

# HXRL Series

## Fluoropolymer Heater

### PRODUCT DATA SHEET

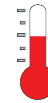
**Excellent chemical resistance to aggressive acids!**

Inert to most solutions

Low Watt density design saves space & ensures long life

Corrosion-resistant head

Built-in thermal protector & grounded element



Up to 100°C (212°F)



1000 to 6,000 Watts



120 to 600 Volts  
(600V on 4,500W or lower only)



PTFE sleeved 304 stainless steel



CE (except 600 Volts)

HXRL SERIES, FLEX RISER FLUOROPOLYMER (PTFE) HEATERS											
WATTS	VOLTS	WIDTH in/(mm)	LENGTH in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)	WATTS	VOLTS	WIDTH in/(mm)	LENGTH in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
1000	120	4	19	HXRL1104-19L**	6	3000	240	18	13	HXRL3218-13L**	12
240	(102)	(483)		HXRL1104-19L**	(2.7)	480	(457)	(330)		HXRL3418-13L**	(5.4)
1000	120	6	13	HXRL1106-13L**	6	4000	240	12	25	HXRL4212-25L**	14
240	(152)	(330)		HXRL1106-13L**	(2.7)	480	(305)	(635)		HXRL4412-25L**	(6.4)
1000	120	8	10	HXRL1108-10L**	6	4000	240	14	22	HXRL4214-22L**	14
240	(203)	(254)		HXRL1108-10L**	(2.7)	480	(356)	(559)		HXRL4414-22L**	(6.4)
2000	120	6	25	HXRL2106-25L**	7	4000	240	16	19	HXRL4216-19L**	14
240	(152)	(635)		HXRL2106-25L**	(3.2)	480	(406)	(483)		HXRL4416-19L**	(6.4)
480				HXRL2406-25L**		4000	240	18	17	HXRL4218-17L**	14
2000	120	8	19	HXRL2108-19L**	7	480	(457)	(432)		HXRL4418-17L**	(6.4)
240	(203)	(483)		HXRL2108-19L**	(3.2)	4000	240	20	15	HXRL4220-15L**	14
480				HXRL2408-19L**		480	(508)	(381)		HXRL4420-15L**	(6.4)
2000	120	10	15	HXRL2110-15L**	7	5000	240	12	31	HXRL5212-31L**	17
240	(254)	(381)		HXRL2110-15L**	(3.2)	480	(305)	(787)		HXRL5412-31L**	(7.7)
480				HXRL2410-15L**		5000	240	14	27	HXRL5214-27L**	17
2000	120	12	13	HXRL2112-13L**	7	480	(356)	(686)		HXRL5414-27L**	(7.7)
240	(305)	(330)		HXRL2112-13L**	(3.2)	5000	240	16	23	HXRL5216-23L**	17
480				HXRL2412-13L**		480	(406)	(584)		HXRL5416-23L**	(7.7)
2000	120	14	11	HXRL2114-11L**	7	5000	240	18	21	HXRL5218-21L**	17
240	(356)	(279)		HXRL2114-11L**	(3.2)	480	(457)	(533)		HXRL5418-21L**	(7.7)
480				HXRL2414-11L**		6000	240	12	36	HXRL6212-36L**	20
3000	240	10	23	HXRL3210-23L**	12	480	(305)	(914)		HXRL6412-36L**	(9.1)
480	(254)	(584)		HXRL3410-23L**	(5.4)	6000	240	14	30	HXRL6214-30L**	20
3000	240	12	19	HXRL3212-19L**	12	480	(356)	(762)		HXRL6414-30L**	(9.1)
480	(305)	(483)		HXRL3412-19L**	(5.4)	6000	240	16	26	HXRL6216-26L**	20
3000	240	14	16	HXRL3214-16L**	12	480	(406)	(660)		HXRL6416-26L**	(9.1)
480	(356)	(406)		HXRL3414-16L**	(5.4)	6000	240	20	21	HXRL6220-21L**	20
3000	240	16	14	HXRL3216-14L**	12	480	(508)	(533)		HXRL6420-21L**	(9.1)
480	(406)	(356)		HXRL3416-14L**	(5.4)						

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



## Features & Values

- Inert to most aqueous acid, alkaline, anodizing, & pickling solutions up to 100°C (212°F)
- Rugged, heavy wall PTFE covered stainless steel element reduces permeation. Guaranteed 100% pinhole free
- Space saving & long service life with low Watt density design of 10 W/in<sup>2</sup> (1.5 W/cm<sup>2</sup>)
- Flexible riser with 4 ft. (1.2m) of continuous PTFE cable leading to vapor-resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit
- Optional patented purge feature promotes a longer heater life by reducing chemical permeation
- Lower Watt densities available for highly viscous solutions & technical acids

## Specifications

**Wattages** 1,000 to 6,000 Watts

**Voltages** 120 to 600 Volts  
(600V on 4,500W or lower only)  
Single phase only.

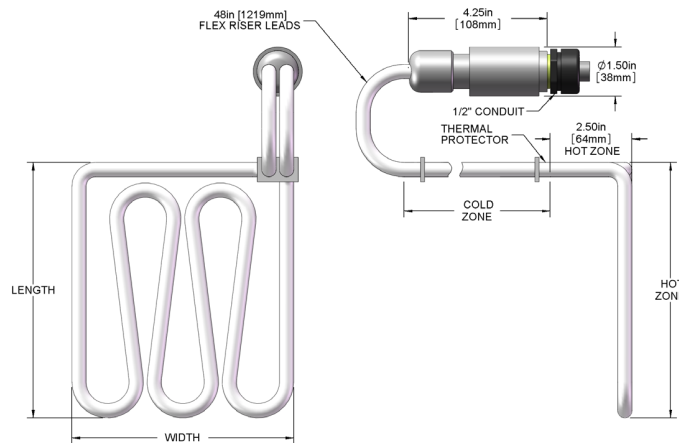
**Temperature Range** Up to 100°C (212°F)

**Safety Features**

- Grounded internal metal element
- Built-in thermal protector. Resettable P3 protector standard for up to 121°C (250°F). Other options available
- Non-floating construction

**Certifications** CE compliant (except 600V)

## Dimensions



## Model Number Breakdown

Series	Wattage	Voltage	Width	Length	Riser Location	Riser Option	Type of Protector	Wire & Conduit Length
HXRL = PTFE	1 = 1000	1 = 120	Specify in inches	Specify in inches	L = left front corner R = right front corner	FR = flex riser length, specify length in inches Ex: FR48 = 48" R = rigid riser length	Thermal Protector (flex riser) Resettable Fuse P3 = solutions up to 250°F (121°C)	36" length standard (no designator) Specify variations from standard Ex: -X84 = 84"
	2 = 2000	2 = 240					Thermal Protector (rigid riser) Replaceable Fuse	
	3 = 3000	3 = 380					P1 (std) = solutions up to 190°F	
	4 = 4000	4 = 480					P4 = solutions up to 220°F	
	5 = 5000	5 = 415					Resettable Fuse	
	6 = 6000	6 = 600					P2 = solutions up to 190°F	
		7 = 400					P8 = 190° to 210°F	
		8 = 208					P3 = 210° to 250°F	
		9 = 220						
		0 = 200						

