

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. 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).

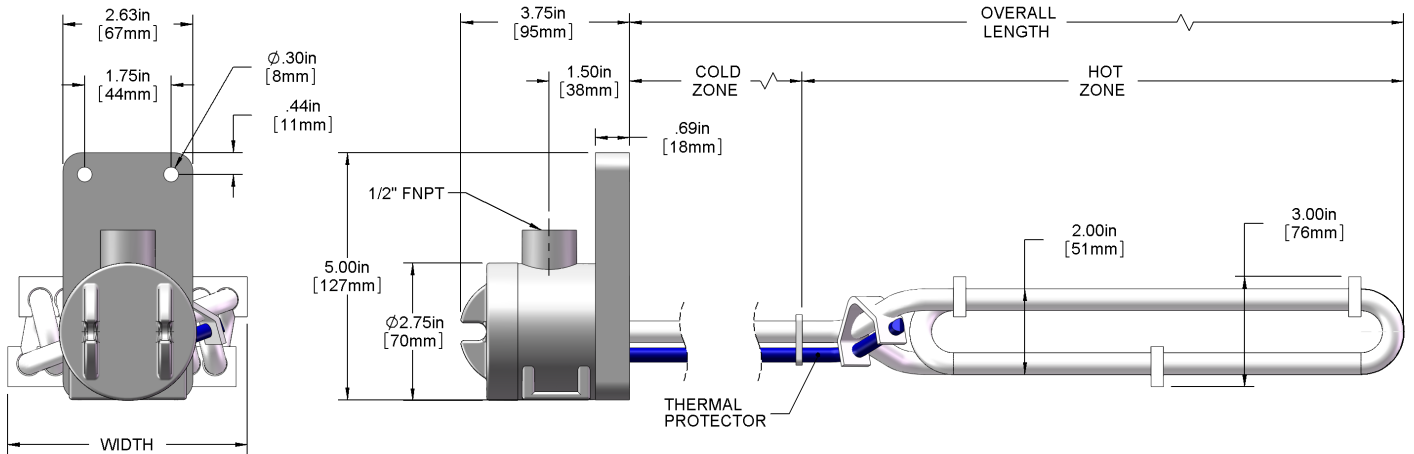
SIZES: 500 watts to 9,000 watts.

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)
- ♦ Patented purge feature promotes a longer heater life.

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.

