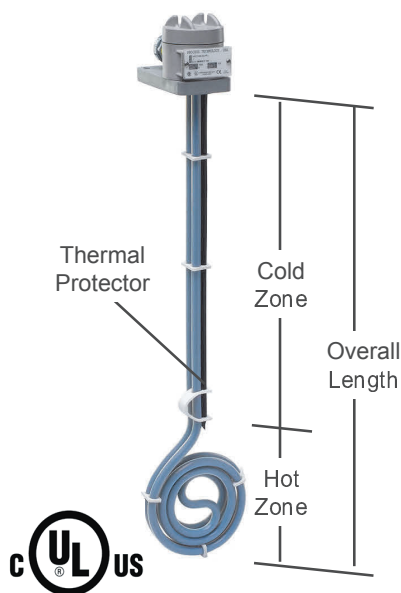




HXF SERIES, LOW PROFILE FLUOROPOLYMER (PTFE) HEATERS							
WATTS	VOLTS	HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	DIA. In./(mm)	MAX. COLD ZONE In./(mm)	MODEL NUMBER	SHIP WGT. Lbs./(kg)
500	120	6	14	5	36	HXF.5105-14-**	6
	240	(152)	(356)	(127)	(914)	HXF.5205-14-**	(2.7)
1000	120	7	14	6	36	HXF1106-14-**	7
	240	(178)	(356)	(152)	(914)	HXF1206-14-**	(3.2)
2000	120	9	17	8	35	HXF2108-17-**	8
	240	(229)	(432)	(203)	(889)	HXF2208-17-**	(3.6)
	480					HXF2408-17-**	
3000	240	10	23	9	35	HXF3209-23-**	13
	480	(254)	(584)	(229)	(889)	HXF3409-23-**	(5.9)
4000	240	12	29	11	35	HXF4211-29-**	15
	480	(305)	(737)	(279)	(889)	HXF4411-29-**	(6.8)
5000	240	13	35	12	31	HXF5212-35-**	18
	480	(330)	(889)	(305)	(787)	HXF5412-35-**	(8.2)
6000	240	14	40	13	25	HXF6213-40-**	22
	480	(356)	(1016)	(330)	(635)	HXF6413-40-**	(10)

SINGLE PHASE ONLY. Guards recommended. This configuration is not recommended for electroless chemistry, phosphoric acid, or applications prone to sludge buildup.



HXF 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).

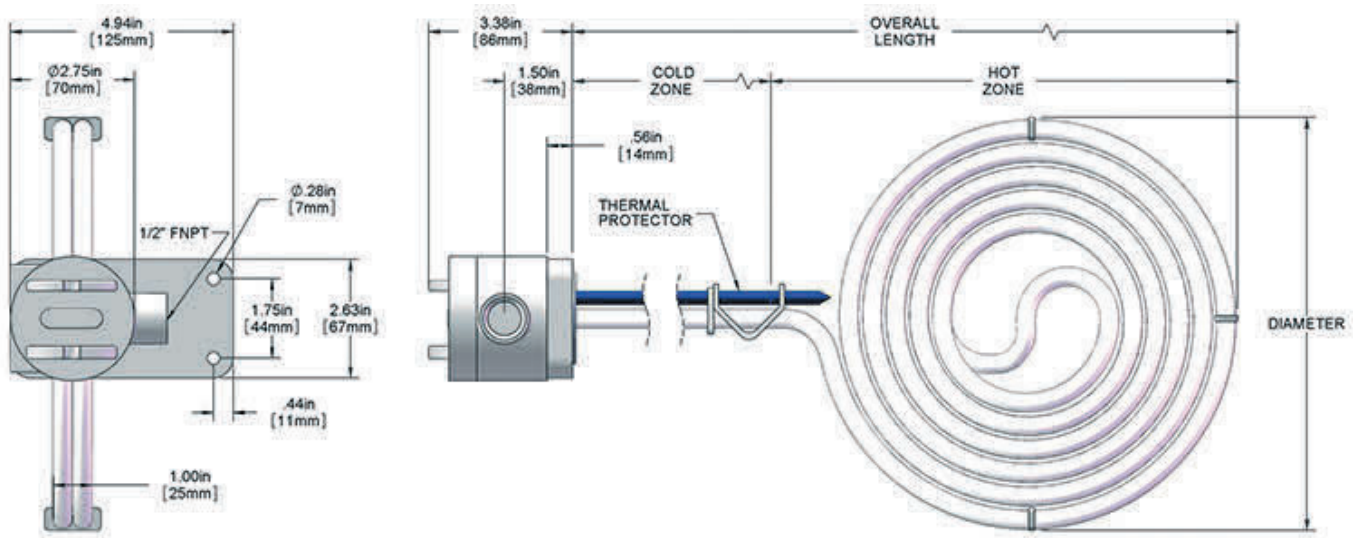
SIZES: 500 watts to 6,000 watts.

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 (in.)	Overall Length (in.)	Type of Protector	Wire and Conduit Length
	.5 = 500 1 = 1000 2 = 2000 3 = 3000 4 = 4000 5 = 5000 6 = 6000	1 = 120 2 = 240 3 = 380 4 = 480 5 = 415 6 = 600 7 = 400 8 = 208 9 = 220 0 = 200	05 = .5kW 06 = 1kW 08 = 2kW 09 = 3kW 11 = 4kW 12 = 5kW 13 = 6kW	-14 = .5kW -14 = 1kW -17 = 2kW -23 = 3kW -29 = 4kW -35 = 5kW -40 = 6kW specify custom lengths, not to exceed tank depth		36" length standard (no designator) specify variations from standard Ex: -X84 = 84"
	HXF = PTFE HSF = 304 Stainless Steel				Replaceable Protector -P1 (std) for solutions up to 190°F -P4 for 190° - 220°F solutions Resettable Protector (additional control components required) -P2 for solutions up to 190°F -P8 for solutions up to 210°F -P3 for solutions up to 250°F	

ORDERING EXAMPLE:

HXF5412-35-P1

Low profile fluoropolymer heater, 5000 watts, 480 volt, single phase, 12" diameter hot zone, 35" overall length, P1 thermal protector.

