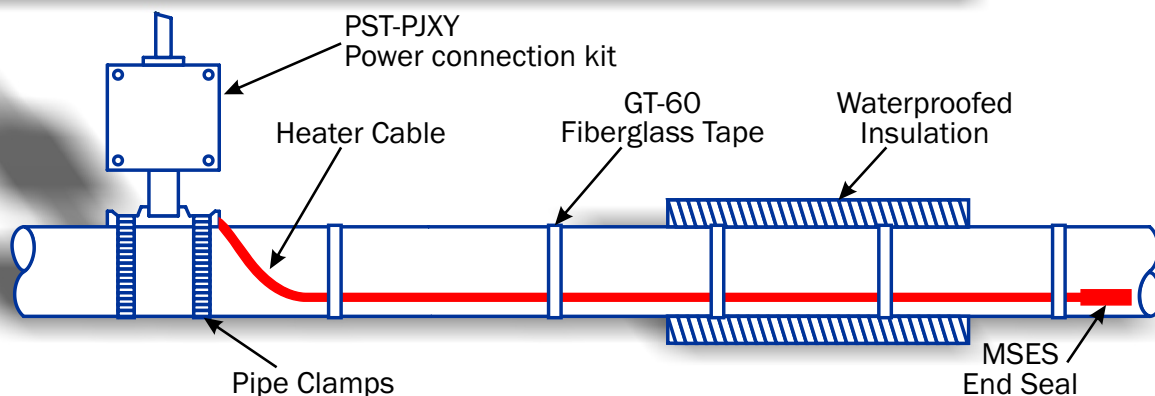


PIPE AND TANK HEAT TRACING

Effective: FEBRUARY 1, 2011



CCA SELF REGULATING HEATER

FREEZE PROTECTION AND TEMPERATURE MAINTAIN - NON CORROSIVE ORDINARY AREA - CCA HEATER STRIP WITH TINNED COPPER BRAID AND MODIFIED POLYOLEFIN OVERJACKET.

CAT. NO.	*WATTS/		VOLTAGE VAC	WEIGHT		PRICE	
	FT @ 50°F	M @ 10°C		KG/M	LB/FT	M	FT
3CCA-1BA	3	10	120	0.14	0.10	21.99	6.71
3CCA-2BA	3	10	240	0.14	0.10	21.99	6.71
6CCA-1BA	6	20	120	0.14	0.10	24.55	7.48
6CCA-2BA	6	20	240	0.14	0.10	24.55	7.48
8CCA-1BA	8	26	120	0.14	0.10	27.02	8.24
8CCA-2BA	8	26	240	0.14	0.10	27.02	8.24



* Watts at 50°F(10°C) on metal pipe.

FPS SELF REGULATING HEATER

FREEZE PROTECTION AND TEMPERATURE MAINTAIN - CORROSIVE ORDINARY AND HAZARDOUS AREA - FPS HEATER STRIP WITH TINNED COPPER BRAID AND FLUOROPOLYMER OVERJACKET.

CAT. NO.	*WATTS/		VOLTAGE VAC	WEIGHT		PRICE	
	FT @ 50°F	M @ 10°C		KG/M	LB/FT	M	FT
3FPS-1BT	3	10	120	0.14	0.10	31.40	9.57
3FPS-2BT	3	10	240	0.14	0.10	31.40	9.57
5FPS-1BT	5	16	120	0.14	0.10	34.59	10.55
5FPS-2BT	5	16	240	0.14	0.10	34.59	10.55
8FPS-1BT	8	26	120	0.14	0.10	38.33	11.69
8FPS-2BT	8	26	240	0.14	0.10	38.33	11.69
10FPS-1BT	10	33	120	0.14	0.10	43.20	13.17
10FPS-2BT	10	33	240	0.14	0.10	43.20	13.17



* Watts at 50°F(10°C) on metal pipe.

SCS SELF REGULATING HEATER

HIGH TEMPERATURE APPLICATIONS - CORROSIVE ORDINARY AND HAZARDOUS AREA - SCS HEATER STRIP WITH TINNED COPPER BRAID AND FLUOROPOLYMER OVERJACKET.

CAT. NO.	*WATTS/ FT @ 50°F M@10°C		VOLTAGE VAC	WEIGHT KG/M LB/FT		PRICE M FT	
3SCS-1BT	3	10	120	0.15	0.10	46.31	14.12
3SCS-2BT	3	10	240	0.15	0.10	46.31	14.12
5SCS-1BT	5	16	120	0.15	0.10	46.31	14.12
5SCS-2BT	5	16	240	0.15	0.10	46.31	14.12
8SCS-1BT	8	26	120	0.15	0.10	48.41	14.76
8SCS-2BT	8	26	240	0.15	0.10	48.41	14.76
10SCS-1BT	10	33	120	0.15	0.10	50.67	15.45
10SCS-2BT	10	33	240	0.15	0.10	50.67	15.45
12SCS-1BT	12	39	120	0.15	0.10	53.74	16.38
12SCS-2BT	12	39	240	0.15	0.10	53.74	16.38
15SCS-1BT	15	49	120	0.15	0.10	63.06	19.23
15SCS-2BT	15	49	240	0.15	0.10	63.06	19.23
18SCS-1BT	18	59	120	0.15	0.10	68.14	20.77
18SCS-2BT	18	59	240	0.15	0.10	68.14	20.77
20SCS-1BT	20	66	120	0.15	0.10	73.85	22.52
20SCS-2BT	20	66	240	0.15	0.10	73.85	22.52



* Watts at 50°F(10°C) on metal pipe.

