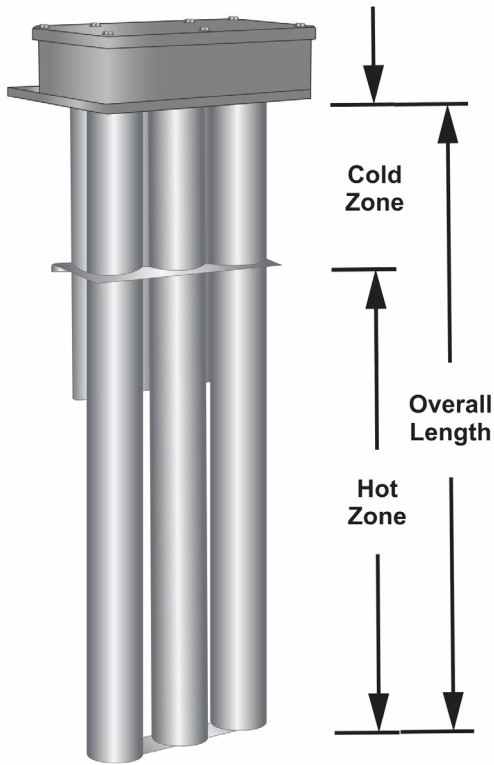


TRIPLE METAL OVER THE SIDE HEATER



INFORMATION

- Chemical heater designed for durability and efficiency
- Suitable for use in various aqueous alkaline solutions, plating and phosphate tanks
- Available in steel, 304 stainless steel, 316 stainless steel, and titanium
- Three phase
- Wattage range of 3000-36000
- Operates at voltages of 240-480
- Ideal for use in surface finishing applications

FEAUTRES

- Heavy wall metal sheaths available in:
 - steel
 - 304 stainless steel
 - 316 stainless steel
 - titanium
- Watt densities up to 35 watts/square inch (5.4 w/cm²)
- Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible Teflon liquid tight conduit
- Grounded construction 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 180°F (82°C)
P4	REPLACEABLE	For solutions from 180 to 230°F (82 to 110°C)
P5	REPLACEABLE	For solutions from 230 to 300°F (110 to 150°C)
P2	RESETTABLE	For solutions up to 180°F (82°C)
P6	RESETTABLE	For solutions from 180 to 230°F (82 to 110°C)
P7	RESETTABLE	For solutions from 230 to 300°F (110 to 150°C)

