	NS	160	A	$4914.00
026518	CXH-A-15-43-30-00-20-EP	NS	160	A	$4914.00
026526	CXH-A-15-63-30-00-20-EP	NS	160	A	$4914.00
026534	CXH-A-18-23-32-00-20-EP	NS	171	A	$5164.00
026542	CXH-A-18-23-30-00-20-EP	NS	171	A	$5164.00
025110	CXH-A-20-43-32-00-20-EP	ST	171	A	$5164.00
026550	CXH-A-20-63-32-00-20-EP	NS	171	A	$5164.00
026569	CXH-A-20-43-30-00-20-EP	NS	171	A	$5164.00
026577	CXH-A-20-63-30-00-20-EP	NS	171	A	$5164.00
028556	CXH-A-25-43-32-00-20-EP	NS	216	A	$5495.00
028564	CXH-A-30-43-32-00-20-EP	ST	216	A	$6007.00
028572	CXH-A-35-43-32-00-20-EP	NS	216	A	$6609.00
028612	CXH-A-35-43-30-00-20-EP 480V 3	NS	216	A	$6609.00
	CXH HEATER W/ THERMOSTAT 270				
028580	CXH-A-10-43-32-40-20-EP	ST	140	A	$4830.00
028599	CXH-A-20-43-32-40-20-EP	ST	171	A	$5349.00
028601	CXH-A-25-43-32-40-20-EP	NS	216	A	$5680.00
028610	CXH-A-30-43-32-40-20-EP	ST	216	A	$6192.00
028628	CXH-A-35-43-32-40-20-EP	ST	216	A	$6794.00
	CXH HEATER ACCESSORIES				
025152	WMB-12 WALL MTG BRKT	ST	026	A	$242.00
025160	WMB-16 WALL MTG BRKT	ST	028	A	$258.00
029065	WMB-20 WALL MTG BRKT	ST	030	A	$336.00
025179	PMB-12 POLE MTG BRKT	NS	026	A	$263.00
025187	PMB-16 POLE MTG BRKT	NS	028	A	$310.00
029073	PMB-20 POLE MTG BRKT	NS	030	A	$397.00
025195	HMK-00 CEILING MTG BRKT	ST	026	A	$250.00
	CXH Additional Features				
	1. 15 Amp, 3 Phase Disconnect Switch -				$1923
	2. 30 Amp, 1 Phase Disconnect Switch -				$1923
	3. 30 Amp, 3 Phase Disconnect Switch -				$1923
	4. 60 Amp, 3 Phase Disconnect Switch -				$2076
	5. Thermostat -				$185
	6. Pilot Light				$188
	7. Artic Duty				$177
	8. High Altitude				$286
	9. Fan switch				$849
	10. Auto and manual reset cutout				$142
	CVEP CONVECTION HEATERS 248				
086844	CVEP-1.6 208V 3P 1.6KW	NS	050	A	$1675.00
086852	CVEP-1.6 240V 1P 1.6KW	NS	050	A	$1675.00
086860	CVEP-1.6 240V 3P 1.6KW	NS	050	A	$1675.00
086879	CVEP-1.6 277V 1P 1.6KW	NS	050	A	$1675.00
086887	CVEP-1.6 480V 1P 1.6KW	NS	050	A	$1675.00
086895	CVEP-1.6 480V 3P 1.6KW	NS	050	A	$1675.00
086908	CVEP-1.6 575V 1P 1.6KW	NS	050	A	$1675.00
028759	CVEP-18C-1100 120V 1P 1800W	NS	045	A	$1879.00
028767	CVEP-18C-8100 208V 1P 1800W	NS	045	A	$1879.00
028804	CVEP-18C-7100 277V 1P 1800W	NS	045	A	$1879.00
028783	CVEP-18C-2100 240V 1P 1800W	ST	045	A	$1879.00
028812	CVEP-18C-4100 480V 1P 1800W	NS	045	A	$1879.00
086916	CVEP-3.2 208V 1P 3.2KW	NS	084	A	$2850.00
086924	CVEP-3.2 208V 3P 3.2KW	NS	084	A	$2850.00
086932	CVEP-3.2 240V 1P 3.2KW	NS	084	A	$2850.00
086940	CVEP-3.2 240V 3P 3.2KW	NS	084	A	$2850.00
086959	CVEP-3.2 277V 1P 3.2KW	NS	084	A	$2850.00
086967	CVEP-3.2 480V 1P 3.2KW	NS	084	A	$2850.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
086975	CVEP-3.2 480V 3P 3.2KW	NS	084	A	$2850.00
086983	CVEP-3.2 575V 1P 3.2KW	NS	084	A	$2850.00
087070	CVEP-36-C-81-00-00 208V1P3.6KW	ST	050	A	$2083.00
087089	CVEP-3.6 208V 3P 3.6KW	NS	050	A	$2083.00
087097	CVEP-3.6 240V 1P 3.6KW	ST	050	A	$2083.00
087100	CVEP-3.6 240V 3P 3.6KW	NS	050	A	$2083.00
087118	CVEP-3.6 277V 1P 3.6KW	NS	050	A	$2083.00
087126	CVEP-36-C-41-00-00 480V1P3.6KW	ST	050	A	$2083.00
087134	CVEP-3.6 480V 3P 3.6KW	NS	050	A	$2083.00
087142	CVEP-3.6 575V 1P 3.6KW	NS	050	A	$2083.00
086991	CVEP-4.0 208V 1P 4.0KW	NS	098	A	$2671.00
087003	CVEP-4.0 208V 3P 4.0KW	NS	098	A	$2671.00
087011	CVEP-4.0 240V 1P 4.0KW	NS	098	A	$2671.00
087020	CVEP-4.0 240V 3P 4.0KW	NS	098	A	$2671.00
087038	CVEP-4.0 277V 1P 4.0KW	NS	098	A	$2671.00
087046	CVEP-4.0 480V 1P 4.0KW	NS	098	A	$2671.00
087054	CVEP-4.0 480V 3P 4.0KW	NS	098	A	$2671.00
087062	CVEP-4.0 575V 1P 4.0KW	NS	098	A	$2671.00
085913	CVEP-C-76-81-00-00 7.6KW 208V	NS	098	A	$3258.00
085921	CVEP-C-76-83-00-00 7.6KW 208V	NS	098	A	$3258.00
085930	CVEP-C-76-21-00-00 7.6KW 240V	ST	098	A	$3258.00
085948	CVEP-C-76-23-00-00 7.6KW 240V	NS	098	A	$3258.00
085956	CVEP-C-76-71-00-00 7.6KW 277V	NS	098	A	$3258.00
085964	CVEP-C-76-41-00-00 7.6KW 480V	NS	098	A	$3258.00
085972	CVEP-C-76-43-00-00 7.6KW 480V	NS	098	A	$3258.00
085980	CVEP-C-76-61-00-00 7.6KW 575V	NS	098	A	$3258.00
087230	CVEP-9.0 208V 1P 9.0KW	NS	098	A	$3150.00
087249	CVEP-9.0 208V 3P 9.0KW	NS	098	A	$3150.00
087257	CVEP-9.0 240V 1P 9.0KW	NS	098	A	$3150.00
087265	CVEP-9.0 240V 3P 9.0KW	NS	098	A	$3150.00
087273	CVEP-9.0 277V 1P 9.0KW	NS	098	A	$3150.00
087281	CVEP-9.0 480V 1P 9.0KW	NS	098	A	$3150.00
087290	CVEP-9.0 480V 3P 9.0KW	NS	098	A	$3150.00
087302	CVEP-9.0 575V 1P 9.0KW	NS	098	A	$3150.00
CVEP HEATERS WITH CONTROL 248					
028839	CVEP-A-18C-110042 120V 1.8KW	ST	059	A	$2361.00
028847	CVEP-A-18C-810042 208V 1.8KW	ST	059	A	$2361.00
028855	CVEP-C-18-21-00-42 240V 1.8KW	NS	059	A	$2361.00
028863	CVEP-A-18C-710042 277V 1.8KW/T	NS	059	A	$2361.00
028871	CVEP-A-18C-410042 480V 1.8KW	NS	059	A	$3101.00
028644	CVEP-A-36-C-81 208V1P3.6KW W/T	ST	060	A	$2565.00
028660	CVEP-C-36-21-00-42 240V1P3.6KW	ST	060	A	$2565.00
028652	CVEP-A-36-C-41 480V1P3.6KW W/T	NS	070	A	$3305.00

CVEP Additional Features

1. Contactor	$727
2. Transformer and Contactor	$735
3. Thermostat Group D	$477
4. Thermostat Groups C & D	$477
6. Thermostat Groups B,C & D with Contactor and Transformer	$790
7. Fan Switch -	$839
8. Alternate 160°C, T3C Temperature Code -	$172

H CONVECTION HEATERS 242

261948	H-1801	120V	1.0KW	ST	028	A	$397.00
261956	H-1801	240V	1.0KW	NS	028	A	$397.00
262000	H-2405	120V	1.5KW	NS	030	A	$482.00
262019	H-2405	240V	1.5KW	ST	030	A	$482.00
262027	H-2405	480V	1.5KW	NS	030	A	$482.00
262060	H-2406	120V	2.0KW	ST	032	A	$537.00
262078	H-2406	240V	2.0KW	ST	032	A	$537.00
262086	H-2406	480V	2.0KW	ST	032	A	$537.00
262131	H-2407	240V	3.0KW	ST	032	A	$684.00
262140	H-2407	480V	3.0KW	ST	032	A	$695.00

V CONVECTION HEATERS 243

262254	V-2020	240V	2.0KW	NS	034	A	$513.00
262318	V-2030	240V	3.0KW	ST	034	A	$647.00
262326	V-2030	480V	3.0KW	NS	034	A	$647.00
262369	V-2040	120V	4.5KW	NS	044	A	$850.00
262377	V-2040	240V	4.5KW	NS	044	A	$850.00
262385	V-2040	480V	4.5KW	ST	044	A	$850.00

EH,HVT CONVECTION HEATERS 245

261833	EH-1221	120V	250W	ST	007	A	$375.00
261841	EH-1221	240V	250W	NS	007	A	$375.00
261850	EH-1251	120V	500W	ST	007	A	$409.00
261868	EH-1251	240V	500W	NS	007	A	$409.00
240055	HVT-1251	120V	500W	ST	013	A	$567.00
240071	HVT-2411	120V	1000W	ST	015	A	$605.00

