

## EXCELLENT CHEMICAL RESISTANCE TO AGGRESSIVE ACIDS

Compatible with virtually any chemistry. Excellent chemical resistance to aggressive acids! Inert to most solutions with a corrosion-resistant head. Low watt density. Built-in thermal protector and grounded element. 3 element, O shaped fluoropolymer (PTFE) sleeved 304 stainless elements inert to most solutions. 1500-18000 watts, 120-480 volts.



### FEATURES

Inert to most aqueous acid, alkaline, anodizing, & pickling solution.

Rugged, heavy wall PTFE covered stainless steel element reduces permeation. Guaranteed 100% pinhole free.

Space saving & long service life with low Watt density design of 10 W/in<sup>2</sup> (1.5 w/cm<sup>2</sup>).

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

Optional patented purge feature promotes a longer heater life by reducing chemical permeation.

Lower watt densities available for highly viscous solutions & technical acids.

3HXO SERIES, MULTI ELEMENT FLUOROPOLYMER (PTFE) HEATERS							
WATTS	VOLTS	WIDTH in/(mm)	HEATER PAD LENGTH in/(mm)	OVERALL LENGTH in/(mm)	MAX. COLD ZONE in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
1500	120	10.5	6	11	36	3HXO1.5110.5-06-11-*	15
	240	(263)	(152)	(279)	(915)	3HXO1.5210.5-06-11-*	(6.8)
3000	240	10.5	6	11	36	3HXO3210.5-06-11-**	20
	480	(263)	(152)	(279)	(915)	3HXO3410.5-06-11-**	(9.1)
4500	240	10.5	9.5	17	35	3HXO4.5210-9.5-17-**	21
	480	(263)	(241)	(432)	(890)	3HXO4.5410-9.5-17-**	(9.5)
6000	240	13	10.5	17	35	3HXO6212-10.5-17-**	22
	480	(330)	(267)	(432)	(890)	3HXO6412-10.5-17-**	(10)
9000	240	13	16	23	35	3HXO9212-16-23-**	36
	480	(330)	(406)	(584)	(890)	3HXO9412-16-23-**	(16.3)
12000	240	13	20.5	29	35	3HXO12212-20.5-29-**	42
	480	(330)	(521)	(737)	(890)	3HXO12412-20.5-29-**	(19.1)
15000	240	13	25	35	31	3HXO15212-25-35-**	48
	480	(330)	(635)	(889)	(790)	3HXO15412-25-35-**	(21.8)
18000	240	13	29	40	25	3HXO18212-29-40-**	54
	480	(330)	(737)	(1016)	(635)	3HXO18412-29-40-**	(24.5)

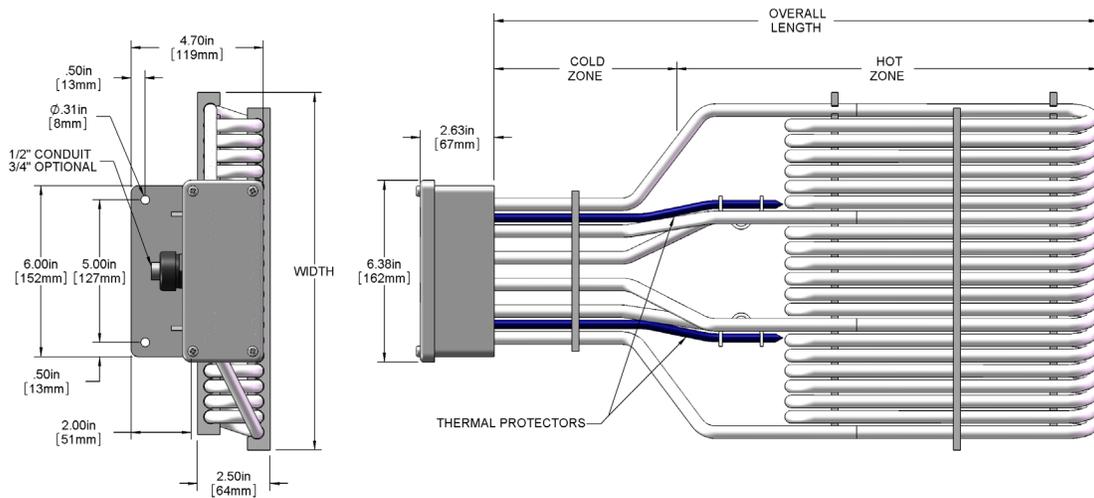
Three-phase standard. Guards recommended.

# 3HXO Fluoropolymer Heater

## SPECIFICATIONS

Wattages	1,500 Watts to 18,000 Watts
Voltages	120 Volts to 480 Volts
Safety Features	<p>Grounded internal metal element</p> <p>Built-in thermal protector. Replaceable PI protector . Other options available</p> <p>Non-floating construction.</p>

## DIMENSIONS



## MODEL NUMBER BREAKDOWN

Series	Wattage	Voltage	Width	Hot Zone	Overall Length	Phase	Type of Protector	Wire & Conduit Length
3HXO = PTFE	1.5 = 1500	1 = 120	10.5 = 1.5kW	08 = 1.5kW	11 = 1.5kW	3 phase (std), no designator	<b>Replaceable Fuse</b>	36" length standard (no designator)
	3 = 3000	2 = 240	11 = 3kW	08 = 3kW	11 = 3kW	1 = single phase	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"
	4.5 = 4500	3 = 380	11 = 4.5kW	11.5 = 4.5kW	17 = 4.5kW		<b>Resettable Fuse</b>	
	6 = 6000	4 = 480	13 = 6kW	12.5 = 6kW	17 = 6kW		P2 = solutions up to 190°F	
	9 = 9000	5 = 415	13 = 9kW	18 = 9kW	23 = 9kW		P8 = 190° to 210°F	
	12 = 12000	6 = 600	13 = 12kW	22.5 = 12kW	29 = 12kW		P3 = 210° to 250°F	
	15 = 15000	7 = 400	13 = 15kW	27 = 15kW	35 = 15kW			
	18 = 18000	8 = 208	13 = 18kW	31 = 18kW	40 = 18kW			
		9 = 220						
		0 = 200						
					Specify custom lengths			