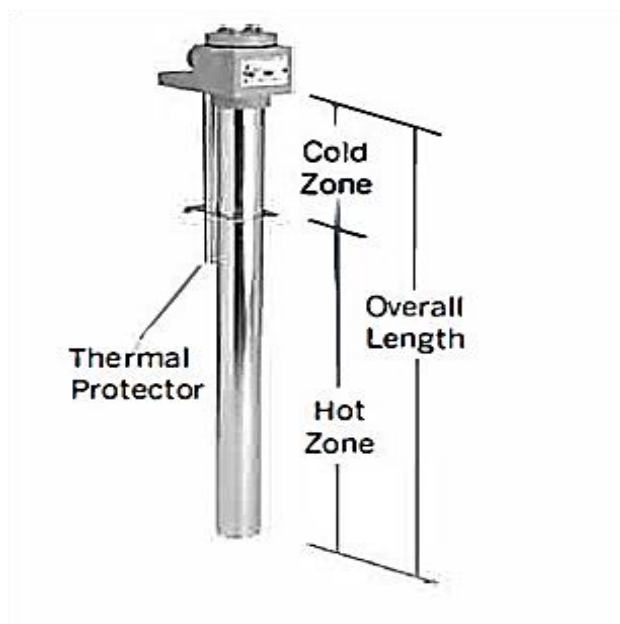


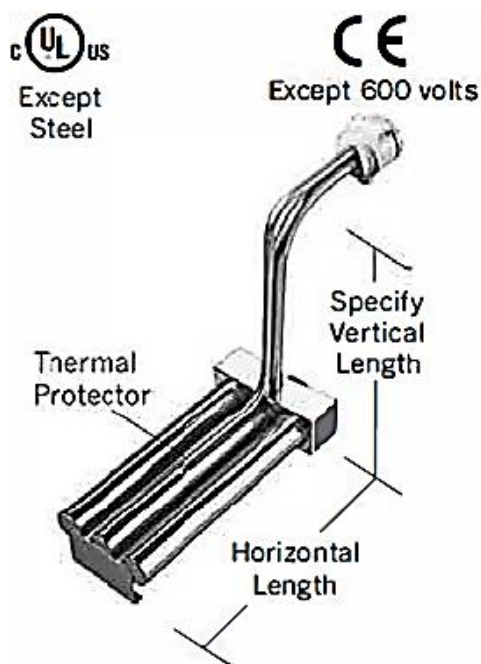
NO	DESCRIPTIONS	QUANTITY
1	2KW Quartz Pipe Heater complete with guard and Protector Model: QM2217C-PQ-1 230v, 50Hz 1-P Overall Length: 17" Heating Length: 12" (Hot Zone)	6 pieces
2	2KW Quartz Pipe Heater with Protector Model: QM2217H-PQ-I 230v, 50Hz 1-P Overall Length: 17" Heating Length: 12" (Hot Zone)	5 pieces
3	5KW Quartz Pipe Heater with Protector Model: QM5-200-41H-PQ-I 200v, 50Hz, 3-P Overall Length: 41" Heating Length: 33" (Hot Zone)	3 pieces
4	4KW Quartz Pipe Heater complete with guard and protector Model: QM4241C-PQIM 230V, 50Hz, 1-P Overall Length: 41" Heating Length: 28" (Hot Zone)	2 pieces

NO	DESCRIPTIONS	QUANTITY
5	4KW Quartz Pipe Heater with protector Model: QM4-415-35-PQIM 415v,50Hz,3-P Overall Length: 35" Heating length: 28" (Hot Zone)	2 pieces
6	3KW Quartz Pipe Protector Model: QM3223-PQII 230v,50Hz,1-P Overall Length: 23" Heating Length: 18" (Hot Zone)	8 pieces
7	3KW Quartz Pipe Heater with Protector Model: QM3-415-23H-3-PQIM 415v,50Hz, 3-P Overall Length: 23" Heating Length: 18" (Hot Zone)	2 pieces
8	6KW Quartz Pipe Heater with Protector Model: QM6447H-3-PQ-I 440v,50Hz, 3-P Overall Length: 47" Heating Length: 39" (Hot Zone)	4 pieces
9	6KW Quartz Pipe Heater complete with guard and Protector Model: QM6247-PQ-I 230v, 50Hz 1-P Overall Length: 47" Heating Length: 39" (Hot Zone)	4 pieces
10	5KW Quartz Pipe Heater with Protector Model: QM5-41H-3-PQI 440v, 50Hz ,3-P Overall Length: 41" Heating Length: 33" (Hot Zone)	3 pieces
12	3KW Quartz Pipe Heater complete with guard and protector Model: QM3223c-PQIM 230V, 50Hz,1-P Overall Length: 23" Heating Length: 18" (Hot Zone)	2 pieces
13	3KW Quartz Pipe Heater with protector Model: QM3-200-23H-3-PQI 200v,50Hz,3-P Overall Length: 23" Heating length: 18" (Hot Zone)	2 pieces