HCH CONVECTION HEATERS 246

WITHOUT MANUAL RESET

330376	HCH-051 WO/MR 120V1P 0.500KW	NS	041	A	$829.00
330384	HCH-051 WO/MR 208V1P 0.500KW	NS	041	A	$829.00
330392	HCH-051 WO/MR 240V1P 0.500KW	NS	041	A	$829.00
330405	HCH-051 WO/MR 277V1P 0.500KW	NS	041	A	$829.00
330413	HCH-071 WO/MR 120V1P 0.750KW	NS	041	A	$922.00
330421	HCH-071 WO/MR 208V1P 0.750KW	NS	041	A	$922.00
330430	HCH-071 WO/MR 240V1P 0.750KW	NS	041	A	$922.00
330448	HCH-071 WO/MR 277V1P 0.750KW	NS	041	A	$922.00
330456	HCH-101 WO/MR 120V1P 1.000KW	NS	041	A	$994.00
330464	HCH-101 WO/MR 208V1P 1.000KW	NS	041	A	$994.00
330501	HCH-101 WO/MR 208V3P 1.000KW	NS	041	A	$1199.00
330472	HCH-101 WO-MR 240V1P 1.000KW	NS	041	A	$994.00
330510	HCH-101 WO/MR 240V3P 1.000KW	NS	041	A	$1199.00
330480	HCH-101 WO/MR 277V1P 1.000KW	NS	041	A	$994.00
330499	HCH-101 WO/MR 480V1P 1.000KW	NS	041	A	$1210.00
330528	HCH-101 WO/MR 480V3P 1.000KW	NS	041	A	$1330.00
330536	HCH-101 WO/MR 480V3P4W 1.000KW	NS	041	A	$1330.00
330544	HCH-151 WO/MR 120V1P 1.500KW	NS	041	A	$1055.00
330552	HCH-151 WO/MR 208V1P 1.500KW	NS	041	A	$1055.00
330595	HCH-151 WO/MR 208V3P 1.500KW	NS	041	A	$1255.00
330560	HCH-151 WO/MR 240V1P 1.500KW	NS	041	A	$1055.00
330608	HCH-151 WO/MR 240V3P 1.500KW	NS	041	A	$1255.00
330579	HCH-151 WO/MR 277V1P 1.500KW	NS	041	A	$1055.00
330587	HCH-151 WO/MR 480V1P 1.500KW	NS	041	A	$1276.00
330616	HCH-151 WO/MR 480V3P 1.500KW	NS	041	A	$1387.00
330659	HCH-151 WO/MR 480V3P4W 1.500KW	NS	041	A	$1387.00
330624	HCH-151 WO/MR 550V3P 1.500KW	NS	041	A	$1394.00
330632	HCH-151 WO/MR 575V3P 1.500KW	NS	041	A	$1394.00
330640	HCH-151 WO/MR 600V3P 1.500KW	NS	041	A	$1394.00
330667	HCH-201 WO/MR 120V1P 2.000KW	NS	041	A	$1164.00
330675	HCH-201 WO/MR 208V1P 2.000KW	NS	041	A	$1164.00
330712	HCH-201 WO/MR 208V3P 2.000KW	NS	041	A	$1275.00
330683	HCH-201 WO/MR 240V1P 2.000KW	NS	041	A	$1164.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
330720	HCH-201 WO/MR 240V3P 2.000KW	NS	041	A	$1275.00
330691	HCH-201 WO/MR 277V1P 2.000KW	NS	041	A	$1164.00
330704	HCH-201 WO/MR 480V1P 2.000KW	NS	041	A	$1387.00
330739	HCH-201 WO/MR 480V3P 2.000KW	NS	041	A	$1393.00
330771	HCH-201 WO/MR 480V3P4W 2.000KW	NS	041	A	$1393.00
330747	HCH-201 WO/MR 550V3P 2.000KW	NS	041	A	$1427.00
330755	HCH-201 WO/MR 575V3P 2.000KW	NS	041	A	$1427.00
330763	HCH-201 WO/MR 600V3P 2.000KW	NS	041	A	$1427.00
330780	HCH-251 WO/MR 120V1P 2.500KW	NS	057	A	$1173.00
330798	HCH-251 WO/MR 208V1P 2.500KW	NS	057	A	$1173.00
330800	HCH-251 WO/MR 240V1P 2.500KW	NS	057	A	$1173.00
330819	HCH-251 WO/MR 277V1P 2.500KW	NS	057	A	$1173.00
330827	HCH-251 WO/MR 480V1P 2.500KW	NS	057	A	$1387.00
330835	HCH-251 WO/MR 208V3P 2.500KW	NS	057	A	$1287.00
330843	HCH-251 WO/MR 240V3P 2.500KW	NS	057	A	$1287.00
330851	HCH-251 WO/MR 480V3P 2.500KW	NS	057	A	$1421.00
330894	HCH-251 WO/MR 480V3P4W 2.500KW	NS	057	A	$1421.00
330860	HCH-251 WO/MR 550V3P 2.500KW	NS	057	A	$1435.00
330878	HCH-251 WO/MR 575V3P 2.500KW	NS	057	A	$1435.00
330886	HCH-251 WO/MR 600V3P 2.500KW	NS	057	A	$1435.00
330907	HCH-301 WO/MR 208V1P 3.000KW	NS	057	A	$1206.00
330940	HCH-301 WO/MR 208V3P 3.000KW	NS	057	A	$1307.00
330915	HCH-301 WO/MR 240V1P 3.000KW	NS	057	A	$1206.00
330958	HCH-301 WO/MR 240V3P 3.000KW	NS	057	A	$1307.00
330923	HCH-301 WO/MR 277V1P 3.000KW	NS	057	A	$1206.00
330931	HCH-301 WO/MR 480V1P 3.000KW	NS	057	A	$1435.00
330966	HCH-301 WO/MR 480V3P 3.000KW	NS	057	A	$1446.00
330974	HCH-301 WO/MR 550V3P 3.000KW	NS	057	A	$1454.00
330982	HCH-301 WO/MR 575V3P 3.000KW	NS	057	A	$1454.00
330990	HCH-301 WO/MR 600V3P 3.000KW	NS	057	A	$1454.00
331002	HCH-301 WO/MR 480V3P4W 3.000KW	NS	057	A	$1446.00
331010	HCH-351 WO/MR 208V1P 3.500KW	NS	057	A	$1253.00
331029	HCH-351 WO/MR 240V1P 3.500KW	NS	057	A	$1253.00
331037	HCH-351 WO/MR 277V1P 3.500KW	NS	057	A	$1253.00
331045	HCH-351 WO/MR 480V1P 3.500KW	NS	057	A	$1475.00
331053	HCH-351 WO/MR 208V3P 3.500KW	NS	057	A	$1356.00
331061	HCH-351 WO/MR 240V3P 3.500KW	NS	057	A	$1356.00
331070	HCH-351 WO/MR 480V3P 3.500KW	NS	057	A	$1486.00
331088	HCH-351 WO/MR 550V3P 3.500KW	NS	057	A	$1503.00
331096	HCH-351 WO/MR 575V3P 3.500KW	NS	057	A	$1503.00
331109	HCH-351 WO/MR 600V3P 3.500KW	NS	057	A	$1503.00
331117	HCH-351 WO/MR 480V3P4W 3.500KW	NS	057	A	$1486.00
331125	HCH-401 WO/MR 208V1P 4.000KW	NS	070	A	$1307.00
331168	HCH-401 WO/MR 208V3P 4.000KW	NS	070	A	$1421.00
331133	HCH-401 WO/MR 240V1P 4.000KW	NS	070	A	$1307.00
331176	HCH-401 WO/MR 240V3P 4.000KW	NS	070	A	$1421.00
331141	HCH-401 WO/MR 277V1P 4.000KW	NS	070	A	$1307.00
331150	HCH-401 WO/MR 480V1P 4.000KW	NS	070	A	$1527.00
331184	HCH-401 WO/MR 480V3P 4.000KW	NS	070	A	$1543.00
331192	HCH-401 WO/MR 550V3P 4.000KW	NS	070	A	$1555.00
331205	HCH-401 WO/MR 575V3P 4.000KW	NS	070	A	$1555.00
331213	HCH-401 WO/MR 600V3P 4.000KW	NS	070	A	$1555.00
331221	HCH-401 WO/MR 480V3P4W 4.000KW	NS	070	A	$1542.00
331230	HCH-451 WO/MR 208V1P 4.500KW	NS	070	A	$1351.00
331248	HCH-451 WO/MR 240V1P 4.500KW	NS	070	A	$1351.00
331256	HCH-451 WO/MR 277V1P 4.500KW	NS	070	A	$1351.00
331264	HCH-451 WO/MR 480V1P 4.500KW	NS	070	A	$1570.00
331272	HCH-451 WO/MR 208V3P 4.500KW	NS	070	A	$1451.00
331280	HCH-451 WO/MR 240V3P 4.500KW	NS	070	A	$1451.00
331299	HCH-451 WO/MR 480V3P 4.500KW	NS	070	A	$1575.00
331336	HCH-451 WO/MR 480V3P4W 4.500KW	NS	070	A	$1575.00
331301	HCH-451 WO/MR 550V3P 4.500KW	NS	070	A	$1597.00
331310	HCH-451 WO/MR 575V3P 4.500KW	NS	070	A	$1597.00
331328	HCH-451 WO/MR 600V3P 4.500KW	NS	070	A	$1597.00
331344	HCH-501 WO/MR 208V1P 5.000KW	NS	070	A	$1393.00
331387	HCH-501 WO/MR 208V3P 5.000KW	NS	070	A	$1503.00
331352	HCH-501 WO/MR 240V1P 5.000KW	NS	070	A	$1393.00
331395	HCH-501 WO/MR 240V3P 5.000KW	NS	070	A	$1503.00
331360	HCH-501 WO/MR 277V1P 5.000KW	NS	070	A	$1393.00
331379	HCH-501 WO/MR 480V1P 5.000KW	NS	070	A	$1624.00
331408	HCH-501 WO/MR 480V3P 5.000KW	NS	070	A	$1631.00
331440	HCH-501 WO/MR 480V3P4W 5.000KW	NS	070	A	$1631.00
331416	HCH-501 WO/MR 550V3P 5.000KW	NS	070	A	$1653.00
331424	HCH-501 WO/MR 575V3P 5.000KW	NS	070	A	$1653.00
331432	HCH-501 WO/MR 600V3P 5.000KW	NS	070	A	$1653.00
WITH MANUAL RESET					
331459	HCH-051M W/MR 120V1P 0.500KW	NS	041	A	$895.00
331467	HCH-051M W/MR 208V1P 0.500KW	NS	041	A	$895.00
331475	HCH-051M W/MR 240V1P 0.500KW	NS	041	A	$895.00
331483	HCH-051M W/MR 277V1P 0.500KW	NS	041	A	$895.00
331491	HCH-071M W/MR 120V1P 0.750KW	NS	041	A	$983.00
331504	HCH-071M W/MR 208V1P 0.750KW	NS	041	A	$983.00
331512	HCH-071M W/MR 240V1P 0.750KW	NS	041	A	$983.00
331520	HCH-071M W/MR 277V1P 0.750KW	NS	041	A	$983.00
331539	HCH-101M W/MR 120V1P 1.000KW	NS	041	A	$1056.00
331547	HCH-101M W/MR 208V1P 1.000KW	NS	041	A	$1056.00
331580	HCH-101M W/MR 208V3P 1.000KW	NS	041	A	$1260.00
331555	HCH-101M W/MR 240V1P 1.000KW	NS	041	A	$1056.00
331598	HCH-101M W/MR 240V3P 1.000KW	NS	041	A	$1260.00
331563	HCH-101M W/MR 277V1P 1.000KW	NS	041	A	$1056.00
331571	HCH-101M W/MR 480V1P 1.000KW	NS	041	A	$1284.00
331600	HCH-101M W/MR 480V3P 1.000KW	NS	041	A	$1387.00
331619	HCH-101M W/MR 480V3P4W 1.000KW	NS	041	A	$1387.00
331627	HCH-151M W/MR 120V1P 1.500KW	NS	041	A	$1121.00
331635	HCH-151M W/MR 208V1P 1.500KW	NS	041	A	$1121.00
331678	HCH-151M W/MR 208V3P 1.500KW	NS	041	A	$1330.00
331643	HCH-151M W/MR 240V1P 1.500KW	NS	041	A	$1121.00
331686	HCH-151M W/MR 240V3P 1.500KW	NS	041	A	$1330.00
331651	HCH-151M W/MR 277V1P 1.500KW	NS	041	A	$1121.00
331661	HCH-151M W/MR 480V1P 1.500KW	NS	041	A	$1348.00
331694	HCH-151M W/MR 480V3P 1.500KW	NS	041	A	$1451.00
331731	HCH-151M W/MR 480V3P4W 1.500KW	NS	041	A	$1419.00
331707	HCH-151M W/MR 550V3P 1.500KW	NS	041	A	$1476.00
331715	HCH-151M W/MR 575V3P 1.500KW	NS	041	A	$1476.00
331723	HCH-151M W/MR 600V3P 1.500KW	NS	041	A	$1476.00
331740	HCH-201M W/MR 120V1P 2.000KW	NS	041	A	$1242.00
331758	HCH-201M W/MR 208V1P 2.000KW	NS	041	A	$1242.00
331790	HCH-201M W/MR 208V3P 2.000KW	NS	041	A	$1334.00
331766	HCH-201M W/MR 240V1P 2.000KW	NS	041	A	$1242.00
331803	HCH-201M W/MR 240V3P 2.000KW	NS	041	A	$1334.00
331774	HCH-201M W/MR 277V1P 2.000KW	NS	041	A	$1242.00
331782	HCH-201M W/MR 480V1P 2.000KW	NS	041	A	$1451.00
331811	HCH-201M W/MR 480V3P 2.000KW	NS	041	A	$1475.00
331854	HCH-201M W/MR 480V3P4W 2.000KW	NS	041	A	$1475.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
331820	HCH-201M W/MR 550V3P 2.000KW	NS	041	A	$1486.00
331838	HCH-201M W/MR 575V3P 2.000KW	NS	041	A	$1486.00
331846	HCH-201M W/MR 600V3P 2.000KW	NS	041	A	$1486.00
331862	HCH-251M W/MR 120V1P 2.500KW	NS	041	A	$1260.00
331870	HCH-251M W/MR 208V1P 2.500KW	NS	041	A	$1260.00
331918	HCH-251M W/MR 208V3P 2.500KW	NS	057	A	$1367.00
331889	HCH-251M W/MR 240V1P 2.500KW	NS	041	A	$1260.00
331926	HCH-251M W/MR 240V3P 2.500KW	NS	057	A	$1367.00
331897	HCH-251M W/MR 277V1P 2.500KW	NS	057	A	$1260.00
331900	HCH-251M W/MR 480V1P 2.500KW	NS	057	A	$1484.00
331934	HCH-251M W/MR 480V3P 2.500KW	NS	057	A	$1498.00
331977	HCH-251M W/MR 480V3P4W 2.500KW	NS	057	A	$1498.00
331942	HCH-251M W/MR 550V3P 2.500KW	NS	057	A	$1508.00
331950	HCH-251M W/MR 575V3P 2.500KW	NS	057	A	$1508.00
331969	HCH-251M W/MR 600V3P 2.500KW	NS	057	A	$1508.00
331985	HCH-301M W/MR 208V1P 3.000KW	NS	057	A	$1295.00
332021	HCH-301M W/MR 208V3P 3.000KW	NS	057	A	$1389.00
331993	HCH-301M W/MR 240V1P 3.000KW	NS	057	A	$1295.00
332030	HCH-301M W/MR 240V3P 3.000KW	NS	057	A	$1389.00
332005	HCH-301M W/MR 277V1P 3.000KW	NS	057	A	$1295.00
332013	HCH-301M W/MR 480V1P 3.000KW	NS	057	A	$1508.00
332048	HCH-301M W/MR 480V3P 3.000KW	NS	057	A	$1527.00
332080	HCH-301M W/MR 480V3P4W 3.000KW	NS	057	A	$1527.00
332056	HCH-301M W/MR 550V3P 3.000KW	NS	057	A	$1547.00
332064	HCH-301M W/MR 575V3P 3.000KW	NS	057	A	$1547.00
332072	HCH-301M W/MR 600V3P 3.000KW	NS	057	A	$1547.00
332099	HCH-351M W/MR 208V1P 3.500KW	NS	057	A	$1332.00
332136	HCH-351M W/MR 208V3P 3.500KW	NS	057	A	$1438.00
332101	HCH-351M W/MR 240V1P 3.500KW	NS	057	A	$1332.00
332144	HCH-351M W/MR 240V3P 3.500KW	NS	057	A	$1438.00
332110	HCH-351M W/MR 277V1P 3.500KW	NS	057	A	$1332.00
332128	HCH-351M W/MR 480V1P 3.500KW	NS	057	A	$1553.00
332152	HCH-351M W/MR 480V3P 3.500KW	NS	057	A	$1461.00
332195	HCH-351M W/MR 480V3P4W 3.500KW	NS	057	A	$1507.00
332160	HCH-351M W/MR 550V3P 3.500KW	NS	057	A	$1583.00
332179	HCH-351M W/MR 575V3P 3.500KW	NS	057	A	$1583.00
332187	HCH-351M W/MR 600V3P 3.500KW	NS	057	A	$1583.00
332208	HCH-401M W/MR 208V1P 4.000KW	NS	070	A	$1415.00
332240	HCH-401M W/MR 208V3P 4.000KW	NS	070	A	$1508.00
332216	HCH-401M W/MR 240V1P 4.000KW	NS	070	A	$1415.00
332259	HCH-401M W/MR 240V3P 4.000KW	NS	070	A	$1508.00
332224	HCH-401M W/MR 277V1P 4.000KW	NS	070	A	$1415.00
332232	HCH-401M W/MR 480V1P 4.000KW	NS	070	A	$1630.00
332267	HCH-401M W/MR 480V3P 4.000KW	NS	070	A	$1635.00
332304	HCH-401M W/MR 480V3P4W 4.000KW	NS	070	A	$1635.00
332275	HCH-401M W/MR 550V3P 4.000KW	NS	070	A	$1655.00
332283	HCH-401M W/MR 575V3P 4.000KW	NS	070	A	$1655.00
332291	HCH-401M W/MR 600V3P 4.000KW	NS	070	A	$1655.00
332312	HCH-451M W/MR 208V1P 4.500KW	NS	070	A	$1448.00
332355	HCH-451M W/MR 208V3P 4.500KW	NS	070	A	$1551.00
332320	HCH-451M W/MR 240V1P 4.500KW	NS	070	A	$1448.00
332363	HCH-451M W/MR 240V3P 4.500KW	NS	070	A	$1551.00
332339	HCH-451M W/MR 277V1P 4.500KW	NS	070	A	$1448.00
332347	HCH-451M W/MR 480V1P 4.500KW	NS	070	A	$1667.00
332371	HCH-451M W/MR 480V3P 4.500KW	NS	070	A	$1675.00
332419	HCH-451M W/MR 480V3P4W 4.500KW	NS	070	A	$1675.00
332380	HCH-451M W/MR 550V3P 4.500KW	NS	070	A	$1700.00
332398	HCH-451M W/MR 575V3P 4.500KW	NS	070	A	$1700.00
332400	HCH-451M W/MR 600V3P 4.500KW	NS	070	A	$1700.00
332427	HCH-501M W/MR 208V1P 5.000KW	NS	070	A	$1503.00
332460	HCH-501M W/MR 208V3P 5.000KW	NS	070	A	$1608.00
332435	HCH-501M W/MR 240V1P 5.000KW	NS	070	A	$1503.00
332478	HCH-501M W/MR 240V3P 5.000KW	NS	070	A	$1475.00
332443	HCH-501M W/MR 277V1P 5.000KW	NS	070	A	$1503.00
332451	HCH-501M W/MR 480V1P 5.000KW	NS	070	A	$1728.00
332486	HCH-501M W/MR 480V3P 5.000KW	NS	070	A	$1737.00
332523	HCH-501M W/MR 480V3P4W 5.000KW	NS	070	A	$1737.00
332494	HCH-501M W/MR 550V3P 5.000KW	NS	070	A	$1751.00
332507	HCH-501M W/MR 575V3P 5.000KW	NS	070	A	$1684.00
332515	HCH-501M W/MR 600V3P 5.000KW	NS	070	A	$1751.00

