

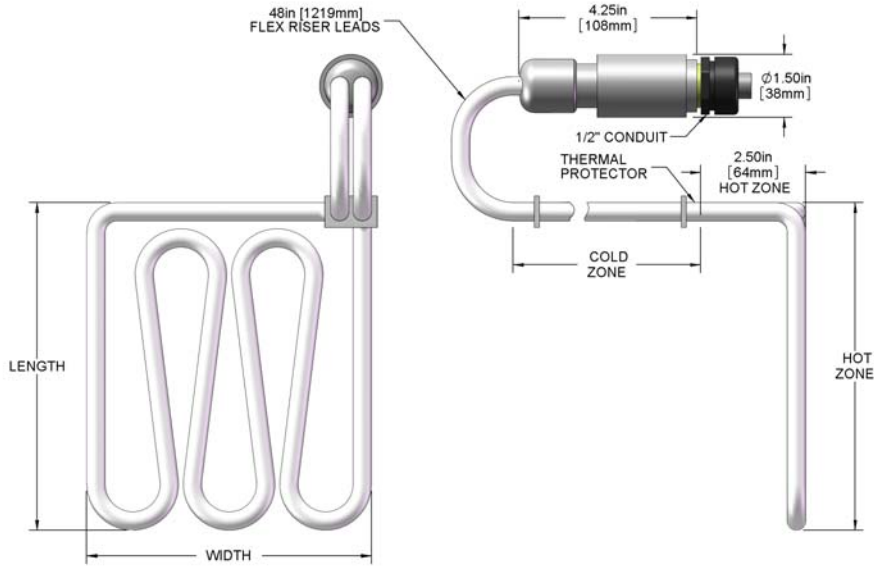
HXRL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS													
WATTS	VOLTS	WIDTH	LENGTH	MODEL		SHIP	WATTS	VOLTS	WIDTH	LENGTH	MODEL		SHIP
				NUMBER	WTG.						NUMBER	WTG.	
		In./	In./			Lbs./							Lbs./
		(mm)	(mm)			(kg)							(kg)
1000	120	4	19	HXRL1104-19L-*	6	3000	240	18	13	HXRL3218-13L-*	12		
	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)		
	480			HXRL2406-25L-*		4000	240	18	17	HXRL4218-17L-*	14		
2000	120	8	19	HXRL2108-19L-*	7		480	(460)	(430)	HXRL4418-17L-*	(6.5)		
	240	(205)	(485)	HXRL2208-19L-*	(3.5)	4000	240	20	15	HXRL4220-15L-*	14		
	480			HXRL2408-19L-*			480	(510)	(380)	HXRL4420-15L-*	(6.5)		
2000	120	10	15	HXRL2110-15L-*	7	5000	240	12	31	HXRL5212-31L-*	17		
	240	(255)	(380)	HXRL2210-15L-*	(3.5)		480	(305)	(790)	HXRL5412-31L-*	(8)		
	480			HXRL2410-15L-*		5000	240	14	27	HXRL5214-27L-*	17		
2000	120	12	13	HXRL2112-13L-*	7		480	(355)	(685)	HXRL5414-27L-*	(8)		
	240	(305)	(330)	HXRL2212-13L-*	(3.5)	5000	240	16	23	HXRL5216-23L-*	17		
	480			HXRL2412-13L-*			480	(405)	(585)	HXRL5416-23L-*	(8)		
2000	120	14	11	HXRL2114-11L-*	7	5000	240	18	21	HXRL5218-21L-*	17		
	240	(355)	(280)	HXRL2214-11L-*	(3.5)		480	(460)	(535)	HXRL5418-21L-*	(8)		
	480			HXRL2414-11L-*		6000	240	12	36	HXRL6212-36L-*	20		
3000	240	10	23	HXRL3210-23L-*	12		480	(305)	(915)	HXRL6412-36L-*	(9)		
	480	(255)	(585)	HXRL3410-23L-*	(5.5)	6000	240	14	30	HXRL6214-30L-*	20		
3000	240	12	19	HXRL3212-19L-*	12		480	(355)	(765)	HXRL6414-30L-*	(9)		
	480	(305)	(485)	HXRL3412-19L-*	(5.5)	6000	240	16	26	HXRL6216-26L-*	20		
3000	240	14	16	HXRL3214-16L-*	12		480	(405)	(660)	HXRL6416-26L-*	(9)		
	480	(355)	(405)	HXRL3414-16L-*	(5.5)	6000	240	20	21	HXRL6220-21L-*	20		
3000	240	16	14	HXRL3216-14L-*	12		480	(510)	(535)	HXRL6420-21L-*	(9)		
	480	(405)	(355)	HXRL3416-14L-*	(5.5)								

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/cm²) 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.

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)							Thermal Protector (flex riser) (additional control components required) -P3 for solutions up to 250°F (121°C)
								Thermal Protector (rigid riser) Replaceable Fuse -P1 (std) for solutions up to 190°F -P4 for 190° - 220°F solutions
								Resettable Fuse (additional control components required) -P2 for solutions up to 190°F -P8 for 190° - 210°F solutions -P3 for 210° - 250°F solutions

1 inch = 25.4mm

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.

**PROCESS
TECHNOLOGY**