

3HX Series

PRODUCT DATA SHEET

Fluoropolymer Heater

Excellent chemical resistance to aggressive acids!

Inert to most solutions

Low Watt density design saves space & ensures long life

Corrosion-resistant head

Built-in thermal protector & grounded element



Up to 100°C (212°F)



1,000 to 6,000 watts



120 to 600 Volts



PTFE sleeved 304 stainless steel



cULus
CE (except 600 Volts)

3HX SERIES, THREE ELEMENT FLUOROPOLYMER (PTFE) HEATERS					
WATTS	VOLTS	HOT ZONE	OVERALL LENGTH	MODEL NUMBER	SHIP WGT. lbs/(kg)
		in/(mm)	in/(mm)		
1000	120	10	17	3HX1117-1**	10
	240	(254)	(432)	3HX1217-**	(4.5)
1500	120	16	23	3HX1.5123-1**	11
	240	(406)	(584)	3HX1.5223-**	(5)
	480			3HX1.5423-**	
2000	120	22	29	3HX2129-1**	12
	240	(559)	(737)	3HX2229-**	(5.4)
	480			3HX2429-**	
3000	240	29	35	3HX3235-**	14
	480	(737)	(889)	3HX3435-**	(6.4)
	4000	240	39	47	3HX4247-**
	480	(991)	(1194)	3HX4447-**	(7.7)
5000	240	48	59	3HX5259-**	20
	480	(1219)	(1499)	3HX5459-**	(9.1)
	6000	240	56	68	3HX6268-**
	480	(1422)	(1727)	3HX6468-**	(10.4)

Three-phase standard

Features & Values

- Inert to most aqueous acid, alkaline, anodizing, & pickling solutions up to 100°C (212°F)
- 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
- Lower Watt densities available for highly viscous solutions & technical acids

Specifications

Wattages 1,000 to 6,000 Watts

Voltages 120 to 600 Volts

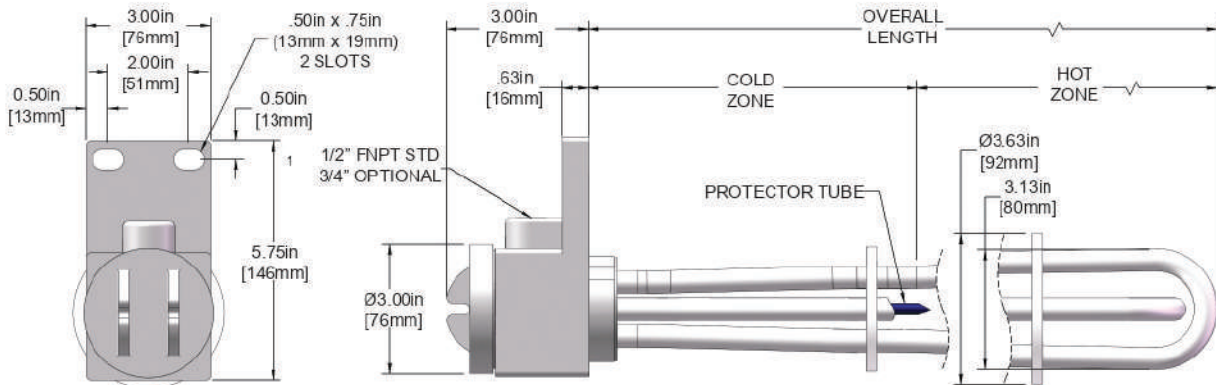
Temperature Range Up to 100°C (212°F)

Safety Features

- Grounded internal metal element
- Built-in thermal protector. Replaceable P1 protector standard for up to 82°C (180°F). Other options available
- Non-floating construction

Certifications cULus listed
CE compliant (except 600V)

Dimensions



Model Number Breakdown

Series	Wattage	Voltage	Overall Length	Phase	Type of Protector	Wire & Conduit Length
3HX = PTFE	1 = 1000	1 = 120	17 = 1kW	1 = single	Replaceable Fuse P1 (std) = solutions up to 190°F	36" length standard (no designator) Specify variations from standard Ex: -X84 = 84"
	1.5 = 1500	2 = 240	23 = 1.5kW		Resettable Fuse P2 = solutions up to 190°F	
	2 = 2000	3 = 380	29 = 2kW		P8 = solutions up to 210°F	
	3 = 3000	4 = 480	35 = 3kW		P3 = solutions up to 250°F	
	4 = 4000	5 = 415	47 = 4kW			
	5 = 5000	6 = 600	59 = 5kW			
	6 = 6000	7 = 400	68 = 6kW			
		8 = 208				
		9 = 220				
		0 = 200				