STAR-14/06 RADIANT HEATERS 255

341163	STAR-06A-83-P 208V 6kW	NS	026	A	$769.00
341171	STAR-06A-23-P 240V 6kW	ST	026	A	$769.00
341180	STAR-06A-71-P 277V 6kW	NS	026	A	$769.00
341198	STAR-06A-43-P 480V 6kW	ST	026	A	$769.00
341200	STAR-06A-63-P 600V 6kW	NS	026	A	$769.00
341219	STAR-14A-83-P 208V 13.5kW	ST	044	A	$1180.00
341227	STAR-14A-23-P 240V 13.5kW	NS	044	A	$1180.00
341235	STAR-14A-71-P 277V 13.5kW	NS	044	A	$1180.00
341243	STAR-14A-43-P 480V 13.5kW	ST	044	A	$1180.00
341251	STAR-14A-63-P 600V 13.5kW	NS	044	A	$1180.00
341219	STAR-14A-83-P 208V 3P 13.5KW	ST	059	A	$1180.00
341227	STAR-14A-23-P 240V 3P 13.5KW	NS	059	A	$1180.00
341235	STAR-14A-71-P 277V 1P 13.5KW	NS	059	A	$1180.00
341243	STAR-14A-43-P 480V 3P 13.5KW	ST	059	A	$1180.00
340232	STAR-14A-83-F 208V 3P 13.5KW	NS	045	A	$974.00
340240	STAR-14A-23-F 240V 3P 13.5KW	ST	045	A	$974.00
340259	STAR-14A-71-F 277V 1P 13.5KW	NS	045	A	$974.00
340267	STAR-14A-43-F 480V 3P 13.5KW	ST	045	A	$974.00
340275	STAR-14A-63-F 600V 3P 13.5KW	NS	045	A	$974.00
341163	STAR-06A-83-P 208V 3P 6KW	NS	040	A	$769.00
341171	STAR-06A-23-P 240V 3P 6KW	ST	040	A	$769.00
341180	STAR-06A-71-P 277V 1P 6KW	NS	040	A	$769.00
341198	STAR-06A-43-P 480V 3P 6KW	ST	040	A	$769.00
340339	STAR-06A-83-F 208V 3P 6KW	NS	028	A	$692.00
340347	STAR-06A-23-F 240V 3P 6KW	ST	028	A	$692.00
340355	STAR-06A-71-F 277V 1P 6KW	NS	028	A	$692.00
340363	STAR-06A-43-F 480V 3P 6KW	ST	028	A	$692.00
340371	STAR-06A-63-F 600V 3P 6KW	NS	028	A	$692.00

STAR-05/02 RADIANT HEATERS 260

340380	STAR-05A-81-P 208V 1P 4.5KW	NS	025	A	$544.00
340398	STAR-05A-21-P 240V 1P 4.5KW	NS	025	A	$544.00
340400	STAR-05A-71-P 277V 1P 4.5KW	NS	025	A	$544.00
340419	STAR-05A-41-P 480V 1P 4.5KW	NS	025	A	$544.00
340427	STAR-05A-61-P 600V 1P 4.5KW	NS	025	A	$544.00
340486	STAR-02A-11-PC 120V 1P 1.5KW	ST	015	A	$428.00
340494	STAR-02A-81-P 208V 1P 2KW	NS	015	A	$384.00
340507	STAR-02A-21-P 240V 1P 2KW	NS	015	A	$384.00
340515	STAR-02A-71-P 277V 1P 2KW	NS	015	A	$384.00
340523	STAR-02A-41-P 480V 1P 2KW	NS	015	A	$384.00
340531	STAR-02A-61-P 600V 1P 2KW	NS	015	A	$384.00

