

## HX Series | Fluoropolymer Heater



## EXCELLENT CHEMICAL RESISTANCE TO AGGRESSIVE ACIDS

Compatible with virtually any chemistry. Excellent chemical resistance to aggressive acids! Spiral element. Low watt density. Built-in thermal protector and grounded element. Fluoropolymer (PTFE) sleeved 304 stainless elements inert to most solutions. Corrosion-resistant head. Single phase. 500-9000 watts, 120-480 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/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.

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

Optional patented purge feature promotes longer heater life.

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	HX.5111-**	6
		(127)	(279)	(1041)	HX.5211-**	(2.7)
1000	120	7	11	41	HX1111-**	7
		(178)	(279)	(1041)	HX1211-**	(3.2)
2000	120	12	17	40	HX2117-**	8
		(305)	(432)	(1016)	HX2217-**	(3.6)
					HX2417-**	
3000	240	16	23	40	HX3223-**	13
		(406)	(584)	(1016)	HX3423-**	(5.9)
4000	240	20	29	40	HX4229-**	15
		(508)	(737)	(1016)	HX4429-**	(6.8)
5000	240	25	35	36	HX5235-**	18
		(635)	(889)	(914)	HX5435-**	(8.2)
6000	240	29	40	30	HX6240-**	21
		(737)	(1016)	(762)	HX6440-**	(9.5)
8000	240	37	47	32	2HX8247-**	25
		(940)	(1194)	(813)	2HX8447-**	(11.3)
9000	240	44	54	35	2HX9254-**	28
		(1118)	(1372)	(889)	2HX9454-**	(12.7)

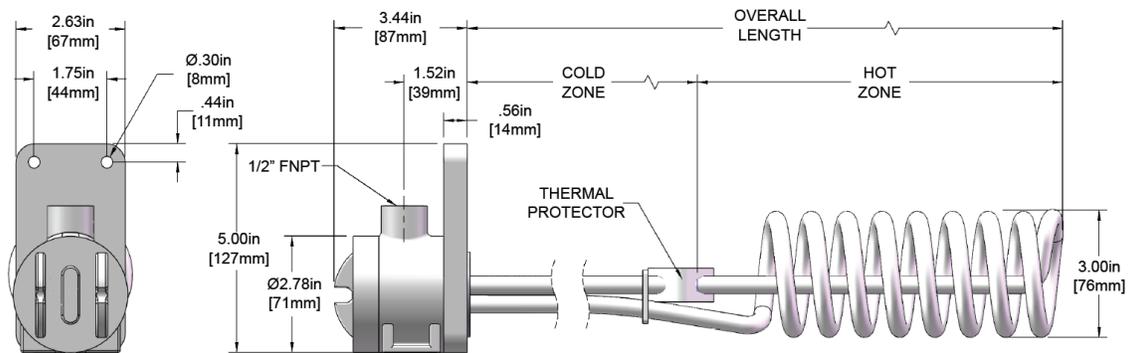
Single phase only. Guards recommended.

# HX Fluoropolymer Heater

## SPECIFICATIONS

Wattages	500 Watts to 9,000 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

HX	1	1	11	-	P1	-
Series	Wattage	Voltage	Overall Length	-	Type of Protector	Wire & Conduit Length
HX = 1 Element	.5 = 500	1 = 120	11 = .5kW	-	<b>Replaceable Fuse</b>	36" length standard (no designator)
2HX = 2 Element	1 = 1000	2 = 240	11 = 1kW	-	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"
	2 = 2000	3 = 380	17 = 2kW	-	<b>Resettable Fuse</b>	
	3 = 3000	4 = 480	23 = 3kW	-	P2 = solutions up to 190°F	
	4 = 4000	5 = 415	29 = 4kW	-	P8 = solutions up to 210°F	
	5 = 5000	6 = 600	35 = 5kW	-	P3 = solutions up to 250°F	
	6 = 6000	7 = 400	40 = 6kW	-		
	8 = 8000	8 = 208	47 = 8kW	-		
	9 = 9000	9 = 220	54 = 9kW	-		
	0 = 200		Specify custom lengths	-		