

# HXOL Series

## Fluoropolymer Heater

### PRODUCT DATA SHEET

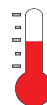
**Excellent chemical resistance to aggressive acids!**

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)

HXOL 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	2	11	HXOL1102-11L-**-	6	4000	240	6	14	HXOL4206-14L-**-	14
	240	(50)	(280)	HXOL1202-11L-**-	(2.5)		480	(155)	(355)	HXOL4406-14L-**-	(6.5)
1000	120	4	8	HXOL1104-08L-**-	6	4000	240	8	11	HXOL4208-11L-**-	14
	240	(100)	(205)	HXOL1204-08L-**-	(2.5)		480	(205)	(280)	HXOL4408-11L-**-	(6.5)
2000	120	4	13	HXOL2104-13L-**-	7	5000	240	6	18	HXOL5206-18L-**-	17
	240	(100)	(330)	HXOL2204-13L-**-	(3.5)		480	(155)	(460)	HXOL5406-18L-**-	(8)
	480			HXOL2404-13L-**-		5000	240	8	13	HXOL5208-13L-**-	17
2000	120	5	10	HXOL2105-10L-**-	7		480	(205)	(330)	HXOL5408-13L-**-	(8)
	240	(125)	(255)	HXOL2205-10L-**-	(3.5)	5000	240	9	11	HXOL5209-11L-**-	17
	480			HXOL2405-10L-**-			480	(230)	(280)	HXOL5409-11L-**-	(8)
2000	120	6	8	HXOL2106-08L-**-	7	5000	240	10	10	HXOL5210-10L-**-	17
	240	(155)	(205)	HXOL2206-08L-**-	(3.5)		480	(255)	(255)	HXOL5410-10L-**-	(8)
	480			HXOL2406-08L-**-		6000	240	7	18	HXOL6207-18L-**-	20
3000	240	4	18	HXOL3204-18L-**-	12		480	(180)	(460)	HXOL6407-18L-**-	(9)
	480	(100)	(460)	HXOL3404-18L-**-	(5.5)	6000	240	8	15	HXOL6208-15L-**-	20
3000	240	5	12	HXOL3205-12L-**-	12		480	(205)	(380)	HXOL6408-15L-**-	(9)
	480	(125)	(305)	HXOL3405-12L-**-	(5.5)	6000	240	9	13	HXOL6209-13L-**-	20
3000	240	6	11	HXOL3206-11L-**-	12		480	(230)	(330)	HXOL6409-13L-**-	(9)
	480	(155)	(280)	HXOL3406-11L-**-	(5.5)	6000	240	10	12	HXOL6210-12L-**-	20
3000	240	8	8	HXOL3208-08L-**-	12		480	(255)	(305)	HXOL6410-12L-**-	(9)
	480	(205)	(205)	HXOL3408-08L-**-	(5.5)	6000	240	11	11	HXOL6211-11L-**-	20
4000	240	5	18	HXOL4205-18L-**-	14		480	(280)	(280)	HXOL6411-11L-**-	(9)
	480	(125)	(460)	HXOL4405-18L-**-	(6.5)						

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

**PROCESS  
TECHNOLOGY**

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/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.

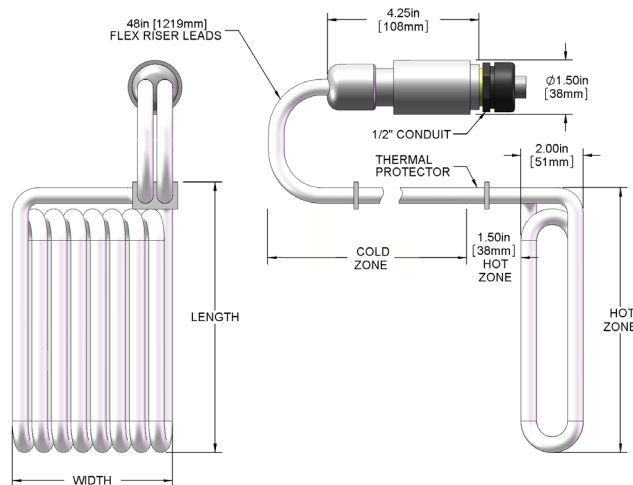
**Temperature Range** Up to 100°C (212°F)

**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
HXOL = 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 P1 (std) = solutions up to 180°F P4 = solutions up to 230°F	
	3 = 3000	3 = 380					Resettable Fuse 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						

**PROCESS  
TECHNOLOGY**