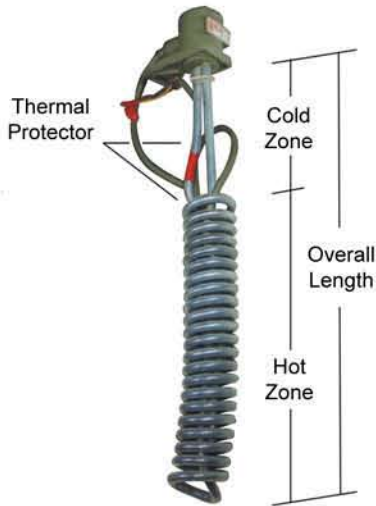


FLUOROPOLYMER (PTFE) HEATERS

10 Watts Per Square Inch (1.5 w/cm²)

SINGLE ELEMENT SPIRAL FLUOROPOLYMER (PTFE) HEATERS

Except 8 kW and 9 kW

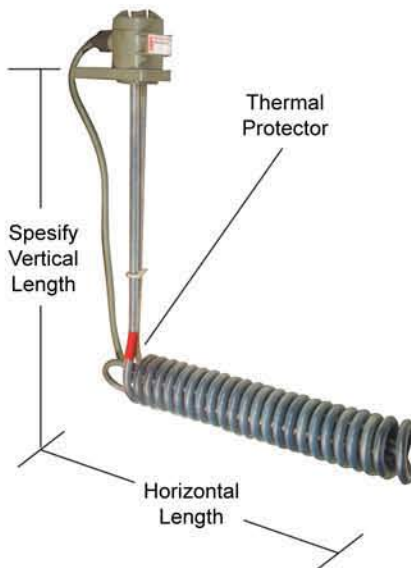


WATTS	VOLTS (See pg.1)	HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	MAX. COLD ZONE In./(mm)	MODEL NUMBER	SHIP WGT Lbs./kg)
500	120	5	11	41	HX.5111-**. (6)	6
	240	(125)	(280)	(1040)	HX.5211-**. (2.5)	(2.5)
1000	120	7	11	41	HX1111-**. (7)	7
	240	(180)	(280)	(1040)	HX1211-**. (3.5)	(3.5)
2000	120	12	17	40	HX2117-**. (8)	8
	240	(305)	(430)	(1015)	HX2217-**. (4)	(4)
	480				HX2417-**. (13)	
3000	240	16	23	40	HX3223-**. (6)	13
	480	(405)	(585)	(1015)	HX3423-**. (7)	(6)
4000	240	20	29	40	HX4229-**. (15)	15
	480	(510)	(735)	(1015)	HX4429-**. (8)	(7)
5000	240	25	35	36	HX5235-**. (18)	18
	480	(635)	(890)	(915)	HX5435-**. (8)	(8)
6000	240	29	40	30	HX6240-**. (21)	21
	480	(735)	(1015)	(760)	HX6440-**. (10)	(10)
8000	240	37	47	32	HX8247-**. (25)	25
	480	(940)	(1195)	(810)	HX8447-**. (12)	(12)
9000	240	44	54	35	HX9254-**. (28)	28
	480	(1120)	(1375)	(890)	HX9454-**. (13)	(13)

Single phase only. Longer vertical lengths and flexible risers available. Consult factory.

SINGLE ELEMENT SPIRAL, L-SHAPED FLUOROPOLYMER (PTFE) HEATERS

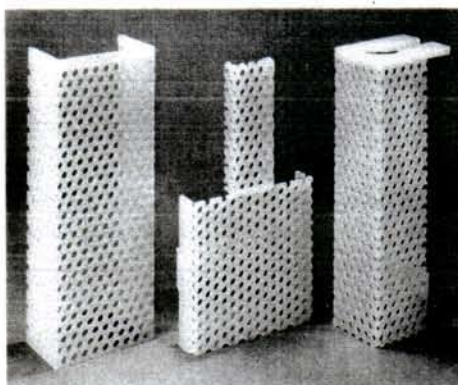
Except 8 kW and 9 kW



WATTS	VOLTS (See Pg.1)	HOT ZONE In./(mm)	STD. VERT. LENGTH* In./(mm)	MAX. COLD ZONE In./(mm)	MODEL NUMBER	SHIP WGT. Lbs./kg)
500	120	6	12	41	HXL.5106-R-**. (6)	6
	240	(155)	(305)	(1040)	HXL.5206-R-**. (2.5)	(2.5)
1000	120	8	12	41	HXL1108-R-**. (7)	7
	240	(205)	(305)	(1040)	HXL1208-R-**. (3.5)	(3.5)
2000	120	12	18	40	HXL2112-R-**. (8)	8
	240	(305)	(460)	(1015)	HXL2212-R-**. (4)	(4)
	480				HXL2412-R-**. (13)	
3000	240	17	18	40	HXL3217-R-**. (6)	13
	480	(430)	(460)	(1015)	HXL3417-R-**. (7)	(6)
4000	240	20	18	40	HXL4220-R-**. (15)	15
	480	(510)	(460)	(1015)	HXL4420-R-**. (8)	(7)
5000	240	24	18	36	HXL5224-R-**. (18)	18
	480	(610)	(460)	(915)	HXL5424-R-**. (8)	(8)
6000	240	29	18	30	HXL6229-R-**. (21)	21
	480	(735)	(460)	(760)	HXL6429-R-**. (10)	(10)
8000	240	37	18	32	HXL8237-R-**. (26)	26
	480	(940)	(460)	(810)	HXL8437-R-**. (12)	(12)
9000	240	44	18	35	HXL9244-R-**. (29)	29
	480	(1120)	(460)	(890)	HXL9444-R-**. (13)	(13)

*Specify vertical length by adding height in inches after "R". Example: HXL2212-R24-PTI. Single phase only. Longer vertical lengths and flexible risers available. Consult factory.

GUARDS RECOMMENDED FOR ALL FLUOROPOLYMER HEATERS



Standard guards made of polypropylene. Special fluoropolymer (PTFE) guards available for chromic acid and temperatures 180° F and above.

**Specify thermal overload protection desired. See page 1. All heaters must be operated in conjunction with appropriate temperature and level controls.