MIC MINERAL INSULATED HI-TEMP HEATER

WITH INCOLOY SHEATH

CAT. NO.	WEIGHT KG/M LB/FT		PRICE M FT	
K-MIC	0.10	0.07	29.51	9.00
B-MIC	0.33	0.22	42.13	12.84
A-FORM-32A	0.45	1.00	553.44	
A-FORM-40A	1.82	4.00	693.65	
E-FORM-32A	0.91	2.00	774.80	
E-FORM-40A	3.64	8.00	1055.22	



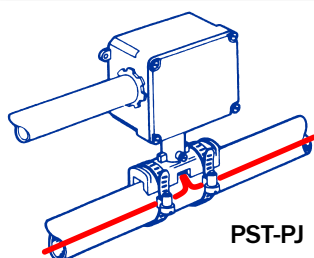
PRICING EXAMPLE

SB	A	750B	100	07	PRICE
HOT SECTION (100FT X \$12.84/FT)					1284.00
A-FORM 32A					553.44
TOTAL PRICE					1837.44

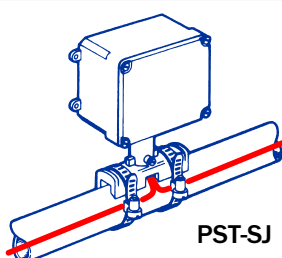
COMPONENTS AND ADDERS - please see page 12

PIPE AND TANK HEAT TRACE COMPONENTS for CCA, FPS and SCS type heaters

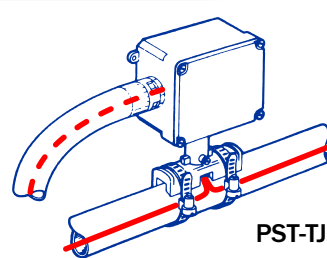
Effective: FEBRUARY 1, 2011



PST-PJ



PST-SJ



PST-TJ

FIXTURES AND ENCLOSURES MADE OF INDUSTRIAL GRADE PLASTICS - ORDINARY AREA AND C1D2 (FPS AND SCS ONLY) HAZARDOUS LOCATIONS

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/ PKG KG	LB	PRICE
PST-PX*	POWER KIT Includes standoff bracket, molded silicone rubber termination seal kit, end seal kit and grommet.	1	0.2	0.44	70.09
PST-PJX*-Y**	POWER KIT WITH JUNCTION BOX Same as above with junction box, terminal block and pipe straps.	1	0.7	1.54	162.14
PST-SJX*-Y**	SPLICE KIT WITH JUNCTION BOX	1	0.7	1.54	162.14
PST-TJX*-Y**	TEE KIT WITH JUNCTION BOX	1	0.9	1.98	230.74

* X = GROMMETS AS FOLLOWS: J = Single heater U = Two heaters

** Y = STRAPS AS FOLLOWS: 3 = for 1 to 3'' (25 to 75mm) pipes 12 = for 3 to 12'' (75 to 300mm) pipes
20 = for 12 to 20'' (300 to 500mm) pipes

NOTE: Kits will mount directly on pipe size 3/4'' (18mm) and larger. Adaptor kits (MA-P) are available for smaller pipe and tubing.