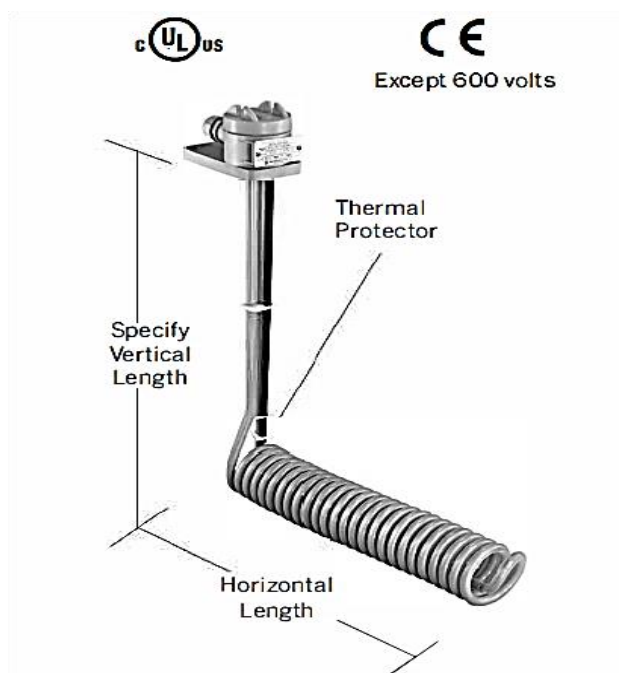


NO	DESCRIPTIONS	QUANTITY
14	2KW SUS304 Stainless Steel Heater with Protector Model: F2217-PI 230v, 50Hz 1-P Overall Length: 17" Heating Length: 10" (Hot Zone)	23 pieces
15	6KW SUS304 Stainless Steel Heater with Protector Model: F6240-PI 230v, 50Hz 1-P Overall Length: 40" Heating Length: 30" (Hot Zone)	2 pieces
16	6KW SUS304 Stainless Steel Heater with Protector Model: F6440-P 440v, 50Hz, 3-P Overall Length: 40" Heating Length: 30" (Hot Zone)	1 piece
17	2KW SUS304 Stainless Steel Heater with Protector Model: F2417-3-PI 440v, 50Hz, 3-P Overall Length: 17" Heating Length: 10" (Hot Zone)	4 pieces
18	2KW SUS304 Stainless Steel Heater with Protector Model: F2417-3-PI 440v, 50Hz, 3-P Overall Length: 17" Heating Length: 10" (Hot Zone)	2 pieces

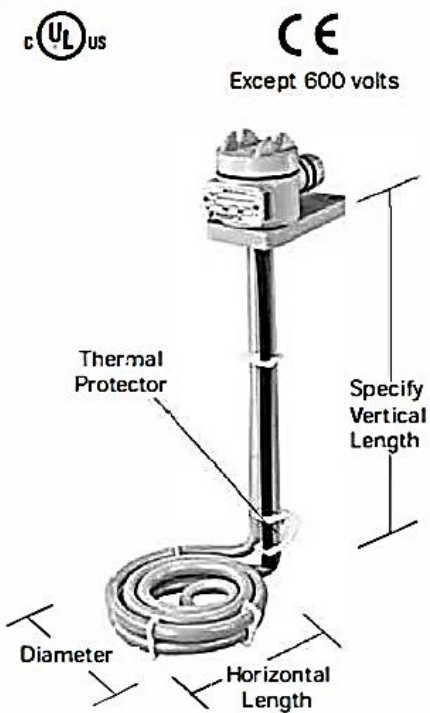
NO	DESCRIPTIONS	QUANTITY
19	3KW SUS304 Stainless Steel Heater with Protector Model: F3-200-23-3-PI 200v, 50Hz, 3-P Overall Length: 23" Heating Length: 16" (Hot Zone)	2 pieces
20	3KW SUS304 Stainless Steel Heater with Protector Model: F3423-3-PI 440v, 50Hz, 3-P Overall Length: 23" Heating Length: 16" (Hot Zone)	3 pieces
21	4KW SUS304 Stainless Steel Heater with Protector Model: F4229-PI 230v, 50Hz, 1-P Overall Length: 29" Heating Length: 20" (Hot Zone)	1 piece
22	2KW SUS304 Stainless Steel Heater with Protector Model: F2417-3-PI 440v, 50Hz, 3-P Overall Length: 17" Heating Length: 10" (Hot Zone)	4 pieces
23	2KW SUS304 Stainless Steel Heater with Protector Model: F2417-3-PI 440v, 50Hz, 3-P Overall Length: 17" Heating Length: 10" (Hot Zone)	2 pieces


