

HXO SERIES, FLUOROPOLYMER (PTFE) HEATERS								
WATTS	VOLTS	HEATER PAD LENGTH		HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	MAX. COLD ZONE In./(mm)	MODEL NUMBER	SHIP WGT. Lbs./kg
		In./(mm)	In./(mm)					
500	120	5	6	8	11	36	HXO.5105-06-11- **	6
	240	(127)	(155)	(203)	(279)	(914)	HXO.5205-06-11- **	(2.7)
1000	120	6	6	8	11	36	HXO1106-06-11- **	7
	240	(152)	(152)	(203)	(279)	(914)	HXO1206-06-11- **	(3.2)
2000	120	6	10	12	17	35	HXO2106-10-17- **	8
	240	(152)	(254)	(305)	(432)	(889)	HXO2206-10-17- **	(3.6)
	480						HXO2406-10-17- **	
3000	240	6	12	14	23	35	HXO3206-12-23- **	13
	480	(152)	(305)	(356)	(584)	(889)	HXO3406-12-23- **	(5.9)
4000	240	6	19	21	29	35	HXO4206-19-29- **	15
	480	(152)	(483)	(533)	(737)	(890)	HXO4406-19-29- **	(6.8)
5000	240	6	20	22	35	31	HXO5206-20-35- **	18
	480	(152)	(508)	(559)	(889)	(787)	HXO5406-20-35- **	(8.2)
6000	240	6	22	24	40	25	HXO6206-22-40- **	22
	480	(152)	(559)	(610)	(1016)	(635)	HXO6406-22-40- **	(10)
8000	240	6	36	38	47	28	2HXO8206-36-47- **	25
	480	(152)	(914)	(965)	(1194)	(711)	2HXO8406-36-47- **	(11.3)
9000	240	6	40	42	54	30	2HXO9206-40-54- **	28
	480	(152)	(1016)	(1067)	(1372)	(762)	2HXO9406-40-54- **	(12.7)

SINGLE PHASE ONLY. Guards recommended.

HXO Series, Spiral 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).

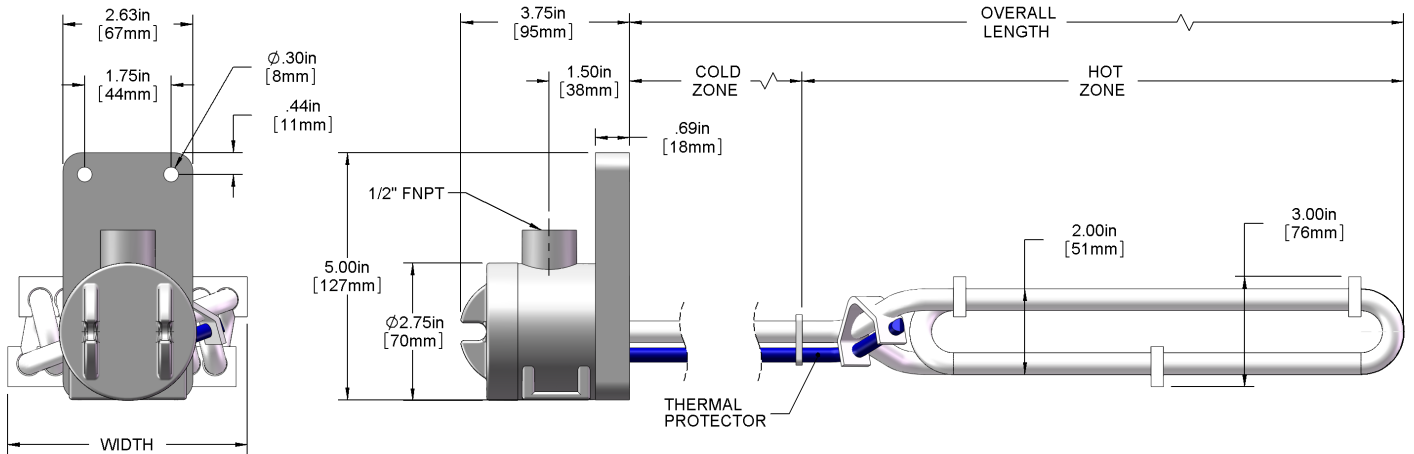
SIZES: 500 watts to 9,000 watts.

VOLTAGES: 120 to 600 volts. (600 volts on 4500 watts or lower only)

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



SINGLE ELEMENT OVER THE SIDE FLUOROPOLYMER (PTFE) HEATER ORDERING INFORMATION

Series	Wattage	Voltage	Width	Hot Zone	Overall Length	Type of Protector	Wire and Conduit Length
	.5 = 500 1 = 1000 2 = 2000 3 = 3000 4 = 4000 5 = 5000 6 = 6000 8 = 8000 9 = 9000	1 = 120 2 = 240 3 = 380 4 = 480 5 = 415 6 = 600 7 = 400 8 = 208 9 = 220 0 = 200	05 = .5kW 06 = 1kW 06 = 2W 06 = 3kW 06 = 4kW 06 = 5kW 06 = 6kW 06 = 8kW 06 = 9kW	-06 = .5kW -06 = 1kW -10 = 2kW -12 = 3kW -19 = 4kW -20 = 5kW -22 = 6kW -36 = 8kW -40 = 9kW	-11 = .5kW -11 = 1kW -17 = 2W -23 = 3kW -29 = 4kW -35 = 5kW -40 = 6kW -47 = 8kW -54 = 9kW Specify custom lengths, not to exceed tank length.		36" length conduit standard (no designator) Specify variations from standard. Ex: -X84 = 84"
	HXO = PTFE HSO = 304 Stainless Steel						
Replaceable Protector							
P1						for solutions up to 190°F	
Resettable Protector							
(additional control components required)							
P2						for solutions up to 190°F	
P8						for 190° - 210°F solutions	
P3						for 210° - 250°F solutions	

ORDERING EXAMPLE:

HX5435-P1-X60

Spiral over the side fluoropolymer heater, 5000 watts, 480 volt, single phase, 35" overall length, P1 thermal protector, 60" wire and conduit.