STANDARD PARTS

STEEL	304SS	316SS	TITANIUM	WATTS	VOLTS	HOT ZONE	OVERALL LEGTH
IM-3P3211-*.**	IM-3F3211-*.**	IM-3S3211-*.**	IM-3T3211-*.**	3000 W	240 V	6 "152 mm	11 "279 mm
IM-3P3411-*.**	IM-3F3411-*.**	IM-3S3411-*.**	IM-3T3411-*.**	3000 W	480 V	6 "152 mm	11 "279 mm
IM-3P6217-*.**	IM-3F6217-*.**	IM-3S6217-*.**	IM-3T6217-*.**	6000 W	240 V	10 "254 mm	17 "432 mm
IM-3P6417-*.**	IM-3F6417-*.**	IM-3S6417-*.**	IM-3T6417-*.**	6000 W	480 V	10 "254 mm	17 "432 mm
IM-3P9223-*.**	IM-3F9223-*.**	IM-3S9223-*.**	IM-3T9223-*.**	9000 W	240 V	16 "406 mm	23 "584 mm
IM-3P9423-*.**	IM-3F9423-*.**	IM-3S9423-*.**	IM-3T9423-*.**	9000 W	480 V	16 "406 mm	23 "584 mm
IM-3P12229-*.**	IM-3F12229-*.**	IM-3S12229-*.**	IM-3T12229-*.**	12,000 W	240 V	20 "508 mm	29 "737 mm
IM-3P12429-*.**	IM-3F12429-*.**	IM-3S12429-*.**	IM-3T12429-*.**	12,000 W	480 V	20 "508 mm	29 "737 mm
IM-3P15235-*.**	IM-3F15235-*.**	IM-3S15235-*.**	IM-3T15235-*.**	15,000 W	240 V	25 "635 mm	35 "889 mm
IM-3P15435-*.**	IM-3F15435-*.**	IM-3S15435-*.**	IM-3T15435-*.**	15,000 W	480 V	25 "635 mm	35 "889 mm
IM-3P18240-*.**	IM-3F18240-*.**	IM-3S18240-*.**	IM-3T18240-*.**	18,000 W	240 V	30 "762 mm	40 "1016 mm
IM-3P18440-*.**	IM-3F18440-*.**	IM-3S18440-*.**	IM-3T18440-*.**	18,000 W	480 V	30 "762 mm	40 "1016 mm
IM-3P24247-*.**	IM-3F24247-*.**	IM-3S24247-*.**	IM-3T24247-*.**	24,000 W	240 V	37 "940 mm	47 "1194 mm
IM-3P24447-*.**	IM-3F24447-*.**	IM-3S24447-*.**	IM-3T24447-*.**	24,000 W	480 V	37 "940 mm	47 "1194 mm
IM-3P27254-*.**	IM-3F27254-*.**	IM-3S27254-*.**	IM-3T27254-*.**	27,000 W	240 V	44 "1118 mm	54 "1372 mm
IM-3P27454-*.**	IM-3F27454-*.**	IM-3S27454-*.**	IM-3T27454-*.**	27,000 W	480 V	44 "1118 mm	54 "1372 mm
IM-3P30259-*.**	IM-3F30259-*.**	IM-3S30259-*.**	IM-3T30259-*.**	30,000 W	240 V	49 "1245 mm	59 "1499 mm
IM-3P30459-*.**	IM-3F30459-*.**	IM-3S30459-*.**	IM-3T30459-*.**	30,000 W	480 V	49 "1245 mm	59 "1499 mm
IM-3P36268-*.**	IM-3F36268-*.**	IM-3S36268-*.**	IM-3T36268-*.**	36,000 W	240 V	58 "1473 mm	68 "1727 mm
IM-3P36468-*.**	IM-3F36468-*.**	IM-3S36468-*.**	IM-3T36468-*.**	36,000 W	480 V	58 "1473 mm	68 "1727 mm

*3 phase standard, single phase available. **Specify Protector / Fuse

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

ORDER CODE

IM-3X		XX	X	XX	- X	-	XX	
SERIES	WATTAGE	VOLTAGE	OVERALL LENGTH	PHASE	TYPE OF PROTECTOR	WIRE & CONDUIT LENGTH		
3P Steel	3 3000W	1 120V	11 3kW	-3 = 3 Phase (std)	REPLACEABLE FUSE	blank - 36" TEFLON CONDUIT		
3F 304 stainless steel	6 6000W	2 240V	17 6kW		P1 (std)- SOLUTIONS UP TO 180°F			
3S 316 stainless steel	9 9000W	3 380V	23 9kW	-1 = Single Phase	P4 - SOLUTIONS UP TO 230°F	SPECIFY LENGTH - EX. X84 = 84" TEFLON CONDUIT		
3T Titanium	12 12000W	4 480V	29 12kW		P5 - SOLUTIONS UP TO 300°F			
	15 15000W	5 415V	35 15kW		RESETTABLE FUSE			
	18 18000W	6 600V	40 18kW		P2 - SOLUTIONS UP TO 180°F			
	24 24000W	7 400V	47 24kW		P6 - SOLUTIONS UP TO 230°F			
	27 27000W	8 208V	54 27kW		P7 - SOLUTIONS UP TO 300°F			
	30 30000W	9 220V	59 30kW					
	36 36000W	0 200V	68 36kW					

EX. IM-3S18640-3-P5 TRIPLE METAL 316SS Immersion Heater, 18kW, 600V, 3PH, 40" Overall Length, P5 Replaceable Fuse for Solutions up to 300degF, 36" Teflon Conduit