STAR-05/02 CEIL MOUNT RADIANT 261

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PCN	DESCRIPTION	SS	WT	D	PRICE
340435	STAR-05A-81-F 208V 1P 4.5KW	NS	023	A	$492.00
340443	STAR-05A-21-F 240V 1P 4.5KW	NS	023	A	$492.00
340451	STAR-05A-71-F 277V 1P 4.5KW	NS	023	A	$496.00
340460	STAR-05A-41-F 480V 1P 4.5KW	ST	023	A	$496.00
340478	STAR-05A-61-F 600V 1P 4.5KW	NS	023	A	$496.00
340540	STAR-02-11-F 120V 1P 2KW	NS	014	A	$398.00
340558	STAR-02A-81-F 208V 1P 2KW	ST	014	A	$398.00
340566	STAR-02A-21-F 240V 1P 2KW	ST	014	A	$398.00
340574	STAR-02A-71-F 277V 1P 2KW	NS	014	A	$398.00
340582	STAR-02A-41-F 480V 1P 2KW	ST	014	A	$398.00
340590	STAR-02A-61-F 600V 1P 2KW	NS	014	A	$398.00
STAR Radiant Accessories					
340849	START-14A CART CART KIT	ST	008	A	$492.00
340830	STAR-06A CART CART KIT	NS	008	A	$218.00
340638	GR-6KW GRILL KIT	NS	005	A	$67.50
340857	GR-14KW GRILL KIT	NS	005	A	$158.00
340654	STAR-HK HANGING KIT	ST	002	A	$28.75
340662	D5-50600 DISCONNECT KIT	NS	003	A	$400.00
340726	STAR-TG-8 208V T/0 GND FLT	NS	016	A	$973.00
340734	STAR-TG-2 240V T/0 GND FLT	NS	016	A	$973.00
340742	STAR-TG-7 277V T/O GND FLT	NS	016	A	$973.00
340750	STAR-TG-4 480V T/O GND FLT	NS	016	A	$973.00
340769	STAR-TG-6 600V T/O GND FLT	NS	016	A	$973.00
340777	STAR-GF-8 208V WALL GD FLT	NS	016	A	$867.00
340785	STAR-GF-2 240V WALL GD FLT	NS	016	A	$867.00
340793	STAR-GF-7 277V WALL GD FLT	NS	016	A	$867.00
340806	STAR-GF-4 480V WALL GD FLT	NS	016	A	$867.00
340814	STAR-GF-6 600V WALL GD FLT	NS	016	A	$867.00
STAR REPLACEMENT ELEMENTS 256					
106059	UTU-STAR 21 120V 1.8KW	NS	002	A	$112.00
106091	UTU-STAR 24 480 V 2 KW	NS	003	A	$112.00
106067	UTU-STAR 28 208V 2KW	NS	003	A	$112.00
106075	UTU-STAR 22 240V 2KW	NS	003	A	$112.00
106083	UTU-STAR 27 277V 2KW	NS	003	A	$112.00
106104	UTU-STAR 26	NS	003	A	$112.00
106403	UTU-STAR 48 208V 4.5KW	NS	004	A	$167.00
106411	UTU-STAR 42 208V 4.5KW	NS	004	A	$167.00
106796	UTU-STAR 47 277V 4.5 KW	NS	004	A	$167.00
106964	UTU-STAR 44	NS	004	A	$167.00
106972	UTU-STAR 46 600V 4.5 KW	NS	004	A	$167.00
AITKEN REPLACEMENT ELEMENTS					
106016	UTUA-224LT 240 V 2 KW	ST	002	A	$110.00
106024	UTUA-248LT 480 V 2 KW	ST	002	A	$110.00
106032	UTUA-424LT 240 V 4.5 KW	ST	003	A	$165.00
106040	UTUA-448LT 480 V 4.5 KW	ST	003	A	$165.00
HD3D CORROSION RESIST 273					
520014	HD3D-200 120V 1PH 2.0KW	NS	045	A	$1720.00
520022	HD3D-200 208V 1PH 2.0KW	NS	045	A	$1720.00
520030	HD3D-200 240V 1PH 2.0KW	NS	045	A	$1720.00
520049	HD3D-200 277V 1PH 2.0KW	NS	045	A	$1720.00
520057	HD3D-300 120V 1PH 3.0KW	NS	045	A	$1720.00
520065	HD3D-300 208V 1PH 3.0KW	NS	045	A	$1720.00
520073	HD3D-300 240V 1PH 3.0KW	NS	045	A	$1720.00
520081	HD3D-300 277V 1PH 3.0KW	NS	045	A	$1720.00
520090	HD3D-500 208V 1PH 5.0KW	NS	050	A	$1758.00
520102	HD3D-500 240V 1PH 5.0KW	NS	050	A	$1758.00

PCN	DESCRIPTION	SS	WT	D	PRICE
520110	HD3D-500 277V 1PH 5.0KW	NS	050	A	$1758.00
520129	HD3D-500 480V 1PH 5.0KW	NS	050	A	$1758.00
520137	HD3D-500 208V 3PH 5.0KW	NS	050	A	$1758.00
520145	HD3D-500 240V 3PH 5.0KW	NS	050	A	$1758.00
520153	HD3D-500 480V 3PH 5.0KW	ST	050	A	$1758.00
520161	HD3D-500TSP 480V 3PH 5.0KW	ST	050	A	$2170.00
520170	HD3D-500 575V 3PH 5.0KW	NS	050	A	$1758.00
520188	HD3D-750 208V 1PH 7.5KW	NS	050	A	$1869.00
520196	HD3D-750 240V 1PH 7.5KW	NS	050	A	$1869.00
520209	HD3D-750 277V 1PH 7.5KW	NS	050	A	$1869.00
520217	HD3D-750 480V 1PH 7.5KW	NS	050	A	$1869.00
520225	HD3D-750 208V 3PH 7.5KW	NS	050	A	$1869.00
520233	HD3D-750 240V 3PH 7.5KW	NS	050	A	$1869.00
520241	HD3D-750 480V 3PH 7.5KW	ST	050	A	$1869.00
520250	HD3D-750TSP 480V 3PH 7.5KW	ST	050	A	$2281.00
520268	HD3D-750 575V 3PH 7.5KW	NS	050	A	$1869.00
520276	HD3D-1000 240V 1PH 10.0KW	NS	060	A	$2038.00
520284	HD3D-1000 277V 1PH 10.0KW	NS	060	A	$2038.00
520292	HD3D-1000 480V 1PH 10.0KW	NS	060	A	$2038.00
520305	HD3D-1000 208V 3PH 10.0KW	NS	060	A	$2038.00
520313	HD3D-1000 240V 3PH 10.0KW	NS	060	A	$2038.00
520321	HD3D-1000 480V 3PH 10.0KW	ST	060	A	$2038.00
520330	HD3D-1000TSP 480V 3PH 10.0KW	ST	060	A	$2450.00
520348	HD3D-1000 575V 3PH 10.0KW	NS	060	A	$2038.00
520356	HD3D-1250 277V 1PH 12.5KW	NS	060	A	$2241.00
520364	HD3D-1250 480V 1PH 12.5KW	NS	060	A	$2241.00
520372	HD3D-1250 208V 3PH 12.5KW	NS	060	A	$2241.00
520380	HD3D-1250 240V 3PH 12.5KW	NS	060	A	$2241.00
520399	HD3D-1250 480V 3PH 12.5KW	NS	060	A	$2241.00
520401	HD3D-1250 575V 3PH 12.5KW	NS	060	A	$2241.00
520410	HD3D-1500 480V 1PH 15.0KW	NS	060	A	$2512.00
520428	HD3D-1500 208V 3PH 15.0KW	NS	060	A	$2512.00
520436	HD3D-1500 240V 3PH 15.0KW	NS	060	A	$2512.00
520444	HD3D-1500 480V 3PH 15.0KW	ST	060	A	$2512.00
520452	HD3D-1500TSP 480V 3PH 15.0KW	ST	060	A	$2924.00
520460	HD3D-1500 575V 3PH 15.0KW	NS	060	A	$2512.00
520479	HD3D-2000 240V 3PH 19.5KW	NS	060	A	$2582.00
520487	HD3D-2000 480V 1PH 20.0KW	NS	060	A	$2582.00
520495	HD3D-2000 480V 3PH 20.0KW	ST	060	A	$2582.00
520508	HD3D-2000TSP 480V 3PH 20KW	ST	060	A	$2994.00
520516	HD3D-2000 575V 3PH 20.0KW	NS	060	A	$2582.00
520524	HD3D-2500 480V 3PH 25.0KW	ST	080	A	$3429.00
520532	HD3D-2500 575V 3PH 25.0KW	NS	080	A	$3429.00
520540	HD3D-3000 480V 3PH 30.0KW	ST	080	A	$3654.00
520559	HD3D-3000 575V 3PH 30.0KW	NS	080	A	$3654.00
520567	HD3D-3500 480V 3PH 35.0KW	NS	080	A	$3808.00
520575	HD3D-3500 575V 3PH 35.0KW	NS	080	A	$3808.00
520583	HD3D-4000 480V 3PH 39KW	ST	080	A	$3895.00
520591	HD3D-4000 575V 3PH 39KW	NS	080	A	$3977.00
HD3D ACCESSORIES					
520604	USB-1: UNIVERSAL BRACKET 2 - 7.5KW	ST	010	A	$196.00
520612	USB-2:UNIVERSAL BRACKET 10 - 20KW	ST	010	A	$200.00
520620	USB-3:UNIVERSAL BRACKET 25 - 40KW	ST	010	A	$203.00
520639	HD3DS-1:DRIP SHIELD 2 - 7.5KW	ST	005	A	$49.00
520647	HD3DS-2:DRIP SHIELD 10 - 20KW	ST	005	A	$54.00
520655	HD3DS-3:DRIP SHIELD 25 - 405KW	ST	005	A	$100.00
520663	DS-50HD:50 AMP DISCONNECT SWITCH	ST	015	A	$459.00

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PCN	DESCRIPTION	SS	WT	D	PRICE

Factory Installed Features (Add to Base List Price)

1. Thermostat -	$122
2. On Pilot Light -	$121
3. Selector Switch -	$165
4. Disconnect -	$464
5. Manual Reset Cutout -	$175
6. Epoxy Paint Case -	$436
7. 24 Volt Control -	$84
8. Heater On Pilot Light	$126
9. Monel Elements (Add to list base price)	20%

HVH HOR/VERT UNIT HTRS 231

PCN	DESCRIPTION	SS	WT	D	PRICE
219109	HVH-02-21-00 208/240V 1PH 2/2.6KW	ST	032	A	$435.00
219117	HVH-02-71-00 277V 1PH 2.6KW	ST	032	A	$435.00
219096	HVH-02-81-00 208V 1PH 2.6KW	ST	032	A	$435.00
219141	HVH-04-21-00 208/240V 1PH 3/4KW	ST	032	A	$510.00
219150	HVH-04-23-34 208/240V 3PH 3/4KW	ST	032	A	$583.00
219176	HVH-04-43-30 480V 3PH 4.0KW	ST	032	A	$583.00
219168	HVH-04-71-00 277V 1PH 4.0KW	ST	032	A	$510.00
219125	HVH-04-81-00 208V 1PH 4.0KW	ST	032	A	$510.00
219133	HVH-04-83-34 208V 3PH 4.0KW	ST	032	A	$583.00
219205	HVH-05-21-00 208/240V 1PH 3.7/5KW	ST	032	A	$547.00
219213	HVH-05-23-34 208/240V 3PH 3.7/5KW	ST	032	A	$620.00
219230	HVH-05-43-30 480V 3PH 5.0KW	ST	032	A	$620.00
219221	HVH-05-71-00 277V 1PH 5.OKW	ST	032	A	$547.00
219184	HVH-05-81-00 208V 1PH 5.0KW	ST	032	A	$547.00
219192	HVH-05-83-34 208V 3PH 5.0KW	ST	032	A	$620.00
219264	HVH-07-21-34 208/240V 1PH 5.6/7KW	ST	050	A	$750.00
219272	HVH-07-23-34 208/240V 3PH 5.6/7KW	ST	050	A	$750.00
219299	HVH-07-43-30 480V 3PH 7.5KW	ST	050	A	$750.00
219280	HVH-07-71-30 277V 1PH 7.5KW	NS	050	A	$750.00
219248	HVH-07-81-34 208V 1PH 7.5KW	ST	050	A	$750.00
219256	HVH-07-83-34 208V 3PH 7.5KW	ST	050	A	$750.00
219328	HVH-10-21-34 208/240V 1PH 7.5/10KW	ST	050	A	$880.00
219336	HVH-10-23-34 208/240V 3PH 7.5/10KW	ST	050	A	$880.00
219344	HVH-10-43-30 480V 3PH 10KW	ST	050	A	$880.00
219301	HVH-10-81-34 208V 1PH 9.7KW	NS	050	A	$880.00
219310	HVH-10-83-34 208V 3PH 9.7KW	ST	050	A	$880.00
219360	HVH-12-23-34 208/240V 3PH 9.4/12.5KW	ST	050	A	$1010.00
219379	HVH-12-43-30 480V 3PH 12.5KW	ST	050	A	$1010.00
219352	HVH-12-83-34 208V 3PH 12.5KW	NS	050	A	$1010.00
219395	HVH-15-23-34 208/240V 3PH 11.24/15KW	ST	050	A	$1140.00
219408	HVH-15-43-30 480V 3PH 15KW	ST	050	A	$1140.00
219387	HVH-15-83-34 208V 3PH 15KW	NS	050	A	$1140.00
219563	HVH-20-23-30 208/240V 3PH 14.7/19.8KW	NS	050	A	$1322.00
219571	HVH-20-43-30 480V 3PH 19.8KW	ST	050	A	$1322.00
219580	HVH-20-63-30 600V 3PH 20.1KW	NS	050	A	$1542.00
219598	HVH-25-23-30 208/240V 3PH 18.7/24.9KW	NS	050	A	$1720.00
219600	HVH-25-43-30 480V 3PH 25.0KW	ST	050	A	$1720.00
219619	HVH-25-63-30 600V 3PH 25.0KW	NS	050	A	$1940.00
219627	HVH-30-23-30 208/240V 3PH 22.4/29.9KW	NS	075	A	$2058.00
219635	HVH-30-43-30 480V 3PH 30.0KW	NS	075	A	$2058.00
219643	HVH-30-63-30 600V 3PH 30.0KW	NS	075	A	$2278.00
219651	HVH-35-23-30 208/240V 3PH 25.6/34.0KW	NS	075	A	$2397.00
219660	HVH-35-43-30 480V 3PH 34.0KW	NS	075	A	$2397.00
219678	HVH-35-63-30 600V 3PH 34.2KW	NS	075	A	$2617.00
219686	HVH-40-23-30 208/240V 3PH 28.1/37.4KW	NS	075	A	$2734.00
219694	HVH-40-43-30 480V 3PH 37.4KW	ST	075	A	$2734.00
219707	HVH-40-63-30 600V 3PH 37.5KW	NS	075	A	$2954.00
219715	HVH-45-23-30 208/240V 3PH 33.7/44.8KW	NS	075	A	$3073.00
219723	HVH-45-43-30 480V 3PH 44.8KW	NS	075	A	$3073.00
219731	HVH-45-63-30 600V 3PH 45.2KW	NS	075	A	$3293.00
219740	HVH-50-23-30 208/240V 3PH 38.4/51.1KW	NS	075	A	$3411.00
219758	HVH-50-43-30 480V 3PH 51.1KW	NS	075	A	$3411.00
219766	HVH-50-63-30 600V 3PH 51.3KW	NS	075	A	$3631.00

