

HXRL Series

PRODUCT DATA SHEET

Fluoropolymer Heater

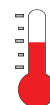
Excellent chemical resistance to aggressive acids!

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



cULus
CE (except 600 Volts)

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)	HXRL1204-19L**	(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)	HXRL1206-13L**	(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)	HXRL1208-10L**	(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)	HXRL2206-25L**	(3.2)			480 (406)	(483)	HXRL4416-19L**	(6.4)
				HXRL2406-25L**		4000	240	18	17	HXRL4218-17L**	14
								480 (457)	(432)	HXRL4418-17L**	(6.4)
2000	120	8	19	HXRL2108-19L**	7	4000	240	20	15	HXRL4220-15L**	14
		240 (203)	(483)	HXRL2208-19L**	(3.2)			480 (508)	(381)	HXRL4420-15L**	(6.4)
				HXRL2408-19L**		5000	240	12	31	HXRL5212-31L**	17
2000	120	10	15	HXRL2110-15L**	7			480 (305)	(787)	HXRL5412-31L**	(7.7)
		240 (254)	(381)	HXRL2210-15L**	(3.2)			480 (356)	(686)	HXRL5414-27L**	(7.7)
				HXRL2410-15L**		5000	240	14	27	HXRL5214-27L**	17
2000	120	12	13	HXRL2112-13L**	7			480 (406)	(584)	HXRL5416-23L**	17
		240 (305)	(330)	HXRL2212-13L**	(3.2)			480 (457)	(533)	HXRL5418-21L**	(7.7)
				HXRL2412-13L**		6000	240	12	36	HXRL6212-36L**	20
2000	120	14	11	HXRL2114-11L**	7			480 (305)	(914)	HXRL6412-36L**	(9.1)
		240 (356)	(279)	HXRL2214-11L**	(3.2)			480 (356)	(762)	HXRL6414-30L**	(9.1)
				HXRL2414-11L**		6000	240	16	26	HXRL6216-26L**	20
3000	240	10	23	HXRL3210-23L**	12			480 (406)	(660)	HXRL6416-26L**	(9.1)
		480 (254)	(584)	HXRL3410-23L**	(5.4)	6000	240	20	21	HXRL6220-21L**	20
3000	240	12	19	HXRL3212-19L**	12			480 (508)	(533)	HXRL6420-21L**	(9.1)
		480 (305)	(483)	HXRL3412-19L**	(5.4)						
3000	240	14	16	HXRL3214-16L**	12						
		480 (356)	(406)	HXRL3414-16L**	(5.4)						
3000	240	16	14	HXRL3216-14L**	12						
		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

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ISO 9001:2015
WITH DESIGN CERTIFIED

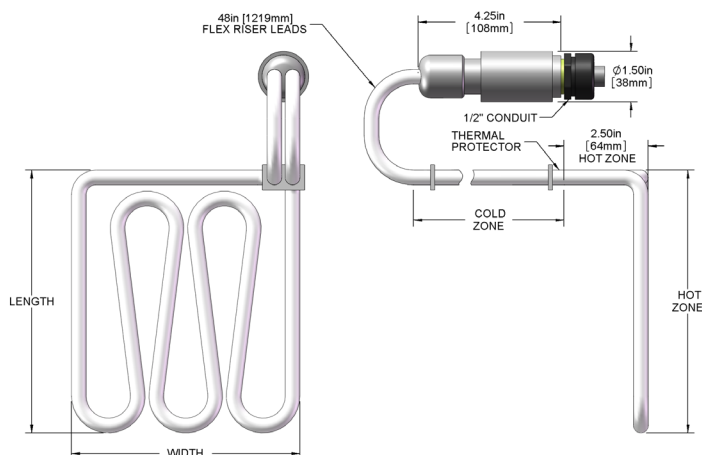
Features & Values

- 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/in² (1.5 W/cm²)
- 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	cULus listed CE compliant (except 600V)

Dimensions



Model Number Breakdown

HXRL	3	4	14	16	L	FR54	P3	
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 (Type-J TC) 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 (Type-J TC) P1 (std) = solutions up to 190°F P4 = solutions up to 220°F	
	3 = 3000	3 = 380					Resettable Fuse (Type-J TC) P2 = solutions up to 190°F P8 = 190° to 210°F P3 = 210° to 250°F	
	4 = 4000	4 = 480						
	5 = 5000	5 = 415						
	6 = 6000	6 = 600						
		7 = 400						
		8 = 208						
		9 = 220						
		0 = 200						

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