

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)



500 to 9,000 Watts



120 to 600 Volts
(600V on 4,500W & lower)



PTFE sleeved 304 stainless steel



cULus
CE (except 600 Volts)

HX SERIES, SPIRAL FLUOROPOLYMER (PTFE) HEATERS						
WATTS	VOLTS	HOT ZONE in/(mm)	OVERALL LENGTH in/(mm)	MAX. COLD ZONE in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)
500	120	5	11	41	HX5111-**-	6
	240	(127)	(279)	(1041)	HX5211-**-	(2.7)
1000	120	7	11	41	HX1111-**-	7
	240	(178)	(279)	(1041)	HX1211-**-	(3.2)
2000	120	12	17	40	HX2117-**-	8
	240	(305)	(432)	(1016)	HX2217-**-	(3.6)
	480				HX2417-**-	
3000	240	16	23	40	HX3223-**-	13
	480	(406)	(584)	(1016)	HX3423-**-	(5.9)
4000	240	20	29	40	HX4229-**-	15
	480	(508)	(737)	(1016)	HX4429-**-	(6.8)
5000	240	25	35	36	HX5235-**-	18
	480	(635)	(889)	(914)	HX5435-**-	(8.2)
6000	240	29	40	30	HX6240-**-	21
	480	(737)	(1016)	(762)	HX6440-**-	(9.5)
8000	240	37	47	32	2HX8247-**-	25
	480	(940)	(1194)	(813)	2HX8447-**-	(11.3)
9000	240	44	54	35	2HX9254-**-	28
	480	(1118)	(1372)	(889)	2HX9454-**-	(12.7)

Single phase only. Guards recommended.

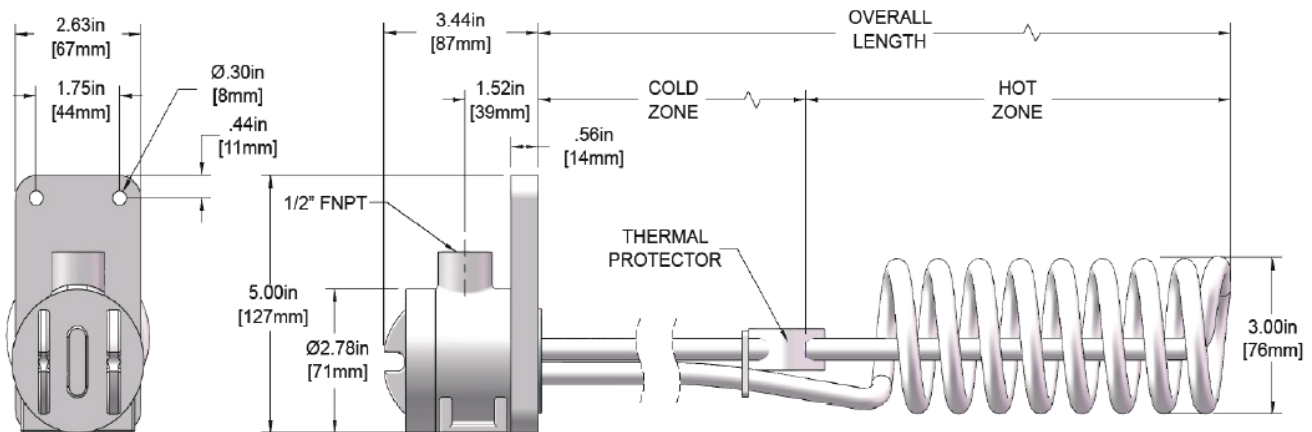
Features & Values

- 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
- Optional patented purge feature promotes longer heater life

Specifications

Wattages	500 to 9,000 Watts
Voltages	120 to 600 Volts (600V on 4,500W or lower only)
Temperature Range	Up to 100°C (212°F)
Safety Features	<ul style="list-style-type: none"> ▫ 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	Type of Protector	Wire & Conduit Length
HX = 1 Element	.5 = 500	1 = 120	11 = .5kW	Replaceable Fuse (Type-J TC) P1 (std) = solutions up to 190°F	36" length standard (no designator) Specify variations from standard Ex: -X84 = 84"
2HX = 2 Element	1 = 1000	2 = 240	11 = 1kW		
	2 = 2000	3 = 380	17 = 2kW	Resettable Fuse (Type-J TC) P2 = solutions up to 190°F P8 = solutions up to 210°F P3 = solutions up to 250°F	
	3 = 3000	4 = 480	23 = 3kW		
	4 = 4000	5 = 415	29 = 4kW		
	5 = 5000	6 = 600	35 = 5kW		
	6 = 6000	7 = 400	40 = 6kW		
	8 = 8000	8 = 208	47 = 8kW		
	9 = 9000	9 = 220	54 = 9kW		
	0 = 200		Specify custom lengths		