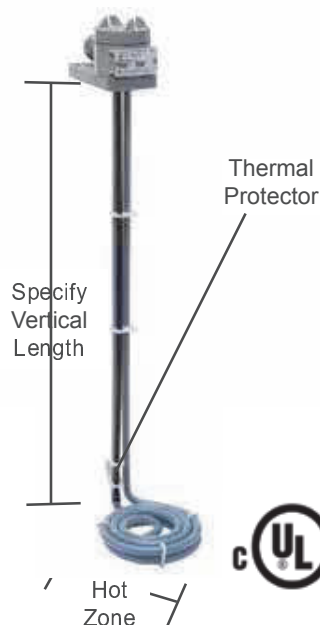




HXFL SERIES, LOW PROFILE L-SHAPED FLUOROPOLYMER (PTFE) HEATERS							
WATTS	VOLTS	HOT ZONE	STD. VERT. LENGTH*	DIA.	MAX. COLD ZONE	MODEL NUMBER	SHIP WGT.
	(See Pg.1)	In./(mm)	In./(mm)	In./(mm)			Lbs./(kg)
500	120	5	12	5	36	HXFL.5105-R*-**	6
	240	(127)	(305)	(127)	(914)	HXFL.5205-R*-**	(2.7)
1000	120	6	12	6	36	HXFL1106-R*-**	7
	240	(152)	(305)	(152)	(914)	HXFL1206-R*-**	(3.2)
2000	120	8	18	8	35	HXFL2108-R*-**	8
	240	(203)	(457)	(203)	(889)	HXFL2208-R*-**	(3.6)
	480					HXFL2408-R*-**	
3000	240	9	18	9	35	HXFL3209-R*-**	13
	480	(229)	(457)	(229)	(889)	HXFL3409-R*-**	(5.9)
4000	240	11	18	11	35	HXFL4211-R*-**	15
	480	(279)	(457)	(279)	(889)	HXFL4411-R*-**	(6.8)
5000	240	12	18	12	31	HXFL5212-R*-**	18
	480	(305)	(457)	(305)	(787)	HXFL5412-R*-**	(8.2)
6000	240	13	18	13	25	HXFL6213-R*-**	22
	480	(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.

HXFL Series Heater 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 reduces the need for gas purge systems. Guaranteed 100% pinhole free.

OUTSTANDING PERFORMANCE:

- ♦ Low watt density design (10 watts/square inch (1.5w/cm²)) uses minimal space and ensure long service life.

CORROSION RESISTANT HEAD:

- ♦ Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC liquid tight conduit.

SAFETY FEATURES:

- ♦ Grounded internal metal element.
- ♦ Thermal protector built in. Replaceable P1 protector standard for solutions up to 180°F(82°C).
- ♦ Non-floating construction.

CERTIFICATIONS: cULus listed and CE compliant (except 600 volts).

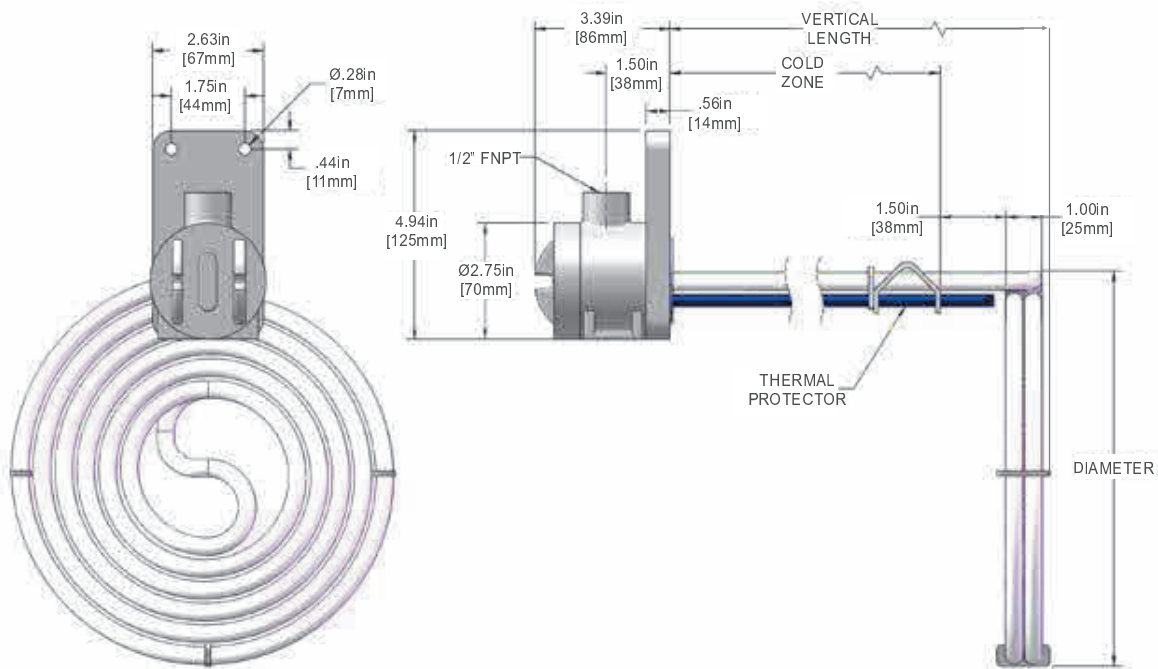
SIZES: 500 watts to 6,000 watts.