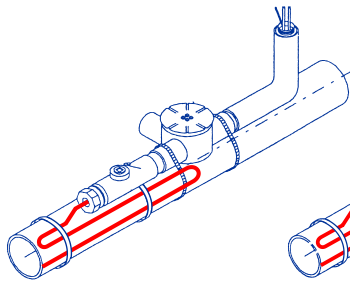
PIPE AND TANK HEAT TRACE ACCESSORIES

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/ PKG KG	LB	PRICE
MSPS-5/1	MOLDED SILICONE RUBBER POWER SEAL KIT	5/1	0.10/0.05	0.22/0.11	50.79/25.38
MSES-5/1	MOLDED SILICONE RUBBER END SEAL KIT	5/1	0.10/0.05	0.22/0.11	39.49/23.69
HSS-5/1	HEAT SHRINK SPLICE KIT	5/1	0.57/0.10	1.25/0.25	111.83/31.94
HST-5/1	HEAT SHRINK TEE KIT	5/1	0.57/0.10	1.25/0.25	111.83/31.94
PST-PLK-X	END SEAL KIT WITH PILOT LIGHT (X = 120, 208 OR 240V)	1	0.70	1.54	362.87
PLK-X	PILOT LIGHT (X = 120, 208 OR 240V)	1	0.10	0.22	194.81
MA-P	MOUNTING ADAPTOR	1	0.10	0.22	24.18
TA-P	TANK ADAPTOR	1	0.10	0.22	54.34
XG-P	GROMMETS (X = J OR U)	1	0.05	0.11	5.95
TB-P	TERMINAL BLOCK	1	0.10	0.22	25.28
GT-60	GLASS TAPE 60' x 1/2'' (18m x 12mm)	1	0.05	0.11	27.08
GT-180	GLASS TAPE 180' x 1/2'' (55m x 12mm)	1	0.11	0.24	61.51
AT-150	ALUMINUM TAPE 150' x 2'' (46m x 50mm)	1	0.11	0.24	45.53
PC-3	PIPE STRAP for 1 to 3'' (25 to 75mm) pipes	1	0.05	0.11	3.27
PC-12	PIPE STRAP for 3 to 12'' (75 to 300mm) pipes	1	0.11	0.24	4.17
PC-20	PIPE STRAP for 12 to 20'' (300 to 500mm) pipes	1	0.11	0.24	6.52
CS-3	CLIP STRIP 3'' (75mm) centers	1	0.30	0.66	63.03
CS-4	CLIP STRIP 4'' (100mm) centers	1	0.30	0.66	37.83
ETL-E (English)	CAUTION LABEL self-adhesive	1	0.02	0.04	2.11
ETL-F (French)	CAUTION LABEL self-adhesive	1	0.02	0.04	2.11

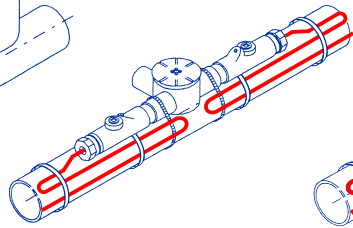
Caution: The use of GLCB'S is required at all times for all heat trace applications.

PIPE AND TANK HEAT TRACE COMPONENTS for FPS and SCS self regulating heaters

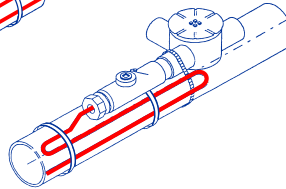
Effective: FEBRUARY 1, 2011



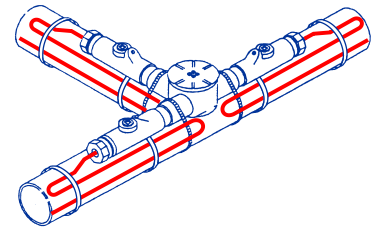
HA-P



HA-S



HA-E



HA-T

HA HAZARDOUS AREA SEAL KITS FOR USE IN CLASS 1 DIVISION 1 HAZARDOUS LOCATION

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/PKG		PRICE
			KG	LB	
HA-P	POWER CONNECTION	1	3.0	6.60	380.11
HA-E	END SEAL	1	2.5	5.50	314.77
HA-S	SPLICE KIT	1	2.7	5.94	439.49
HA-T	TEE KIT	1	3.4	7.48	564.21
HA-SBA	ENTRY SEAL KIT	4			568.30
	-For all above connection kits, to make 4 connections.				

THERMOSTATS

CAT. NO.	SENSOR	ENCL. CEMA, NEMA	SWITCH RATING	RANGE		WEIGHT		PRICE
				°F	°C	/KG	/LB	
TLE-3120-1P	LINE/AMBIENT	3	30A/250V	20 - 120	-7 - 50	1.2	2.5	250.47
TLE-4X40	LINE/AMBIENT	4X	25A/250V	40° fixed	5° fixed	0.7	1.5	264.58
TL-4X325	LINE	4X	22A/480V	25 - 325	-4 - 163	1.4	3.1	662.51
TL-4X325-2	LINE (2POLES)	4X	22A/480V	25 - 325	-4 - 163	2.5	5.5	1312.94
TL-4X140	AMBIENT	4X	22A/480V	15 - 140	-10 - 60	1.4	3.1	460.53
TL-7325	LINE	7	22A/480V	23 - 325	-4 - 163	8.2	18.0	943.79
TL-7325-2	LINE (2POLES)	7	22A/480V	23 - 325	-4 - 163	9.3	20.5	1913.58
TE-7140	AMBIENT	7	22A/480V	15 - 140	-10 - 60	8.2	18.0	757.51
TL-4X1000	LINE	4X	8A/240V	32 - 1000	0 - 538	1.8	4.0	2412.12
TL-71000	LINE	7	8A/240V	32 - 1000	0 - 538	8.6	18.9	2891.30

NOTE: For other thermostats please contact SBA.

CONTACTORS

CAT.NO.	AREA	NO. POLES	POLE RATING AMPS	KG	WEIGHT LB	PRICE
C-4X50	ORDINARY	3	50	1.4	3.08	672.90
C-750	HAZARDOUS	3	50	7.7	16.94	728.88
OC-750	HAZARDOUS	3	50	11.8	25.96	779.10