

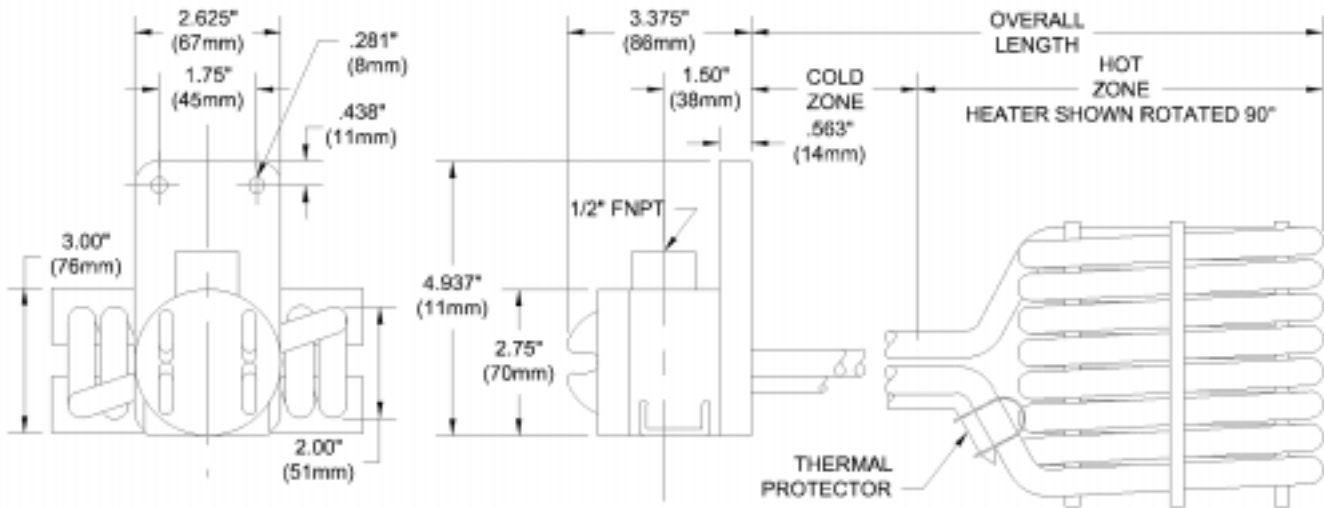
HXO SERIES, FLUOROPOLYMER (PTFE) HEATERS								
WATTS	VOLTS	WIDTH	HOT ZONE	STD. VERT. LENGTH	MAX. COLD ZONE	MODEL NUMBER	SHIP WGT.	
		In./(mm)	In./(mm)	In./(mm)	In./(mm)		Lbs./	(kg)
500	120	5	6	11	36	HXO.5105-06-11- <sup>**</sup>		6
	240	(125)	(155)	(280)	(915)	HXO.5205-06-11- <sup>**</sup>	(2.5)	
1000	120	6	6	11	36	HXO1106-06-11- <sup>**</sup>		7
	240	(155)	(155)	(280)	(915)	HXO1206-06-11- <sup>**</sup>	(3.5)	
2000	120	6	10	17	35	HXO2106-10-17- <sup>**</sup>		8
	240	(155)	(255)	(430)	(890)	HXO2206-10-17- <sup>**</sup>	(4)	
	480					HXO2406-10-17- <sup>**</sup>		
3000	240	6	12	23	35	HXO3206-12-23- <sup>**</sup>		13
	480	(155)	(305)	(585)	(890)	HXO3406-12-23- <sup>**</sup>	(6)	
4000	240	6	19	29	35	HXO4206-19-29- <sup>**</sup>		15
	480	(155)	(485)	(735)	(890)	HXO4406-19-29- <sup>**</sup>	(7)	
5000	240	6	20	35	31	HXO5206-20-35- <sup>**</sup>		18
	480	(155)	(510)	(890)	(790)	HXO5406-20-35- <sup>**</sup>	(8)	
6000	240	6	22	40	25	HXO6206-22-40- <sup>**</sup>		22
	480	(155)	(560)	(1015)	(635)	HXO6406-22-40- <sup>**</sup>	(10)	
8000	240	6	36	47	28	2HXO8206-36-47- <sup>**</sup>		25
	480	(155)	(915)	(1195)	(710)	2HXO8406-36-47- <sup>**</sup>	(11.5)	
9000	240	6	40	54	30	2HXO9206-40-54- <sup>**</sup>		28
	480	(155)	(1015)	(1370)	(760)	2HXO9406-40-54- <sup>**</sup>	(13)	

Single phase only.