HVH ACCESSORIES

PCN	DESCRIPTION	SS	WT	D	PRICE
219459	HVS-1	ST	001	A	$69.00
219467	HVS-2	NS	001	A	$77.00
219774	HVS-3	NS	001	A	$94.00
219416	HVW-1	ST	010	A	$97.00
219424	HVW-2	ST	010	A	$118.00
219782	HVW-3	ST	010	A	$118.00
219820	HVW-4	NS	010	A	$135.00
219491	HDS-1	ST	010	A	$161.00
219790	HDS-2	ST	015	A	$261.00
219803	HDS-3	ST	015	A	$324.00
219432	HVC-1	ST	020	A	$41.00
219440	HVC-2	ST	020	A	$92.00
219811	HVC-3	ST	020	A	$92.00
219838	HVC-4	NS	020		$159.00
219504	HVF-01 FAN SWITCH (NO RELAY)	ST	000	A	$108.00
219512	HVF-02 FAN SWITCH (24V RELAY)	NS	000	A	$108.00
219520	HVF-03 FAN SWITCH (120V RELAY)	NS	000	A	$108.00
219475	HVH TK-5	ST	000	A	$81.00

Factory Installed Features (Add to Base List Price)

Except for brackets all accessories can be factory installed. Add kit price to base for factory installation.

LUH UNIT HEATERS 274

PCN	DESCRIPTION	SS	WT	D	PRICE
303001	LUH-D-02-81-34-00 208V1P 2.6KW	ST	032	A	$675.00
303010	LUH-D-02-21-34-00 240V1P 2.6KW	ST	032	A	$675.00
303028	LUH-D-02-71-35-00 277V1P 2.6KW	ST	032	A	$675.00
303036	LUH-D-04-81-34-00 208V 1P 4KW	ST	032	A	$711.00
303044	LUH-D-04-83-34-00 208V 3P 4KW	ST	032	A	$711.00
303052	LUH-D-04-21-34-00 240V 1P 4KW	ST	032	A	$796.00
303060	LUH-D-04-23-34-00 240V 3P 4KW	ST	032	A	$711.00
303079	LUH-D-04-71-35-00 277V 1P 4KW	ST	032	A	$711.00
303087	LUH-D-04-43-32-00 480V 3P 4KW	ST	032	A	$763.00
303095	LUH-D-05-81-34-00 208V 1P 5KW	ST	032	A	$927.00
303108	LUH-D-05-83-34-00 208V 3P 5KW	ST	032	A	$927.00
303116	LUH-D-05-21-34-00 240V 1P 5KW	ST	032	A	$927.00
303124	LUH-D-05-23-34-00 240V 3P 5KW	NS	032	A	$927.00
303132	LUH-D-05-71-35-00 277V 1P 5KW	NS	032	A	$927.00
303140	LUH-D-05-43-32-00 480V 3P 5KW	ST	032	A	$979.00
303159	LUH-D-07-81-34-00 208V1P 7.5KW	NS	050	A	$1093.00
303167	LUH-D-07-83-34-00 208V3P 7.5KW	ST	050	A	$1093.00
303175	LUH-D-07-21-34-00 240V1P 7.5KW	ST	050	A	$1093.00
303183	LUH-D-07-23-34-00 240V3P 7.5KW	NS	050	A	$1093.00
303191	LUH-D-07-71-35-00 277V1P 7.5KW	NS	050	A	$1093.00
303204	LUH-D-07-43-32-00 480V3P 7.5KW	ST	050	A	$1145.00
303212	LUH-D-10-81-34-00 208V 1P 10KW	NS	050	A	$1144.00
303220	LUH-D-10-83-34-00 208V 3P 10KW	ST	050	A	$1144.00
303239	LUH-D-10-21-34-00 240V 1P 10KW	ST	050	A	$1144.00
303247	LUH-D-10-23-34-00 240V 3P 10KW	NS	050	A	$1144.00
303255	LUH-D-10-43-32-00 480V 3P 10KW	ST	050	A	$1196.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
303263	LUH-D-12-83-34-00 208V 3P 12.5	NS	050	A	$1413.00
303271	LUH-D-12-23-34-00 240V3P12.5KW	NS	050	A	$1413.00
303280	LUH-D-12-43-32-00 480V3P12.5KW	ST	050	A	$1465.00
303298	LUH-D-15-83-34-00 208V 3P 15KW	NS	050	A	$1892.00
303300	LUH-D-15-23-34-00 240V 3P 15KW	NS	050	A	$1892.00
303319	LUH-D-15-43-32-00 480V 3P 15KW	ST	050	A	$1944.00
303327	LUH-D-20-23-34-00 240V 3P 20KW	NS	073	A	$2394.00
303335	LUH-D-20-43-32-00 480V 3P 20KW	ST	073	A	$2446.00
303343	LUH-D-25-43-32-00 480V 3P 25KW	ST	073	A	$2805.00
303351	LUH-D-30-83-34-00 208V 3P 30KW	NS	106	A	$3056.00
303360	LUH-D-30-23-34-00 240V 3P 30KW	NS	106	A	$3056.00
303378	LUH-D-30-43-32-00 480V 3P 30KW	ST	106	A	$3108.00
303386	LUH-D-35-23-34-00 240V 3P 35KW	NS	106	A	$3582.00
303394	LUH-D-35-43-32-00 480V 3P 35KW	ST	106	A	$3634.00
303415	LUH-D-40-43-32-00 480V 3P 40KW	ST	106	A	$4378.00
303423	LUH-D-45-43-32-00 480V 3P 45KW	ST	106	A	$4799.00
LUH ACCESSORIES					
303474	WUH-01A WALL BRKT 2- 5KW	ST	000	A	$78.00
300484	WUH-02 WALL BRKT 7-25KW	ST	000	A	$103.00
300492	WUH-03 WALL BRKT 30-45KW	ST	000	A	$172.00
301129	LUH-TK-1 SPST THERMO KIT	ST	002	A	$85.00
303466	WUH-04A CEIL BRKT 2- 5KW	ST	000	A	$58.00
300513	WUH-05 CEIL BRKT 7-25KW	ST	002	A	$61.00
300521	WUH-06 CEIL BRKT 30-45KW	ST	002	A	$99.00
303431	EDS-1 LUH DISC SW KIT 40AMP	ST	000	A	$195.00
303440	EDS-2 LUH DISC SW KIT 80AMP	ST	000	A	$329.00
303458	EDS-3 LUH DISC SW KIT 100AMP	NS	000	A	$374.00
305007	ISFS-02 INTERNAL FAN SW KIT	NS	001	A	$90.00
305015	ESFS-40 L/KFAN/RELAYKIT24V2POL	NS	000	A	$140.00
305058	ESFS-40A EXTERNAL F & R KIT	NS	001	A	$142.00
305031	ESFS-42 EXTERNAL F & RR KIT	NS	001	A	$142.00
305074	ESFS-42A EXTERNAL F & R KIT	NS	001	A	$142.00
305040	ESFS-47 L/KFAN/RELAYKIT277V2PO	NS		A	$140.00

Factory Installed Features (Add to Base List Price)

Except for brackets all accessories can be factory installed. Add kit price to base for factory installation.

CCH Cabinet Console Heaters					
	CCH 3D 02 (2/1kW, 32 Inch)	NS	105	A	$3870.00
	CCH 3D 03 (3/2kW, 32 Inch)	NS	105	A	$3886.00
	CCH 3D 04 (4/2kW, 32 Inch)	NS	105	A	$3901.00
	CCH 3D 05 (5/3kW, 32 Inch)	NS	105	A	$3917.00
	CCH 3D 06 (6/3kW, 32 Inch)	NS	105	A	$3932.00
	CCH 4D 04 (4/2kW, 45 Inch)	NS	145	A	$4250.00
	CCH 4D 06 (6/4kW, 45 Inch)	NS	145	A	$4272.00
	CCH 4D 08 (8/4kW, 45 Inch)	NS	145	A	$4294.00
	CCH 4D 10 (10/6kW, 45 Inch)	NS	145	A	$4316.00
	CCH 4D 12 (12/6kW, 45 Inch)	NS	145	A	$4338.00
	CCH 6D 15 (15/9kW, 45 Inch)	NS	240	A	$6311.00
	CCH 6D 18 (18/9kW, 45 Inch)	NS	240	A	$6771.00

CCH - Accessories

TF32-32 Inch - Trim Frame - Recess Mount, Contact Factory

TF45-45 Inch - Trim Frame - Recess Mount, Contact Factory

TF65-65 Inch - Trim Frame - Recess Mount, Contact Factory

PWF32-32 Inch - Permanent Washable Filter, Contact Factory

PWF45-45 Inch - Permanent Washable Filter, Contact Factory

PWF65-65 Inch - Permanent Washable Filter, Contact Factory

CCH - Control Options

PCN	DESCRIPTION	SS	WT	D	PRICE

3 - Built-in single pole thermostat control (High/low control switch for heat/fan, on/off control switch) $312

T - Built-in low voltage relay kit for remote 24V thermostat (not included, High/low control switch for heat/fan) $151

R - Provision for remote wire control (not included,High/low control switch for heat/fan), Contact Factory

