



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, bottom heater, fluoropolymer (PTFE) sleeved 304 stainless elements. 3000-18000 watts, 240-480 volts.



FEATURES

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

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/in² (1.5 w/cm²).

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.

3HXOL SERIES, MULTI ELEMENT L-SHAPED FLUOROPOLYMER (PTFE) HEATERS								
WATTS	VOLTS	WIDTH in/(mm)	HEATER PAD		STD. VERT. LENGTH in/(mm)	MAX. COLD ZONE in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
			LENGTH in/(mm)	LENGTH in/(mm)				
3000	240	8	13	18	36	3HXOL3208-13-R*-**	20	
	480	(203)	(330)	(460)	(915)	3HXOL3408-13-R*-**	(9.1)	
4500	240	10.5	11	18	35	3HXOL4.5210.5-11-R*-**	21	
	480	(263)	(280)	(460)	(890)	3HXOL4.5410.5-11-R*-**	(9.5)	
6000	240	10.5	19	18	35	3HXOL6210.5-19-R*-**	22	
	480	(263)	(485)	(460)	(890)	3HXOL6410.5-19-R*-**	(10)	
9000	240	10.5	23	18	35	3HXOL9210.5-23-R*-**	36	
	480	(263)	(585)	(460)	(890)	3HXOL9410.5-23-R*-**	(16.5)	
12000	240	10.5	30	18	35	3HXOL12210.5-30-R*-**	42	
	480	(263)	(760)	(460)	(890)	3HXOL12410.5-30-R*-**	(19.5)	
15000	240	10.5	36	18	31	3HXOL15210.5-36-R*-**	48	
	480	(263)	(915)	(460)	(790)	3HXOL15410.5-36-R*-**	(22)	
18000	240	10.5	42	18	25	3HXOL18210.5-42-R*-**	54	
	480	(263)	(1070)	(460)	(635)	3HXOL18410.5-42-R*-**	(24.5)	

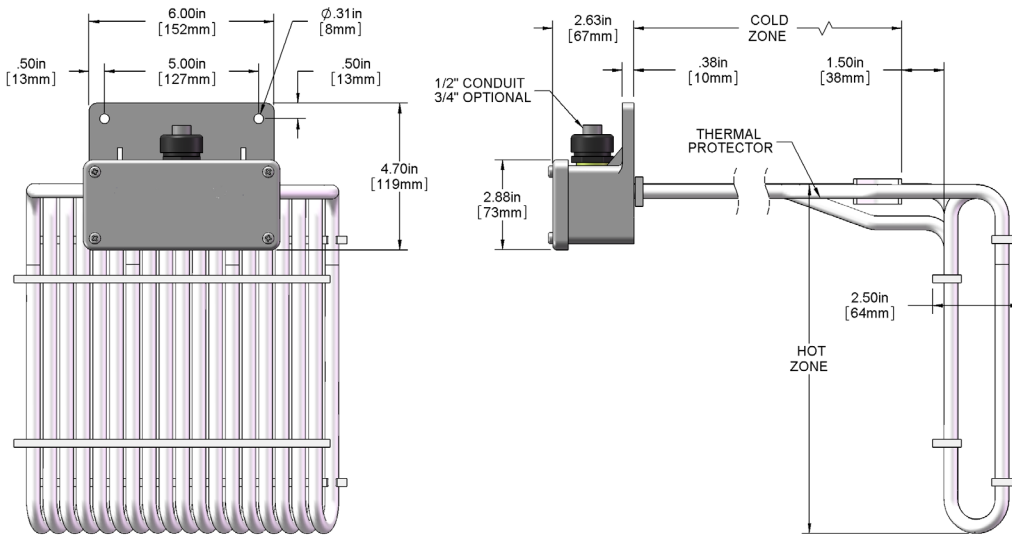
Three-phase standard. Guards recommended.

3HXOL Fluoropolymer Heater

SPECIFICATIONS

Wattages	3,000 Watts to 18,000 Watts
Voltages	240 Volts to 480 Volts
Safety Features	<p>Grounded internal metal element</p> <p>Built-in thermal protector. Replaceable PI protector standard for solutions .</p> <p>Non-floating construction.</p>

DIMENSIONS



MODEL NUMBER BREAKDOWN

Series	Wattage	Voltage	Width	Heater Pad Length	Vertical Length	Phase	Type of Protector	Wire & Conduit Length
3HXOL = PTFE	3 = 3000	1 = 120	08 = 3kW	13 = 3kW	R18	3 phase (std), no designator	Replaceable Fuse	36" length standard (no designator)
	4.5 = 4500	2 = 240	10.5 = 4.5kW	11 = 4.5kW	Specify custom lengths	1 = single phase	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"
	6 = 6000	3 = 380	10.5 = 6kW	19 = 6kW			Resettable Fuse	
	9 = 9000	4 = 480	10.5 = 9kW	23 = 9kW			P2 = solutions up to 190°F	
	12 = 12000	5 = 415	10.5 = 12kW	30 = 12kW			P8 = 190° to 210°F	
	15 = 15000	6 = 600	10.5 = 15kW	36 = 15kW			P3 = 210° to 250°F	
	18 = 18000	7 = 400	10.5 = 18kW	42 = 18kW				
		8 = 208						
		9 = 220						
		0 = 200						