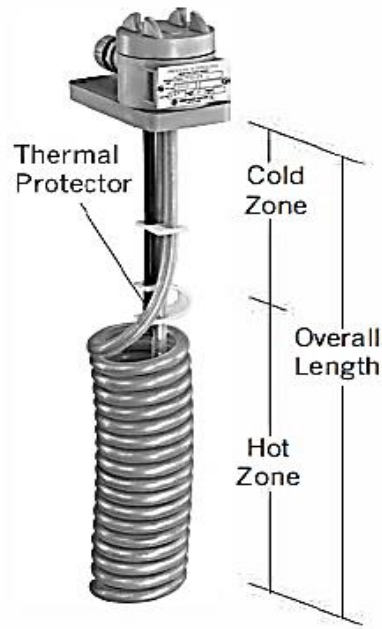


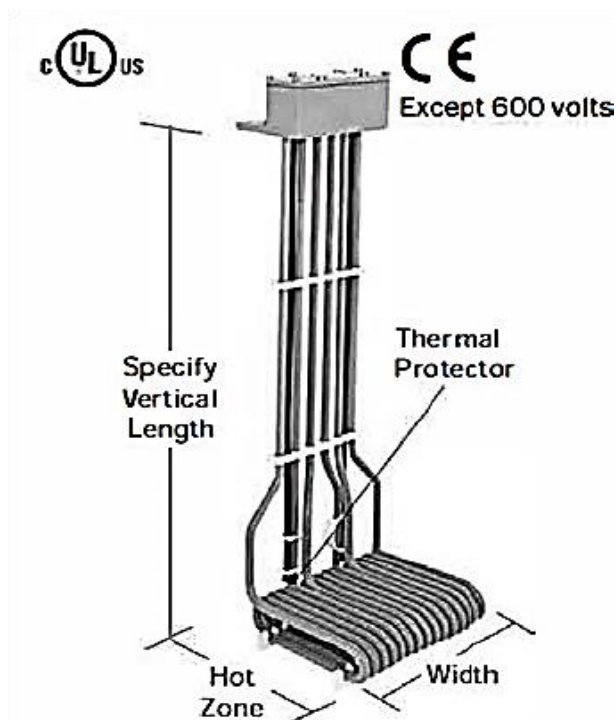
NO	DESCRIPTIONS	QUANTITY
24	12KW 3-Element L-Shaped SUS316 Stainless Steel Heater with Protector Model: 3LS12-208-26-R15S-PLII 440v, 50Hz, 3-P Horizontal Length: 26" Vertical Length: 15"	1 piece
25	12KW 3-Element L-Shaped SUS316 Stainless Steel Heater with Protector Model: 3LS12-415-26-R37.S-PLIM 415v, 50Hz, 3-P Horizontal Length: 26" Vertical Length: 37.5"	1 piece



