

6HX Series

PRODUCT DATA SHEET

Fluoropolymer Heater

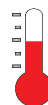
Excellent chemical resistance to aggressive acids!

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)



2,000 to 12,000 Watts



120 to 600 Volts



PTFE sleeved 304
stainless steel



cULus
CE (except 600 Volts)

6HX SERIES, SIX ELEMENT FLUOROPOLYMER (PTFE) HEATERS					
WATTS	VOLTS	HOT ZONE in/(mm)	OVERALL LENGTH in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
2000	120	9	17	6HX2117-1**	19
	240	(229)	(432)	6HX2217-1**	(8.6)
	480			6HX2417-**	
3000	240	15	23	6HX3223-**	22
	480	(381)	(584)	6HX3423-**	(10)
4000	240	21	29	6HX4229-**	24
	480	(553)	(737)	6HX4429-**	(10.9)
6000	240	28	35	6HX6235-**	27
	480	(711)	(889)	6HX6435-**	(12.2)
8000	240	38	47	6HX8247-**	33
	480	(965)	(1194)	6HX8447-**	(15)
10000	240	47	59	6HX10259-**	40
	480	(1194)	(1499)	6HX10459-**	(18.1)
12000	240	55	68	6HX12268-**	45
	480	(1397)	(1727)	6HX12468-**	(20.4)

Three-phase standard. Single phase available. Add "-1" before thermal protector designator.

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ISO 9001:2015
WITH DESIGN CERTIFIED

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 2,000 to 12,000 Watts

Voltages 120 to 600 Volts

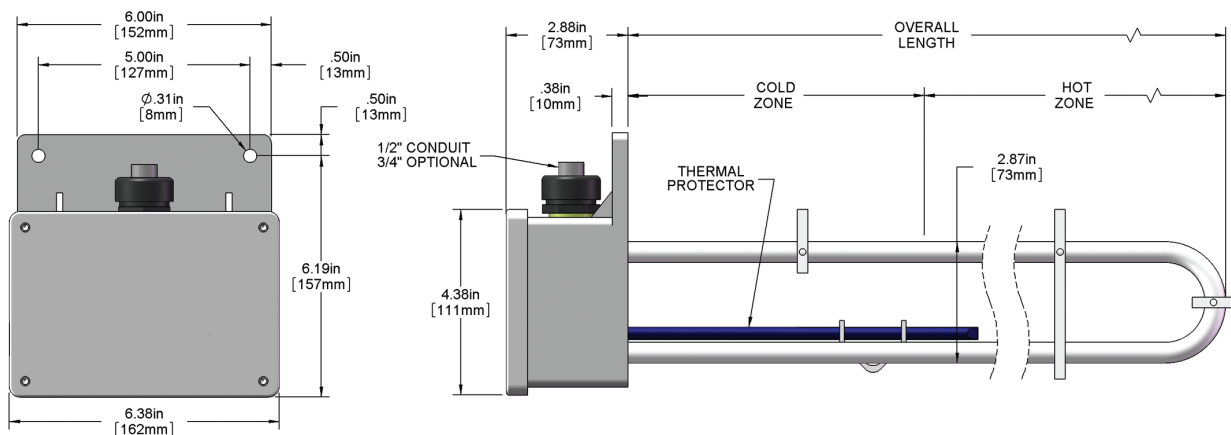
Temperature Range Up to 100°C (212°F)

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

6HX		2		1		17		-	P1		-	-
Series	Wattage	Voltage	Overall Length	Phase	Type of Protector	Wire & Conduit Length						
6HX = PTFE	2 = 2000	1 = 120	17 = 2kW	No Designator = 3-phase (std.)	Replaceable Fuse (Type-J TC)	36" length standard (no designator)						
	3 = 3000	2 = 240	23 = 3kW	1 = Single phase	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"						
	4 = 4000	3 = 380	29 = 4kW		Resettable Fuse (Type-J TC)							
	6 = 6000	4 = 480	35 = 6kW		P2 = solutions up to 190°F							
	8 = 8000	5 = 415	47 = 8kW		P8 = solutions up to 210°F							
	10 = 10000	6 = 600	59 = 10kW		P3 = solutions up to 250°F							
	12 = 12000	7 = 400	68 = 12kW									
		8 = 208										
		9 = 220										
		0 = 200										



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