

HXFL Series

PRODUCT DATA SHEET

Fluoropolymer Heater

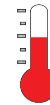
Excellent chemical resistance to aggressive acids!

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)



500 to 6,000 Watts



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



PTFE sleeved 304 stainless steel



cULus
CE (except 600 Volts)

HXFL SERIES, LOW PROFILE L-SHAPED FLUOROPOLYMER (PTFE) HEATERS							
WATTS	VOLTS	HOT ZONE in/(mm)	STD. VERT. LENGTH in/(mm)	DIA. in/(mm)	MAX. COLD ZONE in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
500	120	5	12	5	36	HXFL5105-R-***	6
		(127)	(305)	(127)	(914)	HXFL5205-R-***	(2.7)
1000	120	6	12	6	36	HXFL1106-R-***	7
		(152)	(305)	(152)	(914)	HXFL1206-R-***	(3.2)
2000	120	8	18	8	35	HXFL2108-R-***	8
		(203)	(457)	(203)	(889)	HXFL2208-R-***	(3.6)
						HXFL2408-R-***	
3000	240	9	18	9	35	HXFL3209-R-***	13
		(229)	(457)	(229)	(889)	HXFL3409-R-***	(5.9)
4000	240	11	18	11	35	HXFL4211-R-***	15
		(279)	(457)	(279)	(889)	HXFL4411-R-***	(6.8)
5000	240	12	18	12	31	HXFL5212-R-***	18
		(305)	(457)	(305)	(787)	HXFL5412-R-***	(8.2)
6000	240	13	18	13	25	HXFL6213-R-***	22
		(330)	(457)	(330)	(635)	HXFL6413-R-***	(10)

Single phase only. Guards recommended. This configuration is not recommended for electroless chemistry, phosphoric acid, or applications prone to sludge buildup.

PROCESS TECHNOLOGY

ISO 9001:2015
WITH DESIGN CERTIFIED

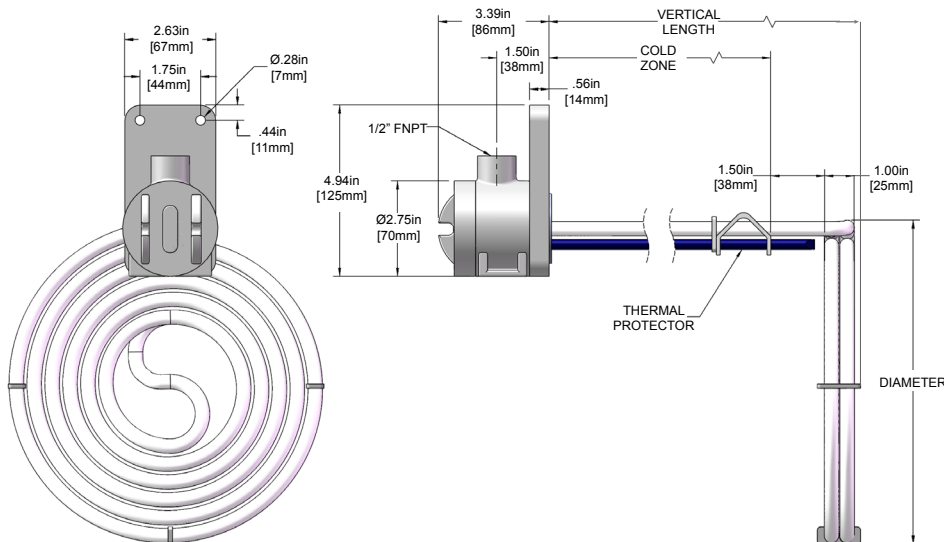
Features & Values

- 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/in² (1.5 W/cm²)
- Vapor-resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit
- Lower Watt densities available for highly viscous solutions & technical acids
- Optional patented purge feature promotes longer heater life

Specifications

Wattages	500 to 6,000 Watts
Voltages	120 to 600 Volts (600V on 4,500W or lower only)
Temperature Range	Up to 100°C (212°F)
Safety Features	<ul style="list-style-type: none"> ▫ Grounded internal metal element ▫ Built-in thermal protector. Replaceable P1 protector standard for up to 82°C (180°F). Other options available ▫ Non-floating construction
Certifications	cULus listed CE compliant (except 600V)

Dimensions



Model Number Breakdown

Series	Wattage	Voltage	Diameter (in.)	Vertical Length (in.)	Type of Protector	Wire & Conduit Length
HXFL = PTFE	.5 = 500	1 = 120	05 = .5kW	R12 = .5kW	Replaceable Fuse (Type-J TC)	36" length standard (no designator)
	1 = 1000	2 = 240	06 = 1kW	R12 = 1kW	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"
	2 = 2000	3 = 380	08 = 2kW	R18 = 2kW	Resettable Fuse (Type-J TC)	
	3 = 3000	4 = 480	09 = 3kW	R18 = 3kW	P2 = solutions up to 190°F	
	4 = 4000	5 = 415	11 = 4kW	R18 = 4kW	P8 = solutions up to 210°F	
	5 = 5000	6 = 600	12 = 5kW	R18 = 5kW	P3 = solutions up to 250°F	
	6 = 6000	7 = 400	13 = 6kW	R18 = 6kW		
		8 = 208		Specify custom lengths		
		9 = 220				
		0 = 200				

