

HXRL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS															
WATTS	VOLTS	WIDTH		LENGTH		MODEL NUMBER	SHIP WGT. Lbs./ (kg)	WATTS	VOLTS	WIDTH		LENGTH		MODEL NUMBER	SHIP WGT. Lbs./ (kg)
		In./ (mm)	In./ (mm)	In./ (mm)	In./ (mm)					In./ (mm)	In./ (mm)				
1000	120	4	19			HXRL1104-19L-**	6	3000	240	18	13			HXRL3218-13L-**	12
	240	(100)	(485)			HXRL1204-19L-**	(2.5)		480	(460)	(330)			HXRL3418-13L-**	(5.5)
1000	120	6	13			HXRL1106-13L-**	6	4000	240	12	25			HXRL4212-25L-**	14
	240	(155)	(330)			HXRL1206-13L-**	(2.5)		480	(305)	(635)			HXRL4412-25L-**	(6.5)
1000	120	8	10			HXRL1108-10L-**	6	4000	240	14	22			HXRL4214-22L-**	14
	240	(205)	(255)			HXRL1208-10L-**	(2.5)		480	(355)	(560)			HXRL4414-22L-**	(6.5)
2000	120	6	25			HXRL2106-25L-**	7	4000	240	16	19			HXRL4216-19L-**	14
	240	(155)	(635)			HXRL2206-25L-**	(3.5)		480	(405)	(485)			HXRL4416-19L-**	(6.5)
2000	120	8	19			HXRL2108-19L-**	7	4000	240	18	17			HXRL4218-17L-**	14
	240	(205)	(485)			HXRL2208-19L-**	(3.5)		480	(460)	(430)			HXRL4418-17L-**	(6.5)
2000	120	10	15			HXRL2110-15L-**	7	4000	240	20	15			HXRL4220-15L-**	14
	240	(255)	(380)			HXRL2210-15L-**	(3.5)		480	(510)	(380)			HXRL4420-15L-**	(6.5)
2000	120	12	13			HXRL2112-13L-**	7	5000	240	12	31			HXRL5212-31L-**	17
	240	(305)	(330)			HXRL2212-13L-**	(3.5)		480	(305)	(790)			HXRL5412-31L-**	(8)
2000	120	14	11			HXRL2114-11L-**	7	5000	240	14	27			HXRL5214-27L-**	17
	240	(355)	(280)			HXRL2214-11L-**	(3.5)		480	(355)	(685)			HXRL5414-27L-**	(8)
3000	240	10	23			HXRL3210-23L-**	12	5000	240	16	23			HXRL5216-23L-**	17
	480	(255)	(585)			HXRL3410-23L-**	(5.5)		480	(405)	(585)			HXRL5416-23L-**	(8)
3000	240	12	19			HXRL3212-19L-**	12	6000	240	12	36			HXRL6212-36L-**	20
	480	(305)	(485)			HXRL3412-19L-**	(5.5)		480	(305)	(915)			HXRL6412-36L-**	(9)
3000	240	14	16			HXRL3214-16L-**	12	6000	240	14	30			HXRL6214-30L-**	20
	480	(355)	(405)			HXRL3414-16L-**	(5.5)		480	(355)	(765)			HXRL6414-30L-**	(9)
3000	240	16	14			HXRL3216-14L-**	12	6000	240	16	26			HXRL6216-26L-**	20
	480	(405)	(355)			HXRL3416-14L-**	(5.5)		480	(405)	(660)			HXRL6416-26L-**	(9)
3000	240	16	14			HXRL3216-14L-**	12	6000	240	20	21			HXRL6220-21L-**	20
	480	(405)	(355)			HXRL3416-14L-**	(5.5)		480	(510)	(535)			HXRL6420-21L-**	(9)

Other dimensional configurations available, consult factory. Single phase only. Fluoropolymer guards standard. Risers pictured in left position, right position available.