C - Duct transition collar for connection to ducting $261

S - Disconnect switch for positive power interruption $274

X - High speed motor for ceiling mount, Contact Factory

Add 10% to Base List Price for Clear and Bronze Paint Finish

CAF-6 CONVECTION HEATERS					
	CAF-6F205 (24.3 Inch-120V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F205 (24.3 Inch-208V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F205 (24.3 Inch-240V,1PH,500W)	NS	18.7	A	$414.00
	CAF-6F307 (36.3 Inch-120V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-208V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-240V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F307 (36.3 Inch-277V,1PH,750W)	NS	25.4	A	$473.00
	CAF-6F410 (48.3 Inch-120V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-208V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-244V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F410 (48.3 Inch-277V,1PH,1000W)	NS	32.1	A	$532.00
	CAF-6F512 (60.3 Inch-120V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-208V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-240V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F512 (60.3 Inch-277V,1PH,1250W)	NS	40.2	A	$597.00
	CAF-6F615 (72.3 Inch-120V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-208V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-240V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F615 (72.3 Inch-277V,1PH,1500W)	NS	48.2	A	$656.00
	CAF-6F717 (84.3 Inch-208V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F717 (84.3 Inch-240V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F717 (84.3 Inch-277V,1PH,1750W)	NS	57.6	A	$716.00
	CAF-6F820 (96.3 Inch-208V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F820 (96.3 Inch-240V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F820 (96.3 Inch-277V,1PH,2000W)	NS	67	A	$780.00
	CAF-6F922 (108.3 Inch-208V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F922 (108.3 Inch-240V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F922 (108.3 Inch-277V,1PH,2250W)	NS	77.7	A	$880.00
	CAF-6F025 (120.3 Inch-208V,1PH,2500W)	NS	88.4	A	$897.00
	CAF-6F025 (120.3 Inch-240V,1PH,2500W)	NS	88.4	A	$897.00
	CAF-6F025 (120.3 Inch-277V,1PH,2500W)	NS	88.4	A	$897.00

CAF-6 Accessories

ALPKS2-Pedestal kit for units up to 4' length (2 included) $146

ALPKS3-Pedestal kits for units above 4' length (3 included) $236

ALF6IC90-Inside 90 degree corner, Contact Factory

AFL60C90-Outside 90 degree corner, Contact Factory

CAF-6 Control Options

A1-Built-in SP tamperproof thermostat 120-277V $75

A2-Built-in DP tamperproof thermostat 120-277V $75

F1-Built-in SP adjustable thermostat 120-277V $75

F2-Built-in DP adjustable thermostat 120-277V $75

A4-Built-in 24V low voltage relay 120-277V $168

A5-Built-in 24V low voltage relay and transformer 120-277V $239

A8-Built-in disconnect switch, rated 277V/20A $110

B1-Built-in SP tamperproof thermostat and disconnect $129

B2-Built-in DP tamperproof thermostat and disconnect $133

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PCN	DESCRIPTION	SS	WT	D	PRICE
	F3-Built-in SP adjustable thermostat and disconnect				$132
	F4-Built-in DP adjustable thermostat and disconnect				$135
	D1-Built-in low voltage relay and disconnect				$277
	D2-Built-in low voltage relay/transformer and disconnect				$349
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CCAS-8 CABINET HEATERS				
	CCAS-8F205 (24.3 Inch-120V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F205 (24.3 Inch-208V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F205 (24.3 Inch-240V,1PH,500W)	NS	18.7	A	$414.00
	CCAS-8F307 (36.3 Inch-120V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-208V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-240V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F307 (36.3 Inch-277V,1PH,750W)	NS	25.4	A	$473.00
	CCAS-8F410 (48.3 Inch-120V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-208V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-240V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F410 (48.3 Inch-277V,1PH,1000W)	NS	32.1	A	$532.00
	CCAS-8F512 (60.3 Inch-120V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-208V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-240V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F512 (60.3 Inch-277V,1PH,1250W)	NS	40.2	A	$597.00
	CCAS-8F615 (72.3 Inch-120V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-208V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-240V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F615 (72.3 Inch-277V,1PH,1500W)	NS	48.2	A	$656.00
	CCAS-8F717 (84.3 Inch-208V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F717 (84.3 Inch-240V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F717 (84.3 Inch-277V,1PH,1750W)	NS	57.6	A	$716.00
	CCAS-8F820 (96.3 Inch-208V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F820 (96.3 Inch-240V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F820 (96.3 Inch-277V,1PH,2000W)	NS	67	A	$780.00
	CCAS-8F922 (108.3 Inch-208V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F922 (108.3 Inch-240V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F922 (108.3 Inch-277V,1PH,2250W)	NS	77	A	$880.00
	CCAS-8F025 (120.3 Inch-208V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8F025 (120.3 Inch-240V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8F025 (120.3 Inch-277V,1PH,2500W)	NS	88.4	A	$897.00
	CCAS-8 Accessories				
	ALPKS2-Pedestal kit for units up to 4' length				
	ALPKS3-Pedestal kits for units above 4' length				
	ALS8IC90-Inside 90 degree corner				
	AFS80C90-Outside 90 degree corner				
	CCAS-8 Control Options				
	A1-Built-in SP tamperproof thermostat 120-277V				$71
	A2-Built-in DP tamperproof thermostat 120-277V				$76
	F1-Built-in SP adjustable thermostat 120-277V				$71
	F2-Built-in DP adjustable thermostat 120-277V				$76
	A4-Built-in 24V low voltage relay 120-277V				$168
	A5-Built-in 24V low voltage relay and transformer 120-277V				$239
	A8-Built-in disconnect switch, rated 277V@20A				$110
	B1-Built-in SP tamperproof thermostat and disconnect				$129
	B2-Built-in DP tamperproof thermostat and disconnect				$133
	F3-Built-in SP adjustable thermostat and disconnect				$132
	F4-Built-in DP adjustable thermostat and disconnect				$135
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CCAS-12 CABINET HEATERS				
	CCAS-12F211 (24.3 Inchs-208V,1PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F211 (24.3 Inchs-208V,3PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F211 (24.3 Inchs-240V,1PH,1125W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-208V,1PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-208V,3PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F215 (24.3 Inchs-240V,1PH,1500W)	NS	50.9	A	$756.00
	CCAS-12F316 (36.3 Inchs-208V,1PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-208V,3PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-277V,1PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F316 (36.3 Inchs-480V,3PH,1687W)	NS	64.3	A	$808.00
	CCAS-12F422 (48.3 Inchs-208V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-208V,3PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-240V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-277V,1PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F422 (48.3 Inchs-480V,3PH,2250W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-208V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-208V,3PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-240V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-277V,1PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F430 (48.3 Inchs-480V,3PH,3000W)	NS	77.7	A	$984.00
	CCAS-12F633 (72.3 Inchs-208V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-208V,3PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-240V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-277V,1PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F633 (72.3 Inchs-480V,3PH,3375W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-208V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-208V,3PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-240V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-277V,1PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F645 (72.3 Inchs-480V,3PH,4500W)	NS	104.5	A	$1227.00
	CCAS-12F845 (96.3 Inchs-208V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-208V,3PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-240V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-277V,1PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F845 (96.3 Inchs-480V,3PH,4500W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-208V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-208V,3PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-240V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-277V,1PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12F860 (96.3 Inchs-480V,3PH,6000W)	NS	131.3	A	$1357.00
	CCAS-12 Accessories				
	ALPKM2-Pedestal kit for units up to 4' length				
	ALPKM3-Pedestal kits for units above 4' length				
	ALS12IC90-Inside 90 degree corner, Contact Factory				
	AFS120C90-Outside 90 degree corner, Contact Factory				
	CCAS-12 Control Options				
	A9-Built-in DP tamperproof hydraulic thermostat 208-277V				$162
	A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-480V				$209
	A4-Built-in 24V low voltage relay for 1P voltages 208-277V				$139
	A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-277V				$170
	A6-Built-in 24V contactor less transformer for 3P voltages 208-480V				$369
	A7-Built-in 24V contactor and transformer for 3P voltages 208-480V				$416
	A8-Built-in disconnect switch, rated 277V@20A				$332
	B9-Built-in DP tamperproof thermostat and disconnect				$469
	B3-Built-in 3P tamperproof thermostat and disconnect				$516
	Add 10% to Base List Price for Clear and Bronze Paint Finish				

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PCN	DESCRIPTION	SS	WT	D	PRICE
	CAF-12 CABINET HEATERS				
	CAF-12F211,208V,1PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,208V,3PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,240V,1PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F211,240V,3PH,1125W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,208V,1PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,208V,3PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,240V,1PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F215,240V,3PH,1500W,24.3"	NS	50.9	A	$712.00
	CAF-12F316,208V,1PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,208V,3PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,277V,1PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F316,480V,3PH,1687W,36.3"	NS	64.3	A	$796.00
	CAF-12F422,208V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,208V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,240V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,240V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,277V,1PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F422,480V,3PH,2250W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,208V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,208V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,240V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,240V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,277V,1PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F430,480V,3PH,3000W,48.3"	NS	77.7	A	$926.00
	CAF-12F633,208V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,208V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,240V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,240V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,277V,1PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F633,480V,3PH,3375W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,208V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,208V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,240V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,240V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,277V,1PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F645,480V,3PH,4500W,72.3"	NS	104.5	A	$1197.00
	CAF-12F845,208V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,208V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,240V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,240V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,277V,1PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F845,480V,3PH,4500W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,208V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,208V,3PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,240V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,240V,3PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,277V,1PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12F860,480V,3PH,6000W,96.3"	NS	131.3	A	$1314.00
	CAF-12 Accessories				
	ALPKM2-Pedestal kit for units up to 4' length				$139
	ALPKM3-Pedestal kits for units above 4' length				$223
	ALF12IC90-Inside 90 degree corner, Contact Factory				
	ALF120C90-Outside 90 degree corner, Contact Factory				
	CAF-12 Control Options				
	A9-Built-in DP tamperproof hydraulic thermostat 208-277V				$162
	A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-480V				$209
	A4-Built-in 24V low voltage relay for 1P voltages 208-277V				$139
	A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-277V				$170
	A6-Built-in 24V contactor less transformer for 3P voltages 208/480V				$369
	A7-Built-in 24V contactor and transformer for 3P voltages 208-480V				$416
	A8-Built-in disconnect switch, rated 277V@20A				$332
	B9-Built-in DP tamperproof thermostat and disconnect				$469
	B3-Built-in 3P tamperproof thermostat and disconnect				$516
	Add 10% to Base List Price for Clear and Bronze Paint Finish				
	CAF-20 CABINET HEATERS				
	CAF-20215 (24.3 Inch-208V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-208V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-240V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-240V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-277V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-480V,1PH,1500W)	NS	85.7	A	$884.00
	CAF-20215 (24.3 Inch-480V,3PH,1500W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-208V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-208V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-240V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-240V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-277V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-480V,1PH,2000W)	NS	85.7	A	$884.00
	CAF-20220 (24.3 Inch-480V,3PH,2000W)	NS	85.7	A	$884.00
	CAF-20330 (36.3 Inch-208V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-208V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-240V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-240V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-277V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-480V,1PH,3000W)	NS	116.5	A	$1057.00
	CAF-20330 (36.3 Inch-480V,3PH,3000W)	NS	116.5	A	$1057.00
	CAF-20430 (48.3 Inch-208V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-208V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-240V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-240V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-277V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-480V,1PH,3000W)	NS	141.9	A	$1263.00
	CAF-20430 (48.3 Inch-480V,3PH,3000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-208V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-208V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-240V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-240V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-277V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-480V,1PH,4000W)	NS	141.9	A	$1263.00
	CAF-20440 (48.3 Inch-480V,3PH,4000W)	NS	141.9	A	$1263.00
	CAF-20645 (72.3 Inch-208V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-208V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-240V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-240V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-277V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-480V,1PH,4500W)	NS	198.2	A	$1644.00
	CAF-20645 (72.3 Inch-480V,3PH,4500W)	NS	198.2	A	$1644.00
	CAF-20550 (60.3 Inch-208V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-208V,3PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-240V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-240V,3PH,5000W)	NS	170.1	A	$1534.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
	CAF-20550 (60.3 Inch-277V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-480V,1PH,5000W)	NS	170.1	A	$1534.00
	CAF-20550 (60.3 Inch-480V,3PH,5000W)	NS	170.1	A	$1534.00
	CAF-20660 (72.3 Inch-208V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-208V,3PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-240V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-240V,3PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-277V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-480V,1PH,6000W)	NS	198.2	A	$1644.00
	CAF-20660 (72.3 Inch-480V,3PH,6000W)	NS	198.2	A	$1644.00

