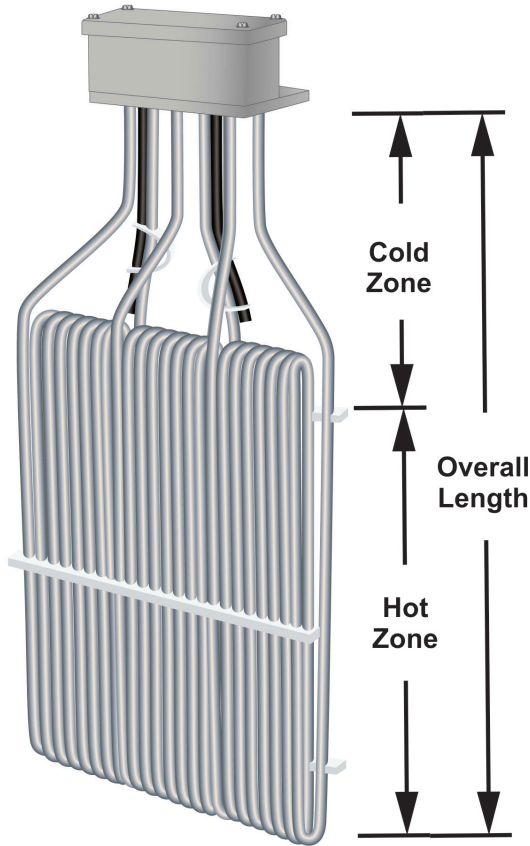


## 3 ELEMENT O-SHAPED PTFE HEATERS



### 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.

### FEAUTRES

- PTFE sleeved 304 stainless elements inert to most solutions up to 212°F (100°C).
- Low watt density design 10 watts/square inch (1.5w/cm<sup>2</sup>).
- Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible Teflon liquid tight conduit.
- Grounded internal metal element and built in thermal protector. Replaceable P1 protector standard for solutions up to 180°F(82°C).



### PROTECTOR / FUSE OPTIONS

CODE	TYPE OF FUSE	DESCRIPTION
P1	REPLACEABLE	Standard for solutions up to 190°F (88°C)
P2	RESETTABLE	For solutions up to 190°F (88°C)
P8	RESETTABLE	For solutions from 190°F to 210°F (88°C to 99°C)
P3	RESETTABLE	For solutions from 210°F to 250°F (99°C to 121°C)

STANDARD PARTS						
MPI P/N	WATTS	VOLTS	Width	HOT ZONE	OVERALL LENGTH	MAX COLD ZONE
IM-3HXO15110.5-06-11- <b>**</b>	1500 W	120 V	10-1/2 "263 mm	6 "152 mm	11 "279 mm	36 "914 mm
IM-3HXO15210.5-06-11- <b>**</b>	1500 W	240 V	10-1/2 "263 mm	6 "152 mm	11 "279 mm	36 "914 mm
IM-3HXO3211-06-11- <b>**</b>	3000 W	240 V	11 "279 mm	6 "152 mm	11 "279 mm	36 "914 mm
IM-3HXO3411-06-11- <b>**</b>	3000 W	480 V	11 "279 mm	6 "152 mm	11 "279 mm	36 "914 mm
IM-3HXO4.5211-9.5-17- <b>**</b>	4500 W	240 V	11 "279 mm	9.5 "238 mm	17 "432 mm	35 "889 mm
IM-3HXO4.5411-9.5-17- <b>**</b>	4500 W	480 V	11 "279 mm	9.5 "238 mm	17 "432 mm	35 "889 mm
IM-3HXO6213-10.5-170- <b>**</b>	6000 W	240 V	13 "330 mm	10.5 "263 mm	17 "432 mm	35 "889 mm
IM-3HXO6413-10.5-17- <b>**</b>	6000 W	480 V	13 "330 mm	10.5 "263 mm	17 "432 mm	35 "889 mm
IM-3HXO9213-16-23- <b>**</b>	9000 W	240 V	13 "330 mm	16 "406 mm	23 "584 mm	35 "889 mm
IM-3HXO9413-16-23- <b>**</b>	9000 W	480 V	13 "330 mm	16 "406 mm	23 "584 mm	35 "889 mm
IM-3HXO12213-20.5-29- <b>**</b>	12,000 W	240 V	13 "330 mm	20.5 "513 mm	29 "737 mm	35 "889 mm
IM-3HXO12413-20.5-29- <b>**</b>	12,000 W	480 V	13 "330 mm	20.5 "513 mm	29 "737 mm	35 "889 mm
IM-3HXO15213-25-35- <b>**</b>	15,000 W	240 V	13 "330 mm	25 "635 mm	35 "889 mm	31 "787 mm
IM-3HXO15413-25-35- <b>**</b>	15,000 W	480 V	13 "330 mm	25 "635 mm	35 "889 mm	31 "787 mm
IM-3HXO18213-29-40- <b>**</b>	18,000 W	240 V	13 "330 mm	29 "737 mm	40 "1016 mm	25 "635 mm
IM-3HXO18413-29-40- <b>**</b>	18,000 W	480 V	13 "330 mm	29 "737 mm	40 "1016 mm	25 "635 mm

**\*\*Specify Protector / Fuse**

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

### ORDER CODE

IM-3HXO	XX	X	XX	-	XX	-	XX	-	XX
SERIES	WATTAGE	VOLTAGE	WIDTH	HOT ZONE	OVERALL LENGTH	PHASE	TYPE OF PROTECTOR		
3HXO - 3 element PTFE sheathed	1.5 1500W	1 120V	10.5 1.5kW	08 1.5kW	11 1.5kW	3 phase (std), No designator	REPLACEABLE FUSE		
	3 3000W	2 240V	11 3kW	08 3kW	11 3kW		P1- SOLUTIONS UP TO 190°F		
	4.5 4500W	3 380V	11 4.5kW	11.5 4.5kW	17 4.5kW	-1= single phase	RESETTABLE FUSE		
	6 6000W	4 480V	13 6kW	12.5 6kW	17 6kW		P2 - SOLUTIONS UP TO 190°F		
	9 9000W	5 415V	13 9kW	18 9kW	23 9kW		P8 - SOLUTIONS 190°F TO 210°F		
	12 12000W	6 600V	13 12kW	22.5 12kW	29 12kW	Specify Custom Lengths	P3 - SOLUTIONS 210°F TO 250°F		
	15 15000W	7 400V	13 15kW	27 15kW	35 15kW				
	18 18000W	8 208V	13 18kW	31 18kW	40 18kW				
	9 220V								
	0 200V								

EX. IM-3HXO4.5611-11.5-17-P2-X72  
 PTFE 3 ELEMENT O-SHAPED HEATER,  
 4.5kW, 600V, 3PH 11" Width, 11.5" Hot Zone, 17"OAL, P2 Resettable Fuse for Solutions up to 190degF, 72" Teflon Conduit

**WIRE & CONDUIT LENGTH**  
 blank - 36" TEFLON CONDUIT