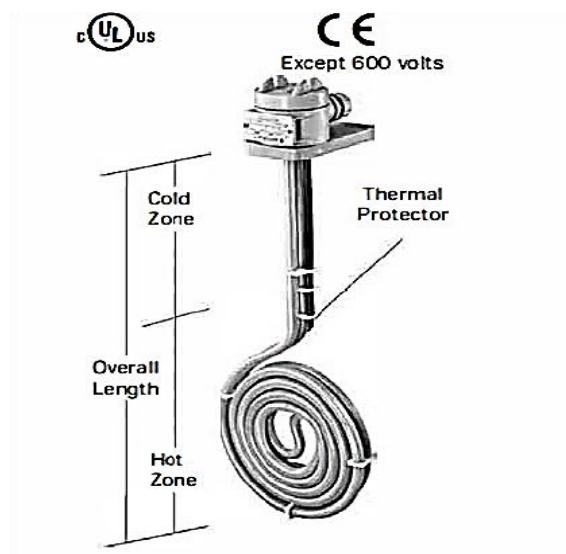
NO	ITEM	QUANTITY
26	6KW L-Shaped PTFE Heater with Protector Model: HXL6229X-R36-PTL-I 240v, 50Hz, 1-P Cold Zone: 30" Hot Zone: 29" Vertical Length: 36"	1 piece
27	5KW L-Shaped PTFE Heater with Protector Model: HXL5224X-R31-PTL-I 230v, 50Hz, 1-P Cold Zone: 36" Hot Zone: 24" Vertical Length: 31"	1 piece
28	4KW L-Shaped PTPE Heater with Protector Model: HXL4220X-R23-PTL-I 230v, 50Hz, 1-P Cold Zone: 40" Hot Zone: 20" Vertical Length: 23"	1 piece
29	3KW L-Shaped PTFE Heater with Protector Model: HXL3217X-R18C-PTL-I 230v, 50Hz, 1-P Cold Zone: 40" Hot Zone: 17" Vertical Length: 18"	1 piece

<div style="text-align: center;">  </div>		
NO	DESCRIPTIONS	QUANTITY
30	5KW L-Shaped PTFE Heater with Protector Model: HXFL5212-R18C-PTL-I 230v, 50Hz, 1-P Cold Zone: 31" Hot Zone: 12" Vertical Length: 18" Diameter: 12"	2 pieces

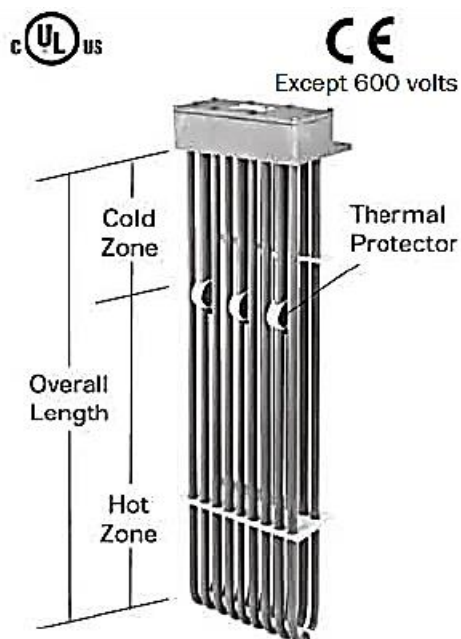
<div style="text-align: center;">  <p>Except 600 volts</p>  </div>		
NO	DESCRIPTIONS	QUANTITY
31	2KW Spiral PTFE Heater with Protector Model: HX2217X-PT-I 230v, 50Hz, 1-P Overall Length: 17" Hot Zone: 12"	4 pieces
32	2KW Spiral PTFE Heater with Protector Model: HX2217-PIII 230v, 50Hz, 1-P Overall Length: 17" Hot Zone: 12"	5 pieces
33	4KW Spiral PTFE Heater with Protector Model: HX4-415-29X-PT-I 415v, 50Hz, 3-P Overall Length: 29" Hot Zone: 20"	2 pieces
34	3KW Spiral PTFE Heater with Protector Model: HX3223-PT-III 230v, 50Hz, 1-P Overall Length: 23" Hot Zone: 16"	1 piece