## Product 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 eliminates the need for gas purge systems. Guaranteed 100% pinhole free.
- ◆ **OUTSTANDING PERFORMANCE:** Low watt density design (10 watts/square inch, 1.5w/cm<sup>2</sup>) for long service life.
- ◆ **CORROSION RESISTANT HEAD:** Vapor tight, flame retardant polypropylene terminal enclosure with 3-foot (.9m) flexible PVC liquid tight conduit.
- ◆ **SAFETY FEATURES:**
  - Grounded internal metal element.
  - Thermal protector built in. Replaceable PT-I fuse standard for solutions up to 190°F (88°C).
  - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL (1-6 kW), and CE.
- ◆ **SIZES:** 500 watts to 9,000 watts.
- ◆ **VOLTAGES:** 120, 240 or 480 volts. 208, 380, 415, 600 and other voltages available. Single phase only.
- ◆ **OPTIONS AVAILABLE** (consult factory):
  - Replaceable thermal protectors:
    - PT-IM: for solutions from 190°F (88°C) to 220°F (104°C).
  - Resettable thermal protectors:
    - PT-II: bi-metal switch for solutions up to 190°F (88°C).
    - PT-III: type-J thermocouple for solutions from 190°F (88°C) to 210°F (99°C).
    - PIII: type-J thermocouple for solutions from 210°F (99°C) to 250°F (121°C).
  - Longer vertical lengths (cold zones).
  - Polypropylene guards: recommended for applications up to 180°F (82°C).
  - Fluoropolymer (PTFE) guards: recommended for chromic acid or solutions over 180°F (82°C).
  - Special configurations.
  - Longer wire and conduit lengths.
  - Flexible continuous fluoropolymer leads (PIII protector only).
  - Lower watt densities for highly viscous solutions and technical acids.
  - Temperature and level controls sized to match the heater.

## DIMENSIONS (up to 6 kW)



## OVER THE SIDE FLUOROPOLYMER (PTFE) HEATER

Series	Wattage	Voltage	Width	Hot Zone	Overall Length	Options	Type of Fuse	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 4 = 480 -208 = 208 -277 = 277 -380 = 380 -415 = 415 -600 = 600		-06 = .5kW -06 = 1kW -10 = 2kW -12 = 3kW -19 = 4kW -20 = 5kW -22 = 6kW -36 = 8kW -40 = 9kW				no designator = 36" length standard specify variations from standard Ex: -X84 = 84"																
		05 = .5kW 06 = 1kW 06 = 2W 06 = 3kW 06 = 4kW 06 = 5kW 06 = 6kW 06 = 8kW 06 = 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				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Replaceable Fuse</th> </tr> <tr> <td style="width: 50%;">-PT-I (std)</td> <td>for solutions up to 190°F</td> </tr> <tr> <td>-PT-IM</td> <td>for 190° - 220°F solutions</td> </tr> <tr> <th colspan="2" style="text-align: center;">Resettable Fuse</th> </tr> <tr> <td colspan="2" style="text-align: center;">(additional control components required)</td> </tr> <tr> <td>-PT-II</td> <td>for solutions up to 190°F</td> </tr> <tr> <td>-PT-III</td> <td>for 190° - 210°F solutions</td> </tr> <tr> <td>-PIII</td> <td>for 210° - 250°F solutions</td> </tr> </table>	Replaceable Fuse		-PT-I (std)	for solutions up to 190°F	-PT-IM	for 190° - 220°F solutions	Resettable Fuse		(additional control components required)		-PT-II	for solutions up to 190°F	-PT-III	for 190° - 210°F solutions	-PIII	for 210° - 250°F solutions
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	HXO = PTFE sheathed 2HXO = 2 element PTFE sheathed HSO = 304 stainless steel 2HSO = 2 element 304 stainless steel						X = any special configuration not called out in the part number (specify in clear text) C = complete with guard																	

### ORDERING EXAMPLE:

HXO5406-20-35-PT-I-X50

Over the side fluoropolymer heater, 5000 watts, 480 volt, single phase, 6" wide, 20" hot zone, 35" overall length, PT-I thermal fuse, 50 wire and conduit

**O.E.M. HEATERS**