

# L Teflon heater

## EXCELLENT CHEMICAL RESISTANCE TO AGGRESSIVE ACIDS

Compatible with virtually any chemistry. Excellent chemical resistance to aggressive acids! Low profile, bottom design. Inert to most solutions with a corrosion resistant head. Low watt density. Built-in thermal protector and grounded element. Corrosion-resistant head. 500-5000 watts, 120- 480 volts.



### FEATURES

Inert to most aqueous acids, alkaline, anodizing, & picking 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 for highly viscous solutions & technical acids.

Optional patented purge feature promotes longer heater life.



Volts:  
120 to 480 Volts



Watts:  
500 to 5,000 watts



Certification:  
cULus CE (except  
600 volts)

HXFL SERIES, LOW PROFILE L-SHAPED FLUOROPOLYMER (PTFE) HEATERS								
WATTS	VOLTS	HOT ZONE in/(mm)	STD. VERT. LENGTH in/(mm)	DIA. in/(mm)	MAX. COLD ZONE in/(mm)	MODEL NUMBER	SHIP WGT. lbs/(kg)	
500	120	5	12	5	36	HXFL5105-R*..**	6	
	240	(127)	(305)	(127)	(914)	HXFL5205-R*..**	(2.7)	
1000	120	6	12	6	36	HXFL1106-R*..**	7	
	240	(152)	(305)	(152)	(914)	HXFL1206-R*..**	(3.2)	
2000	120	8	18	8	35	HXFL2108-R*..**	8	
	240	(203)	(457)	(203)	(889)	HXFL2208-R*..**	(3.6)	
	480					HXFL2408-R*..**		
3000	240	9	18	9	35	HXFL3209-R*..**	13	
	480	(229)	(457)	(229)	(889)	HXFL3409-R*..**	(5.9)	
4000	240	11	18	11	35	HXFL4211-R*..**	15	
	480	(279)	(457)	(279)	(889)	HXFL4411-R*..**	(6.8)	
5000	240	12	18	12	31	HXFL5212-R*..**	18	
	480	(305)	(457)	(305)	(787)	HXFL5412-R*..**	(8.2)	
6000	240	13	18	13	25	HXFL6213-R*..**	22	
	480	(330)	(457)	(330)	(635)	HXFL6413-R*..**	(10)	

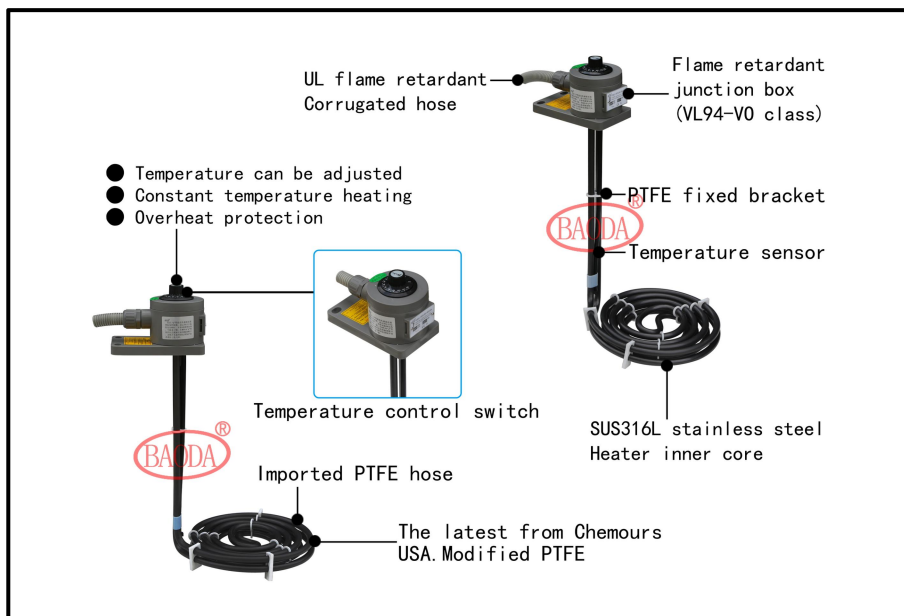
Single phase only. Guards recommended. This configuration is not recommended for electroless chemistry, phosphoric acid, or applications prone to sludge buildup.

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## SPECIFICATIONS

Wattages	500 Watts to 5,000 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>

## DETAILS



## MODEL NUMBER BREAKDOWN

Series	Wattage	Voltage	Diameter (in.)	Vertical Length (in.)	Type of Protector	Wire & Conduit Length
HXFL = PTFE	.5 = 500	1 = 120	05 = .5kW	R12 = .5kW	<b>Replaceable Fuse</b>	36" length standard (no designator)
	1 = 1000	2 = 240	06 = 1kW	R12 = 1kW	P1 (std) = solutions up to 190°F	Specify variations from standard Ex: -X84 = 84"
	2 = 2000	3 = 380	08 = 2kW	R18 = 2kW	<b>Resettable Fuse</b>	
	3 = 3000	4 = 480	09 = 3kW	R18 = 3kW	P2 = solutions up to 190°F	
	4 = 4000	5 = 415	11 = 4kW	R18 = 4kW	P8 = solutions up to 210°F	
	5 = 5000	6 = 600	12 = 5kW	R18 = 5kW	P3 = solutions up to 250°F	
	6 = 6000	7 = 400	13 = 6kW	R18 = 6kW		
		8 = 208		Specify custom lengths		
		9 = 220				
		0 = 200				