

HXRL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS											
WATTS	VOLTS	MODEL		SHIP	WATTS	VOLTS	MODEL		SHIP	WATTS	VOLTS
		WIDTH	LENGTH				NUMBER	WG.T.			
		In. (mm)	In. (mm)	Lbs. (kg)			In. (mm)	In. (mm)	Lbs. (kg)		
1000	120	4	19	6	3000	240	16	14	12		
	240	(100)	(485)	(2.5)		480	(405)	(355)	(5.5)		
1000	120	6	13	6	3000	240	18	13	12		
	240	(155)	(330)	(2.5)		480	(460)	(330)	(5.5)		
1000	120	8	10	6	4000	240	12	25	14		
	240	(205)	(255)	(2.5)		480	(305)	(635)	(6.5)		
2000	120	6	25	7	4000	240	14	22	14		
	240	(155)	(635)	(3.5)		480	(355)	(580)	(6.5)		
	480				4000	240	18	17	14		
						480	(460)	(430)	(6.5)		
2000	120	8	19	7	4000	240	20	15	14		
	240	(205)	(485)	(3.5)		480	(510)	(380)	(6.5)		
	480					480					
						480					
2000	120	10	15	7	5000	240	12	31	17		
	240	(255)	(380)	(3.5)		480	(305)	(790)	(8)		
	480					480					
						480					
2000	120	12	13	7	5000	240	14	27	17		
	240	(305)	(330)	(3.5)		480	(355)	(685)	(8)		
	480					480					
						480					
2000	120	14	11	7	5000	240	18	21	17		
	240	(355)	(280)	(3.5)		480	(460)	(535)	(8)		
	480					480					
						480					
3000	240	10	23	12	6000	240	12	36	20		
	480	(255)	(585)	(5.5)		480	(305)	(915)	(9)		
						480					
						480					
3000	240	12	19	12	6000	240	14	30	20		
	480	(305)	(485)	(5.5)		480	(355)	(765)	(9)		
						480					
						480					
3000	240	14	16	12	6000	240	16	26	20		
	480	(355)	(405)	(5.5)		480	(405)	(660)	(9)		
						480					
						480					

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 STANDARD.**
- ◆ **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 PIII J-type thermocouple standard.
  - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL 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.
  - 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.

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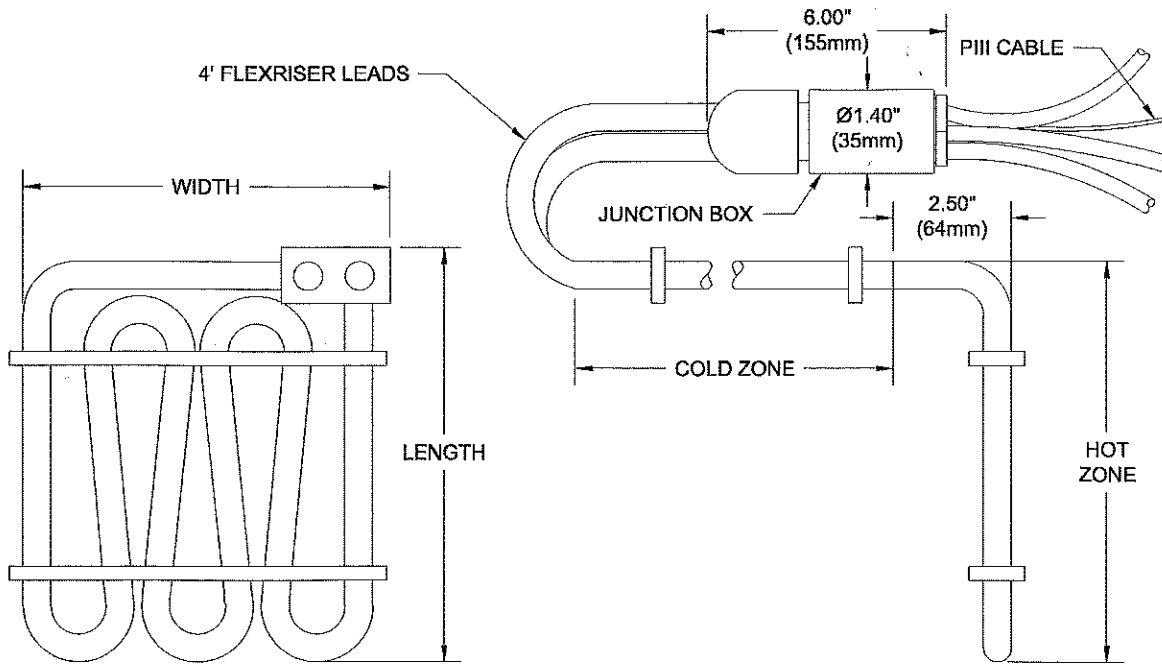
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## DIMENSIONS



## HXRL FLUOROPOLYMER (PTFE) HEATER

Series	Wattage	Voltage	Width	Options	Length	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 4 = 480 -208 = 208 -380 = 380 -415 = 415 -600 = 600	specify in inches		specify in inches				no designator = 36" length standard specify variations from standard Ex: -X84 = 84" wire and conduit
	HXRL = PTFE HSRL = 304 stainless steel (rigid riser only)								<b>Thermal Protector</b> (additional control components required) -PIII for solutions up to 250°F (121°C)
	X = any special configuration not called out in the part number (specify in clear text) C = complete with guard					L = left front corner R = right front corner	-FR = flex riser length specify in inches Ex: -FR48 = 48" -R = rigid riser length		

### ORDERING EXAMPLE:

HXRL3414C-16L-FR54-PIII

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

**PROCESS  
TECHNOLOGY**

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