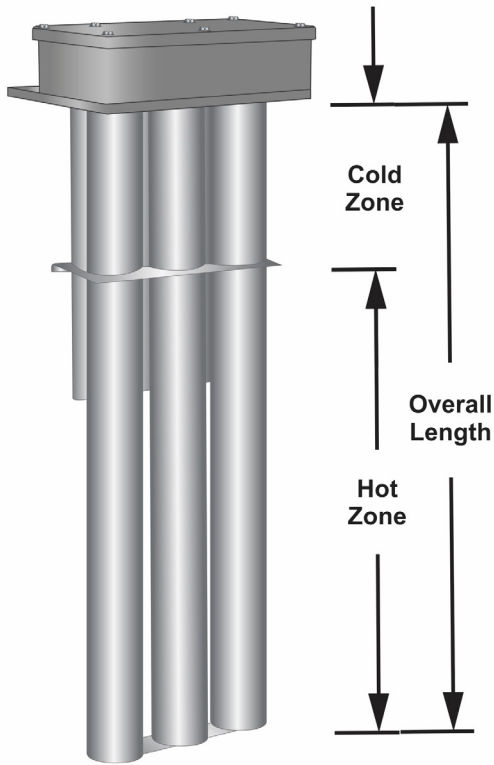


**LOW WATT DENSITY TRIPLE METAL OVER THE SIDE HEATER**



**INFORMATION**

- Low watt density, durable, efficient metal heater
- For concentrated alkaline or caustic solutions
- Check solution recommendation chart with chemical supplier for proper sheath material selection
- Available in:
  - Steel
  - 304 Stainless Steel
  - 316 Stainless Steel
  - Titanium
- Three phase
- 1500-18000 watts, 120-480 volts

**FEAUTRES**

- Low watt densities of 18 watts/square inch (2.8 w/cm<sup>2</sup>)
- Vapor resistant, flame retardant polypropylene terminal enclosure with 3 ft (.9m) flexible PVC 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 Length
IM-D3P1.5111-**	IM-D3F1.5111-**	IM-D3S1.5111-**	IM-D3T1.5111-**	1500 W	120 V	6 "152 mm	11 "279 mm
IM-D3P1.5211-**	IM-D3F1.5211-**	IM-D3S1.5211-**	IM-D3T1.5211-**	1500 W	240 V	6 "152 mm	11 "279 mm
IM-D3P3217-**	IM-D3F3217-**	IM-D3S3217-**	IM-D3T3217-**	3000 W	240 V	10 "254 mm	17 "432 mm
IM-D3P3417-**	IM-D3F3417-**	IM-D3S3417-**	IM-D3T3417-**	3000 W	480 V	10 "254 mm	17 "432 mm
IM-D3P4.5223-**	IM-D3F4.5223-**	IM-D3S4.5223-**	IM-D3T4.5223-**	4500 W	240 V	16 "406 mm	23 "584 mm
IM-D3P4.5423-**	IM-D3F4.5423-**	IM-D3S4.5423-**	IM-D3T4.5423-**	4500 W	480 V	16 "406 mm	23 "584 mm
IM-D3P6229-**	IM-D3F6229-**	IM-D3S6229-**	IM-D3T6229-**	6000 W	240 V	20 "508 mm	29 "737 mm
IM-D3P6429-**	IM-D3F6429-**	IM-D3S6429-**	IM-D3T6429-**	6000 W	480 V	20 "508 mm	29 "737 mm
IM-D3P7.5235-**	IM-D3F7.5235-**	IM-D3S7.5235-**	IM-D3T7.5235-**	7500 W	240 V	25 "635 mm	35 "889 mm
IM-D3P7.5435-**	IM-D3F7.5435-**	IM-D3S7.5435-**	IM-D3T7.5435-**	7500 W	480 V	25 "635 mm	35 "889 mm
IM-D3P9240-**	IM-D3F9240-**	IM-D3S9240-**	IM-D3T9240-**	9000 W	240 V	30 "762 mm	40 "1016 mm
IM-D3P9440-**	IM-D3F9440-**	IM-D3S9440-**	IM-D3T9440-**	9000 W	480 V	30 "762 mm	40 "1016 mm
IM-D3P12247-**	IM-D3F12247-**	IM-D3S12247-**	IM-D3T12247-**	12,000 W	240 V	37 "940 mm	47 "1194 mm
IM-D3P12447-**	IM-D3F12447-**	IM-D3S12447-**	IM-D3T12447-**	12,000 W	480 V	37 "940 mm	47 "1194 mm
IM-D3P13.5254-**	IM-D3F13.5254-**	IM-D3S13.5254-**	IM-D3T13.5254-**	13,500 W	240 V	44 "1118 mm	54 "1372 mm
IM-D3P13.5454-**	IM-D3F13.5454-**	IM-D3S13.5454-**	IM-D3T13.5454-**	13,500 W	480 V	44 "1118 mm	54 "1372 mm
IM-D3P15259-**	IM-D3F15259-**	IM-D3S15259-**	IM-D3T15259-**	15,000 W	240 V	49 "1245 mm	59 "1499 mm
IM-D3P15459-**	IM-D3F15459-**	IM-D3S15459-**	IM-D3T15459-**	15,000 W	480 V	49 "1245 mm	59 "1499 mm
IM-D3P18268-**	IM-D3F18268-**	IM-D3S18268-**	IM-D3T18268-**	18,000 W	240 V	58 "1473 mm	68 "1727 mm
IM-D3P18468-**	IM-D3F18468-**	IM-D3S18468-**	IM-D3T18468-**	18,000 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-D3X		XX	X	XX	- X	-	XX	
SERIES	WATTAGE	VOLTAGE	OVERALL LENGTH	PHASE	TYPE OF PROTECTOR	WIRE & CONDUIT LENGTH		
D3P Steel	1.5 1500W	1 120V	11 1.5kW	-3 = 3 Phase (std)	REPLACEABLE FUSE	blank - 36" TEFLON CONDUIT		
D3F 304 stainless steel	3 3000W	2 240V	17 3kW		P1 (std)- SOLUTIONS UP TO 180°F			
D3S 316 stainless steel	4.5 4500W	3 380V	23 4.5kW	-1 = Single Phase	P4 - SOLUTIONS UP TO 230°F	SPECIFY LENGTH - EX. X84 = 84" TEFLON CONDUIT		
D3T Titanium	6 6000W	4 480V	29 6kW		P5 - SOLUTIONS UP TO 300°F			
	7.5 7.500W	5 415V	35 7.5kW		RESETTABLE FUSE			
	9 9000W	6 600V	40 9kW		P2 - SOLUTIONS UP TO 180°F			
	12 12000W	7 400V	47 12kW		P6 - SOLUTIONS UP TO 230°F			
	13.5 13500W	8 208V	54 13.5kW		P7 - SOLUTIONS UP TO 300°F			
	15 15000W	9 220V	59 15kW					
	18 18000W	0 200V	68 18kW					

EX. IM-D3S18668-3-P5 LOW WATT DENSITY TRIPLE METAL 316SS Immersion Heater, 18kW, 600V, 3PH, 68" Overall Length, P5 Replaceable Fuse for Solutions up to 300degF, 36" Teflon