## Product Features and Benefits:

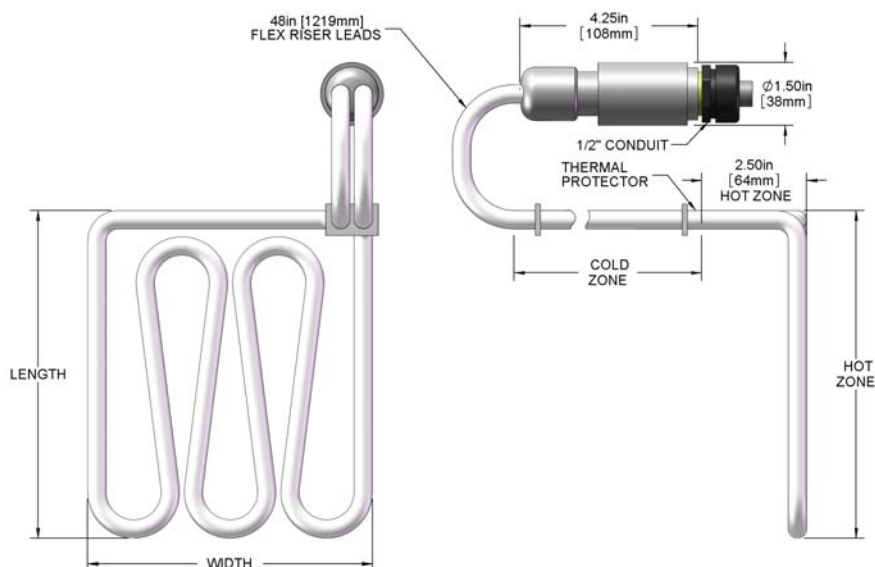
- ◆ **SUPERIOR CHEMICAL RESISTANCE:** Inert to most aqueous acid, alkaline, anodizing and pickling solutions up to 212°F (100°C).
- ◆ **RUGGED CONSTRUCTION:** Heavy wall fluoropolymer (PTFE) covered stainless steel element reduces permeation and eliminates the need for gas purge systems. Guaranteed 100% pinhole free.
- ◆ **FLUOROPOLYMER (PTFE) GUARD SOLD SEPARATELY.**
- ◆ **LONG LASTING PERFORMANCE:** Low watt density design (10 watts/square inch, 1.5w/cm<sup>2</sup>) for long service life.
- ◆ **FLEXIBLE RISER:** 4-foot (1.2m) continuous fluoropolymer (PTFE) cable leading to a vapor tight PVC terminal enclosure and 3-foot (.9m) flexible PVC liquid tight conduit.
- ◆ **SAFETY FEATURES:**
  - Grounded internal metal element.
  - Thermal protector built in. Resettable P3 J-type thermocouple standard.
  - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL listed to U.S. and Canadian safety requirements, and CE.
- ◆ **SIZES:** 1,000 watts to 6,000 watts.
- ◆ **VOLTAGES:** 120, 240 or 480 volts. 208, 380, 415, 600 and other voltages available. Single phase only.
- ◆ **OPTIONS AVAILABLE (consult factory):**
  - Longer fluoropolymer (PTFE) riser lengths.
  - Rigid riser with vapor tight, flame retardant polypropylene terminal enclosure and either replaceable or resettable thermal protectors.
  - Element "Purge" option for chemicals that aggressively permeate fluoropolymer sheath.
  - Special configurations.
  - Longer wire and conduit lengths.
  - Lower watt densities for highly viscous solutions and technical acids.
  - Temperature and level controls sized to match the heater.

Your Distributor:

80 Metcalfe Street • Buffalo, NY 14206 U.S.A. • US/CN: 800-777-2436 • 716-856-2300 • Fax: 716-856-7115

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## DIMENSIONS



## HXRL FLUOROPOLYMER (PTFE) HEATER ORDERING INFORMATION

Series	Wattage	Voltage	Width (in.)	Length (in.)	Riser Location	Riser Option	Type of Fuse	Wire and Conduit Length
	1 = 1000 2 = 2000 3 = 3000 4 = 4000 5 = 5000 6 = 6000	1 = 120 2 = 240 3 = 380 4 = 480 5 = 415 6 = 600 7 = 400 8 = 208 9 = 220 0 = 200	specify in inches	specify in inches	L = left front corner R = right front corner	-FR = flex riser length specify in inches Ex: -FR48 = 48" -R = rigid riser length		no designator = 36" length standard specify variations from standard Ex: -X84 = 84" wire and conduit
HXRL = PTFE HSRL = 304 stainless steel (rigid riser only)					1 inch = 25.4mm			
<b>Thermal Protector (flex riser)</b>								
(additional control components required)								
-P3								for solutions up to 250°F (121°C)
<b>Thermal Protector (rigid riser)</b>								
<b>Replaceable Fuse</b>								
-P1 (std)								for solutions up to 190°F
-P4								for 190° - 220°F solutions
<b>Resettable Fuse</b>								
(additional control components required)								
-P2								for solutions up to 190°F
-P8								for 190° - 210°F solutions
-P3								for 210° - 250°F solutions

### ORDERING EXAMPLE:

HXRL3414-16L-FR54-P3

L-shaped (serpentine configuration), fluoropolymer, 3,000 watts, 480 volt, 14" width, 16" length, riser located in the front left corner, 54" flex riser, P3 thermal protector.

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