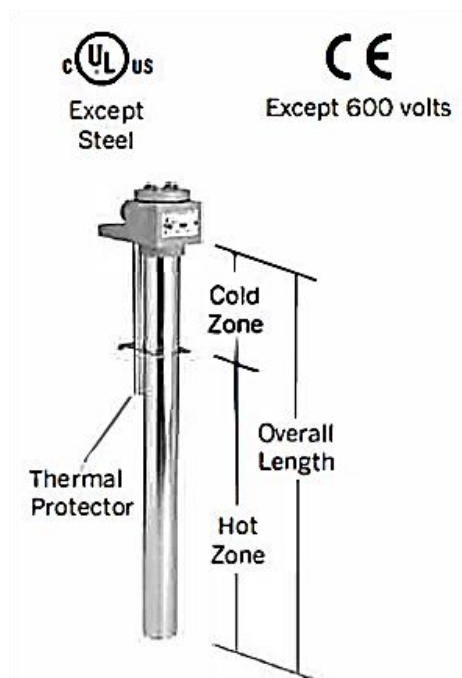
NO	DESCRIPTIONS	QUANTITY
35	4.5KW L-Shaped Multi Element PTFE Heater with Protector Model: 3HXOL4.5-415-10X-15-R19-PTL-I 415v, 50Hz, 3-P Width: 10" Hot Zone: 15" Vertical height: 19"	1 piece
36	12KW L-Shaped Multi Element PTFE Heater with Protector Model: 3HXOL12-415-10X-30-R22-PTL-II 415v, 50Hz, 3-P Width: 10" Hot Zone: 30" Vertical height: 22"	1 piece
37	4KW L-Shaped Multi Element PTFE Heater with Protector I Model: 3HXOL4-415-10X-15-R19-PTL-I 415v, 50Hz, 3-P Width: 10" Hot Zone: 15" Vertical height: 19"	2 pieces
38	6KW L-Shaped Multi Element PTFE Heater with Protector I Model: 3HXOL6-415-10X-19-R22-PTL-I 415v, 50Hz, 3-P Width: 10" Hot Zone: 19" Vertical height: 22"	1 piece



NO	ITEM	QUANTITY
39	2KW PTFE Heater, Flat with Protector Model: HXF2208-17-PT-II 230v, 50Hz, 1-P Cold Zone: 35" Overall Length: 17" Hot Zone: 9" Diameter: 8"	2 pieces
40	3KW PTFE Heater, Flat with Protector Model: HXF3209X-23-PT-I 230v, 50Hz, 1-P Cold Zone: 35" Overall Length: 23" Hot Zone: 10" Diameter: 9"	4 pieces
41	3KW PTFE Heater, Flat with Protector Model: HXF3209X-23-PT-II 230v, 50Hz, 1-P Cold Zone: 35" Overall Length: 23" Hot Zone: 10" Diameter: 9"	1 piece
42	2KW PTFE Heater, Flat with Protector Model: HXF3208X-17-PT-III 230v, 50Hz, 1-P Cold Zone: 35" Overall Length: 17" Hot Zone: 9" Diameter: 8"	1 piece



NO	DESCRIPTIONS	QUANTITY
43	6KW 9 Element PTFE Heater with Protector Model: 9HX6-415-29X-PT-I 415v, 50Hz, 3-P Overall Length: 29" Hot Zone: 21"	2 pieces



NO	DESCRIPTIONS	QUANTITY
44	4KW SUS316 Heater with Protector Model: S4229-PIM 230v, 50Hz, 1-P Overall Length: 29" Hot Zone: 20"	2 pieces
45	2KW SUS316 Heater with Protector Model: S2217-PIM 230v, 50Hz, 1-P Overall Length: 17" Hot Zone: 10"	3 pieces
46	3KW SUS316 Heater with Protector Model: S3223-PI 230v, 50Hz, 1-P Overall Length: 23" Hot Zone: 16"	3 pieces
47	4KW Titanium Heater with Protector Model: T-4229-PIM 230v, 50Hz, 1-P Overall Length: 29" Hot Zone: 20"	2 pieces

***STANDARD PROBE MATERIALS:**

S = STAINLESS STEEL

H = HASTELLOY C[®]

T = TITANIUM

G = GRAPHITE

FLUOROPOLYMER (PTFE) COVERED STANDARD



ESP SERIES, CAPACITIVE TYPE LEVEL CONTROLS

MODEL NUMBER	VOLTS	CONTACTS	MIN. LOAD	MAX. LOAD	MAX.AMB. TEMP	SENSING RANGE	SHIP WGT. <small>(Lbs./kg)</small>
ESP	120/265 VAC (50-60 Hz)	Field selectable N/O-N/C	10 mA	500 mA	176°F (80°C)	.12 to .98" (3-25mm)	1 (.5)

Monitors liquid level from outside of plastic or non-metallic tanks. Polyethylene, CPVC, and fluoropolymer mounting wells available for vertical mounting, consult factory.



NO	DESCRIPTIONS	QUANTITY
48	3 Titanium 12, Probe	3
49	3 Titanium 18, Probe	2
50	3 Stainless Steel 18, Probe	4