CAF-20 Optional Trim Bar

ALTB2-24.3", Contact Factory

ALTB3-36.3", Contact Factory

ALTB4-48.3", Contact Factory

ALTB5-60.3", Contact Factory

ALTB6-72.3", Contact Factory

CAF-20 Control Options

A9-Built-in DP tamperproof hydraulic thermostat 208-600V	$162
A3-Built-in 3P tamperproof hydraulic thermostat for 3P voltages 208-600V	$209
A4-Built-in 24V low voltage relay for 1P voltages 208-600V	$139
A5-Built-in 24V low voltage relay and transformer for 1P voltages 208-600V	$171
A6-Built-in 24V contactor less transformer for 3P voltages 208-600V	$369
A7-Built-in 24V contactor and transformer for 3P voltages 208-600V	$416
A8-Built-in disconnect switch, rated 600V@30A	$332

Add 10% to Base List Price for Clear and Bronze Paint Finish

CPHH PUMPHOUSE HEATERS 295

350190	CPHH-50011 120V 500W	ST	005	A	$231.00
350203	CPHH-50031 240V 500W	NS	005	A	$231.00

SRM/E HEATING CABLE 846

WITH TINNED COPPER BRAID

388084	SRM/E 5-1C 5W/FT 120V	ST	100	A	$13.00
388113	SRM/E 5-2C 5W/FT 240V	ST	100	A	$13.50
388148	SRM/E 8-1C 8W/FT 120V	ST	100	A	$14.00
388172	SRM/E 8-2C 8W/FT 240V	ST	100	A	$15.00
388201	SRM/E 10-1C 10W/FT 120V	ST	100	A	$16.50
388236	SRM/E 10-2C 10W/FT 240V	ST	100	A	$17.00
388260	SRM/E 15-1C 15W/FT 120V	ST	100	A	$17.75
388308	SRM/E 15-2C 15W/FT 240V	ST	100	A	$19.00
388332	SRM/E 20-1C 20W/FT 120V	ST	100	A	$20.00
388367	SRM/E 20-2C 20W/FT 240V	ST	100	A	$21.00

WITH TINNED COPPER BRAID AND FEP OVERJACKET

388092	SRM/E 5-1CT 5W/FT 120V	ST	125	A	$15.75
388121	SRM/E 5-2CT 5W/FT 240V	ST	125	A	$16.25
388156	SRM/E 8-1CT 8W/FT 120V	ST	125	A	$16.75
388180	SRM/E 8-2CT 8W/FT 240V	ST	125	A	$17.00
388210	SRM/E 10-1CT 10W/FT 120V	ST	125	A	$18.75
388244	SRM/E 10-2CT 10W/FT 240V	ST	125	A	$19.25
388279	SRM/E 15-1CT 15W/FT 120V	ST	125	A	$20.25
388316	SRM/E 15-2CT 15W/FT 240V	ST	125	A	$21.50
388340	SRM/E 20-1CT 20W/FT 120V	ST	125	A	$22.75
388375	SRM/E 20-2CT 20W/FT 240V	ST	125	A	$24.00

HSRM SELF REGULATING MEDIUM TEMP CABLE FOR CLASS I, DIV 1 APPLICATIONS

382176	HSRM5-1CT 5W/FT 120V	ST	125	A	$23.50
382168	HSRM5-2CT 5W/FT 240V	ST	125	A	$24.00
382150	HSRM8-1CT 8W/FT 120V	ST	125	A	$24.75
382141	HSRM8-2CT 8W/FT 240V	ST	125	A	$25.50
382133	HSRM10-1CT 10W/FT 120V	ST	125	A	$25.75
382125	HSRM10-2CT 10W/FT 240V	ST	125	A	$26.75
382117	HSRM15-1CT 15W/FT 120V	ST	125	A	$27.25
382109	HSRM15-2CT 15W/FT 240V	ST	125	A	$28.75
382096	HSRM20-1CT 20W/FT 120V	ST	125	A	$29.75
382088	HSRM20-2CT 20W/FT 240V	ST	125	A	$30.25

SRP HEATING CABLE 846

WITH TINNED COPPER BRAID

387161	SRP 5-1C 5W/FT 120V	ST	053	A	$10.00
387217	SRP 5-2C 5W/ft 240V	ST	053	A	$10.50
387102	SRP 10-1C 10W/FT 120V	ST	053	A	$11.75
387170	SRP 10-2C 10 W/FT 240V	ST	053	A	$12.50
387065	SRP 15-1C 15 W/FT 120v	ST	053	A	$13.00
387110	SRP 15-2C 15 W/FT 240V	ST	053	A	$13.50

WITH TINNED COPPER BRAID AND FEP OVERJACKET

387188	SRP 5-1CT 5W/FT 120V	ST	053	A	$13.00
387225	SRP 5-2CT 5W/ft 240V	NS	053	A	$13.25
387129	SRP 10-1CT 10W/FT 120V	ST	053	A	$14.50
387196	SRP 10-2CT 10 W/FT 240V	ST	053	A	$14.75
387073	SRP 15-1CT 15 W/FT 120v	ST	053	A	$15.50
387137	SRP 15-2CT 15 W/FT 240V	ST	053	A	$16.00

SRL HEATING CABLE 845

WITH TINNED COPPER BRAID

382678	SRL 3-1C 3W/FT 120V	ST	053	A	$7.75
382686	SRL 3-2C 3W/FT 240V	ST	053	A	$8.00
382694	SRL 5-1C 5W/FT 120V	ST	053	A	$9.00
382707	SRL 5-2C 5W/FT 240V	ST	053	A	$9.25
382555	SRL 8-1C 8W/FT 120V	ST	053	A	$9.75
382563	SRL 8-2C 8W/FT 240V	ST	053	A	$10.25
382820	SRL 10-1C 10W/FT 120V	ST	053	A	$10.25
382838	SRL 10-2C 10W/FT 240V	ST	053	A	$11.00

WITH TINNED COPPER BRAID AND TPE OVERJACKET

382731	SRL 3-1CR 3W/FT 120V	ST	064	A	$9.25
382740	SRL 3-2CR 3W/FT 240V	ST	064	A	$9.50
382758	SRL 5-1CR 5W/FT 120V	ST	064	A	$10.25
382766	SRL 5-2CR 5W/FT 240V	ST	064	A	$10.75
382598	SRL 8-1CR 8W/FT 120V	ST	064	A	$11.50
382600	SRL 8-2CR 8W/FT 240V	ST	064	A	$12.00
382846	SRL 10-1CR 10W/FT 120V	ST	064	A	$12.25
382854	SRL 10-2CR 10W/FT 240V	ST	064	A	$13.00

WITH TINNED COPPER BRAID AND FEP OVERJACKET

383400	SRL 3-1CT 3W/FT 120V	ST	066	A	$11.25
383419	SRL 3-2CT 3W/FT 240V	ST	066	A	$11.75
383443	SRL 5-1CT 5W/FT 120V	ST	066	A	$12.50
383451	SRL 5-2CT 5W/FT 240V	ST	066	A	$12.75
383460	SRL 8-1CT 8W/FT 120V	ST	066	A	$13.25
383478	SRL 8-2CT 8W/FT 240V	ST	066	A	$13.50
383486	SRL 10-1CT 10W/FT 120V	ST	066	A	$13.75
383494	SRL 10-2CT 10W/FT 240V	ST	066	A	$14.25

HSRL SELF REGULATING LOW TEMP CABLE FOR CLASS I, DIV 1 APPLICATIONS

382070	HSRL3-1CT 3W/FT 120V	ST	100	A	$17.25
382061	HSRL3-2CT 3W/FT 240V	ST	100	A	$18.00
382053	HSRL5-1CT 5W/FT 120V	ST	100	A	$19.25
382045	HSRL5-2CT 5W/FT 240V	ST	100	A	$19.75

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PCN	DESCRIPTION	SS	WT	D	PRICE
382037	HSRL8-1CT 8W/FT 120V	ST	100	A	$20.25
382029	HSRL8-2CT 8W/FT 240V	ST	100	A	$20.75
382010	HSRL10-1CT 10W/FT 120V	ST	100	A	$21.25
382022	HSRL10-2CT 10W/FT 240V	ST	100	A	$22.00

SRF HEATING CABLE 845

WITH TINNED COPPER BRAID

386943	SRF 3-1C 3W/FT 120V	ST	053	A	$5.25
386951	SRF 3-2C 3W/FT 240V	ST	053	A	$5.50
386960	SRF 5-1C 5W/FT 120V	ST	053	A	$6.00
386978	SRF 5-2C 5W/FT 240V	ST	053	A	$6.00
386986	SRF 8-1C 8W/FT 120V	ST	053	A	$6.50
386994	SRF 8-2C 8W/FT 240V	ST	053	A	$6.75

WITH TINNED COPPER BRAID AND TPE OVERJACKET

386100	SRF 3-1CR 3W/FT 120V	ST	064	A	$7.00
386118	SRF 3-2CR 3W/FT 240V	ST	064	A	$7.25
386142	SRF 5-1CR 5W/FT 120V	ST	064	A	$7.75
386150	SRF 5-2CR 5W/FT 240V	ST	064	A	$8.00
386062	SRF 8-1CR 8W/FT 120V	ST	064	A	$8.50
386070	SRF 8-2CR 8W/FT 240V	ST	064	A	$8.75

SRF-RG SELF REGULATING ROOF & GUTTER DE-ICING CABLE

386329	SRF-1RG 120V	ST	060	A	$7.50
386337	SRF-2RG 240V	ST	060	A	$8.00
392331	SRF-1RGT 120V	ST	060	A	$8.00
392340	SRF-2RGT 240V	ST	060	A	$8.75

HWM HEATING CABLE 846

HWM HOT WATER MAINTENANCE CABLE

387305	HWM 5-1CT	ST	060	A	$7.75
387348	HWM 5-2CT	NS	060	A	$8.00
387250	HWM 10-1CT	ST	060	A	$10.00
387313	HWM 10-2CT	ST	060	A	$10.25

SLL HEATING CABLE 846

WITH TINNED COPPER BRAID AND FEP OVERJACKET

384972	SLL 10-CT	ST	100	A	$20.75
384964	SLL 18-CT	ST	100	A	$19.25
384956	SLL 28-CT	ST	100	A	$17.00
384948	SLL 45-CT	ST	100	A	$15.00

CWM HEATING CABLE 842

CMW CONSTANT WATTAGE CABLE

392040	CWM-4-1C 4W/FT 120V	ST	096	A	$10.00
392059	CWM-4-2C 4W/FT 240V	ST	096	A	$10.00
392139	CWM 8-1C 8W/FT 120V	ST	096	A	$10.00
392147	CWM 8-2C 8W/FT 240V	ST	096	A	$10.00
392227	CWM 12-1C 12W/FT 120V	ST	096	A	$10.00
392235	CWM 12-2C 12W/FT 240V	ST	096	A	$10.00

WITH TINNED COPPER BRAID AND FEP OVERJACKET

392075	CWM 4-1CT 4W/FT 120V	ST	110	A	$12.25
392083	CWM 4-2CT 4W/FT 240V	ST	110	A	$12.25
392163	CWM 8-1CT 8W/FT 120V	ST	110	A	$12.25
392171	CWM 8-2CT 8W/FT 240V	ST	110	A	$12.25
392251	CWM 12-1CT 12W/FT 120V	ST	110	A	$12.25
392260	CWM 12-2CT 12W/FT 240V	ST	110	A	$12.25

NOTES ON SELF-REGULATING AND CONSTANT WATTAGE RAPID-TRACE HEATING CABLE

PCN	DESCRIPTION	SS	WT	D	PRICE

1. Price by foot - SRF, SRM, SRM/E, SRL, CWM, HSRL, HSRM, SLL cable is priced by the foot, not by the reel. The unit of measure for a given PCN is one foot.