VOLTAGES: 120 to 600 volts.

OPTIONS AVAILABLE (consult factory):

- ♦ Resettable thermal protectors:
 - P2: For solutions up to 180°F(82°C)
 - P8: Type-J thermocouple for solutions up to 210°F(99°C).
 - P3: Type-J thermocouple for solutions up to 250°F(121°C).
- ♦ Polypropylene guards: Recommended for applications up to 180°F(82°C) (sold separately).
- ♦ Fluoropolymer (PTFE) guards: Recommended for chromic acid and solutions over 180°F(82°C) (sold separately).
- ♦ Special configurations and lengths.
- ♦ Longer wire and conduit lengths.
- ♦ Flexible continuous fluoropolymer leads (P3 protector only).
- ♦ Lower watt densities for highly viscous solutions and technical acids.
- ♦ Temperature and level controls sized to match the heater. (sold separately)

DIMENSIONS



LOW PROFILE FLUOROPOLYMER (PTFE) HEATER ORDERING INFORMATION

Series	Wattage	Voltage	Diameter	Vertical Length (in.)	Type of Protector	Wire and Conduit Length								
	.5 = 500	1 = 120	05 = .5kW	-R12 = .5kW		36" conduit length standard (no designator) Specify variations from standard Ex: -X84 = 84"								
	1 = 1000	2 = 240	06 = 1kW	-R12 = 1kW										
	2 = 2000	3 = 380	08 = 2W	-R18 = 2kW										
	3 = 3000	4 = 480	09 = 3kW	-R18 = 3kW										
	4 = 4000	5 = 415	11 = 4kW	-R18 = 4kW										
	5 = 5000	6 = 600	12 = 5kW	-R18 = 5kW										
	6 = 6000	7 = 400	13 = 6kW	-R18 = 6kW										
		8 = 208		Specify custom lengths, not to exceed tank length.										
		9 = 220												
		0 = 200												
	HXFL = PTFE HSFL = 304 Stainless Steel													
					Replaceable Protector <table><tr><td>P1 (std)</td><td>For solutions up to 190°F</td></tr></table> Resettable Protector (additional control components required) <table><tr><td>P2</td><td>For solutions up to 190°F</td></tr><tr><td>P8</td><td>For solutions up to 210°F</td></tr><tr><td>P3</td><td>For solutions up to 250°F</td></tr></table>		P1 (std)	For solutions up to 190°F	P2	For solutions up to 190°F	P8	For solutions up to 210°F	P3	For solutions up to 250°F
P1 (std)	For solutions up to 190°F													
P2	For solutions up to 190°F													
P8	For solutions up to 210°F													
P3	For solutions up to 250°F													

ORDERING EXAMPLE:

HXFL4211-R20-P1

Low profile fluoropolymer heater, 4000 watts, 240 volt, single phase, 11" diameter hot zone, 20" vertical riser, P1 thermal protector.



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