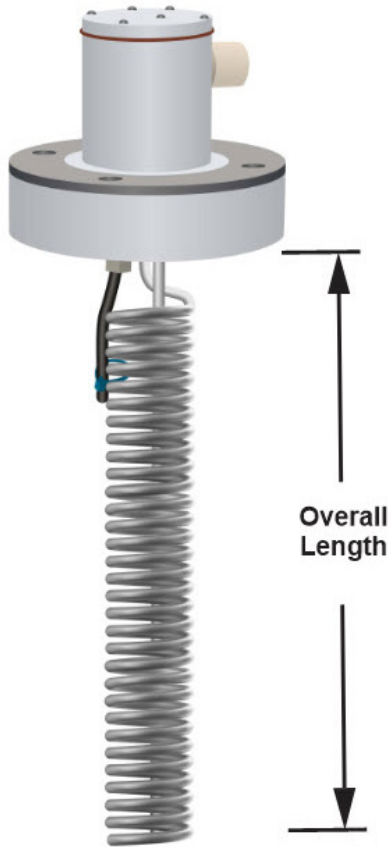


**SPIRAL PTFE FLANGED HEATERS**



**INFORMATION**

- Fluoropolymer (PTFE) heaters are an excellent choice for heating Aqueous acid, alkaline, anodizing and pickling solutions up to 212F (100 C).
- Offers thick gauge stainless steel tubular elements covered with heavy wall fluoropolymer (PTFE) reducing permeation, eliminating the need for gas purge systems. This product is an excellent choice for heating electroless chemistries – not for use in Chromic Acid.
- \*\*Specify P2 or P8 thermal overload protection desired. NOTE: Heater rated for 50 PSI.

**FEAUTRES**

- Heavy wall fluoropolymer sheath (PTFE) covered stainless steel element reduces permeation.
- Low watt density design 10 watts/square inch (1.5 w/cm<sup>2</sup>).
- Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible Teflon liquid tight conduit.
- Thermal protector built in. Resettable P2 protector standard for solutions up to 180°F(82°C).



**PROTECTOR / FUSE OPTIONS**

CODE	TYPE OF FUSE	DESCRIPTION
P2	RESETTABLE	For solutions up to 190°F (88°C)
P8	RESETTABLE	For solutions up to 210°F (99°C)

## STANDARD PARTS

MPI P/N	WATTS	VOLTS	No of ELEMENTS	OVERALL LENGTH
IM-3FLX1111-**	1000 W	120 V	1	11 "279 mm
IM-3FLX1211-**	1000 W	240 V	1	11 "279 mm
IM-3FLX2216-**	2000 W	240V	1	16 "406 mm
IM-3FLX2416-**	2000 W	480V	1	16 "406 mm
IM-3FLX3221-**	3000 W	240V	1	21 "533 mm
IM-3FLX3421-**	3000 W	480V	1	21 "533 mm
IM-3FLX4228-**	4000 W	240V	1	28 "711 mm
IM-3FLX4428-**	4000 W	480V	1	28 "711 mm
IM-3FLX5232-**	5000 W	240V	1	32 "813 mm
IM-3FLX5432-**	5000 W	480V	1	32 "813 mm
IM-3FLX6235-**	6000 W	240V	1	35 "889 mm
IM-3FLX6435-**	6000 W	480V	1	35 "889 mm
IM-6FLX3211-**	3000 W	240 V	3	11 "279 mm
IM-6FLX3411-**	3000 W	480 V	3	11 "279 mm
IM-6FLX6216-**	6000 W	240 V	3	16 "406 mm
IM-6FLX6416-**	6000 W	480 V	3	16 "406 mm
IM-6FLX9221-**	9000 W	240 V	3	21 "533 mm
IM-6FLX9421-**	9000 W	480 V	3	21 "533 mm
IM-6FLX12228-**	12,000 W	240 V	3	28 "711 mm
IM-6FLX12428-**	12,000 W	480 V	3	28 "711 mm
IM-6FLX15232-**	15000 W	240 V	3	32 "813 mm
IM-6FLX15432-**	15000 W	480 V	3	32 "813 mm
IM-6FLX18235-**	18,000 W	240 V	3	35 "889 mm
IM-6FLX18435-**	18,000 W	480 V	3	35 "889 mm

\*\*Specify Protector / Fuse

## 3-4 Week Lead Time for Standard & Custom Products!

### ORDER CODE

IM-X	FLX	XX	X	XX	-	XX		
FLANGE SIZE	SERIES	WATTAGE	VOLTAGE	OVERALL LENGTH(in)		PHASE	TYPE OF PROTECTOR	WIRE & CONDUIT LENGTH
				3FLX	6FLX		ADDITIONAL CONTROL COMPONENT REQUIRED	
3 = 3"	FLX = PTFE	1 1000W	1 120V	11 1kW	3kW	No Designator = Single Phase ( std for 3FL)		blank - 36" TEFLON CONDUIT
6 = 6"		2 2000W	2 240V	16 2kW	6kW			
		3 3000W	3 380V	21 3kW	9kW		P2- SOLUTIONS UP TO 190°F	SPECIFY LENGTH - EX. X84 = 84" TEFLON CONDUIT
		4 4000W	4 480V	28 4kW	12kW	No Designator = three Phase ( std for 6FL)	P8- SOLUTIONS UP TO 210°F	
		5 5000W	5 415V	32 5kW	15kW			
		6 6000W	6 600V	35 6kW	18kW			
		9 9000W	7 400V			1 = Single Phase(6FL only)		
		12 12000W	8 208V					
		15 15000W	9 220V					
	18 18000W	0 200V						