2. Cable lengths - Maximum spool lengths SRL,HSRL,SRF, CWM cable = 1000 feet. Maximum spool lengths SRM/E, HSRM/E, SLL cable = 1000 feet

3. Shipping policy - Specify spool length on order up to max length per spool. If no spool length specified - orders up to 1000 feet may contain up to 3 lengths - no length shorter than 100 feet at our option. Tolerance on each length = -0/+15%

4. Weights - Heating cable weight is in pounds per 1,000 feet. Accessories weight is in pounds per kit.

5. Non-Stock items - minimum order 2,000 feet

HEATING CABLE ACCESSORIES 847

EL SERIES INSTALLATION KITS

383558	RT-RST SPLICE/TEE (LO TEMP)	ST	001	A	$45.50
383566	RT-TST SPLICE/TEE (HI TEMP)	ST	001	A	$137.00
383574	RT-RES END SEAL (LO TEMP)	ST	001	A	$20.00
383582	RT-TES END SEAL (HI TEMP)	NS	001	A	$45.50
393609	SPA - SMALL PIPE ADAPTER KIT	ST	001	A	$9.50
393676	PJB (RAIN TIGHT JUNCTION BOX 3/4" CONDUIT HOLE)	ST	001	A	$57.00

ATTACHMENT ACCESSORIES & TOOLS

385650	CCH-2 CONDUIT HUB W/GRND LUG	ST	001	A	$32.25
385780	MP-1 MOUNTING PLATE	ST	001	A	$20.50
382352	PS-1 PIPE STRAP	ST	001	A	$6.00
382360	PS-3 PIPE STRAP	ST	001	A	$6.25
382379	PS-10 PIPE STRAP	ST	001	A	$8.50
383355	AT-1 ALUMINIUM FOIL TAPE	ST	001	A	$69.00
389941	FT-3 FIBERGLASS TAPE	ST	001	A	$19.50
382424	CL-1 CAUTION LABELS	ST	001	A	$7.25
393510	CABLE STRIPPING TOOL w/ 16 AWG BLADE SET	ST	001	A	$287.00
393537	16 AWG REPLACEMENT BLADE SET	ST	001	A	$179.00
393545	20 AWG REPLACEMENT BLADE SET	ST	001	A	$179.00

ROOF & GUTTER/SNOW MELT ACCESSORIES

394206	WSMM-D-1000-240, 50W/sqft, 240V, 1500W	ST	007	A	$647.00
394214	WSMM-D-2000-240, 50W/sqft, 240V, 2000W	ST	011	A	$739.00
394222	WSMM-D-2500-240, 50W/sqft, 240V, 2500W	ST	012	A	$850.00
394230	WSMM-D-5000-240, 50W/sqft, 240V, 5000W	ST	023	A	$1480.00
394249	WSMM-D-6000-240, 50W/sqft, 240V, 6000W	ST	027	A	$1628.00
394134	ASE-DS2 RAIN/SNOW SENSOR CONTROLLER	ST	002	A	$911.00
394142	ASE-DS5 RAIN/SNOW SENSOR CONTROLLER	ST	002	A	$1213.00
394150	USET02-4550 THERMOSTAT	ST	002	A	$1261.00
394169	US92023 MOUNTING BOX FOR USET02-4550	ST	007	A	$671.00
390029	GF PRO 208-277V	ST	001	A	$1068.00
390010	PD PRO 120V (PILOT DUTY 208-277V)	ST	005	A	$961.00
389749	CIT-1 AERIAL SNOW SENSOR	ST	001	A	$836.00
389757	GIT-1 GUTTER DE-ICE SENSOR	ST	001	A	$587.00
389765	SIT-6E PAVEMENT MOUNTED SNOW SENSOR	ST	001	A	$1834.00
389773	RCU-3 REMOTE CONTROL UNIT	NS	001	A	$444.00
389909	RCU-4 REMOTE CONTROL UNIT	NS	002	A	$444.00
389730	EUR-5 SNOW RELAY	NS	005	A	$2493.00
389781	LCD-1(UL) SNOW SWITCH	ST	005	A	$498.00
389790	LCD-1(CSA) SNOW SWITCH	NS	005	A	$760.00
389829	APS-3C(208V-240V) CONTROL PANEL	ST	005	A	$2404.00
389837	APS-3C(120V) CONTROL PANEL	NS	005	A	$2404.00
389845	APS-4C(277V 1P) CONTROL PANEL	ST	005	A	$2636.00
389853	APS-4C(208V-240V/120V 3P) CONTROL PANEL	ST	005	A	$2636.00

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PCN	DESCRIPTION	SS	WT	D	PRICE
389861	APS-4C(480V/277V 3P) CONTROL PANEL	ST	005	A	$2636.00
389870	SC-40C(277V 1P) SATELLITE CONTACTOR	NS	001	A	$2315.00
389888	SC-40C(208V-240V/120V 3P)SATELLITE CONTACTOR	ST	001	A	$2315.00
389896	SC-40C(480V/277V 3P) SATELLITE CONTACTOR	ST	001	A	$2315.00
386206	RG-PK-1 POWER/END SEAL KIT	ST	001	A	$39.75
386214	RG-SK-1 SPLICE KIT	ST	001	A	$34.25
386257	RG-EK-1 END SEAL KIT	ST	001	A	$8.25
340179	RCK-1 ROOF CLIPS, 10 PER PKG	ST	001	A	$11.50
340160	RDK-1 DOWNSPOUT HANGER	ST	001	A	$11.50
390900	SNOW MELT SYSTEM MARKER	ST	025	A	$254.00
DL SERIES INSTALLATION KITS					
389554	RTPC POWER CONNECTION KIT	ST	004	A	$125.00
389562	RTST SPLICE AND TEE KIT	ST	004	A	$125.00
389570	RTES END SEAL KIT	ST	004	A	$22.75
389626	RTPC-SL1 POWER CONNECTION W/ 120V LED	ST	004	A	$205.00
389634	RTPC-SL2 POWER CONNECTION W/208-240V LED	ST	004	A	$205.00
389642	RTPC-SL3 POWER CONNECTION W/277V LED	ST	004	A	$205.00
389650	RTST-SL1 END SEAL W/120V LED	ST	004	A	$205.00
389669	RTST-SL2 END SEAL W/208-240V LED	ST	004	A	$205.00
389677	RTST-SL3 END SEAL W/277V LED	ST	004	A	$205.00
389589	RTAS AMBIENT SENSING THERMOSTAT	ST	004	A	$460.00
389597	RTAS-EP AMBIENT SENSING THERMOSTAT	ST	004	A	$586.00
389600	RTBC LINE SENSING THERMOSTAT	ST	004	A	$438.00
389618	RTBC-EP LINE SENSING THERMOSTAT	ST	004	A	$626.00
385000	GRS CAPILLARY/RTD GROMMET	ST	002	A	$7.00
385019	GR0 BLANK GROMMET	ST	002	A	$7.00
389714	GRSR SELF-REGULATING GROMMET	ST	002	A	$7.00
389722	GRCW CONSTANT WATTAGE GROMMET	ST	002	A	$7.00
U SERIES INSTLLATION KITS					
393553	UPC - POWER CONNECTION KIT	ST	002	A	$198.00
393561	UMC - MULTI ENTRY KIT	ST	002	A	$250.00
393570	UES - ABOVE INSULATION END SEAL KIT	ST	002	A	$46.50
393617	SSK - PIPE STAND OFF /COUPLER / GROMMET KIT	ST	002	A	$64.00
393588	USL - POWER CONN /END SEAL WITH LIGHT 120-277v	ST	002	A	$348.00
394257	UESL LED END SEAL KIT	ST	002	A	$218.00
394011	UBC - LINE SENSING THERMOSTAT	ST	002	A	$475.00
394038	UAS - AMBIENT SENSING THERMOSTAT	ST	002	A	$475.00
393609	SPA - SMALL PIPE ADAPTER KIT	ST	002	A	$9.50
CLASS I, DIV 1 INSTLLATION KITS					
382192	HL-PC POWER CONNECTION KIT	ST	004	A	$353.00
382205	HL-S SPLICE KIT	ST	004	A	$387.00
382213	HL-T TEE SPLICE KIT	ST	004	A	$484.00
382221	HL-ES END SEAL KIT	ST	004	A	$313.00
382238	SEALING COMPOUND	ST	002	A	$48.75
382248	3/4 INCH C1D1 SEAL FITTING	ST	002	A	$65.00
393684	D1SL -120V (SIGNAL LIGHT - USE W/HL-PC)	ST	001	A	$439.00
393692	D1SL -208-277V (SIGNAL LIGHT - USE W/HL-PC)	ST	001	A	$439.00

MI HEATING CABLE 841

MI CABLE ACCESSORIES

PCN	DESCRIPTION	SS	WT	D	PRICE
392286	HTC-30-1 1250F 1 GAL HEAT TRANSFER CEMENT	NS	002	A	$284.00
392294	HTC-30-5 1250F 5 GAL HEAT TRANSFER CEMENT	NS	002	A	$966.00
392307	JB-7-4 POWER CONNECTION KIT	ST	002	A	$284.00
392315	SSW-100	NS	002	A	$80.00
392323	SSPS-82 SPACER STRIP	ST	002	A	$285.00

SINGLE ALLOY CONDUCTOR-ALLOY 825 SHEATH, 600V RATED

Contact Factory for net price quote and availability. (615) 793-3900

TWO ALLOY CONDUCTORS-ALLOY 825 SHEATH, 300V RATED

Cable Reference	Nominal Cable Resistance at 25°C (ohms/ft)	Price Per Foot
556K	'0.043	$18.50
658K	'0.058	$18.50
674K	'0.074	$18.50
693K	'0.092	$18.50
712K	'0.117	$18.50
715K	'0.147	$18.50
721K	'0.213	$18.50
732K	'0.319	$18.50
742K	'0.416	$18.50
752K	'0.520	$18.50
766K	'0.660	$18.50
774K	'0.740	$18.50
783K	'0.830	$18.50
810K	'1.000	$18.50
813K	'1.300	$18.50
818K	'1.800	$18.50
824K	'2.340	$18.50
830K	'2.960	$18.50
838K	'3.700	$18.50
846K	'4.720	$18.50
860K	'5.600	$18.50
866K	'6.600	$18.50
894K	'9.000	$18.50
919K	'18.00	$18.50

TWO ALLOY CONDUCTORS-ALLOY 825 SHEATH, 600V RATED

Cable Reference	Nominal Cable Resistance at 25°C (ohms/ft)	Price Per Foot
588B	'0.007	$19.50
614B	'0.014	$19.50
627B	'0.027	$19.50
640B	'0.040	$19.50
670B	'0.065	$19.50
710B	'0.104	$19.50
715B	'0.162	$19.50
720B	'0.205	$19.50
732B	'0.325	$19.50
750B	'0.500	$19.50
774B	'0.735	$19.50
810B	'1.620	$19.50
819B	'1.870	$19.50
830B	'2.970	$19.50
840B	'4.300	$19.50
859B	'5.980	$19.50

Additional Features

1. Assembly Charges for designs

A	E
$275.00	$450.00
XA	XE
$425.00	$600.00

2. Form A = single end with end seal - 4 foot alloy 825 cold lead with 1/2 inch NPT fitting and 12 inch pigtails

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PCN	DESCRIPTION	SS	WT	D	PRICE

PCN	DESCRIPTION	SS	WT	D	PRICE

3. Form E = double end with (2) - 4 foot alloy 825 cold lead with 1/2 inch NPT fitting and 12 inch pigtails

4. ADDITIONAL COLD LEAD CHARGES (Standard = 4 foot)

- Additional length - 14 AWG , ALLOY 825, 25 AMP Max Rated, Two conductor $20

- Additional length - Oversized Two Conductor Cold Lead, Copper Sheath, 40 AMP Max rated $30

5. Stainless steel pulling eye (each) $80

Note: PRICE CALCULATION - To obtain price for heating cable assemblies, add the price of the heating cable, plus the assembly charge, plus additional cold lead length (if any), plus special features (if any).

To obtain price for heating cable assemblies, add the price of the heating cable, plus the assembly charge, plus additional cold lead length (if any), plus special features (if any).

Example: A 774k 100FT 04FT 277V 1036W

Hot Section 100 FT x

"A" Form Assembly Charge

Total List Price

6. All MI Cable Assemblies are classified as "Non-Stock". Schedule A discount applies. Stat Code 841.

7. Shipments are made in approximately4- 6 weeks after receipt of order. Shipments are FOB point of shipment.

End of Section

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