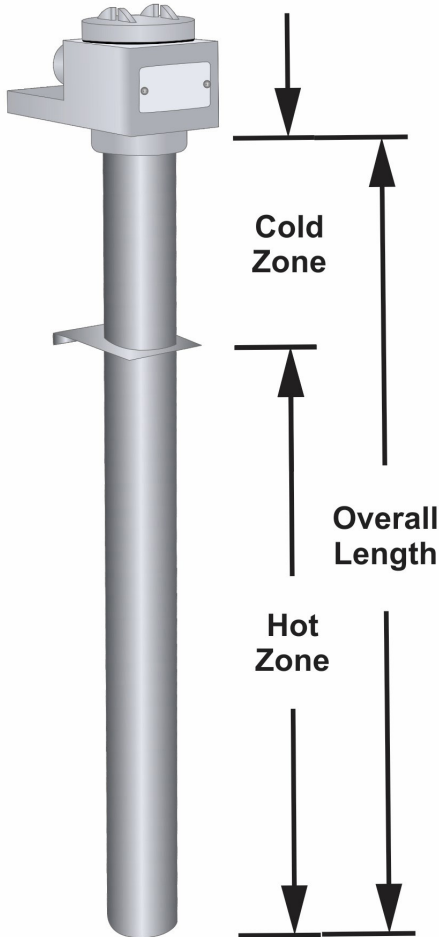


LOW WATT DENSITY METAL OVER THE SIDE HEATERS



INFORMATION

- Low watt density, derated, 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
- Single or three phase
- 500-6000 watts, 120-480 volts

FEAUTRES

- Low watt densities of 18 watts/square inch (2.8 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 Length
IM-DP.5111-**	IM-DF.5111-**	IM-DS.5111-**	IM-DT.5111-**	500 W	120 V	6 "152 mm	11 "279 mm
IM-DP.5211-**	IM-DF.5211-**	IM-DS.5211-**	IM-DT.5211-**	500 W	240 V	6 "152 mm	11 "279 mm
IM-DP1217-**	IM-DF1217-**	IM-DS1217-**	IM-DT1217-**	1000 W	240 V	10 "254 mm	17 "432 mm
IM-DP1417-**	IM-DF1417-**	IM-DS1417-**	IM-DT1417-**	1000 W	480 V	10 "254 mm	17 "432 mm
IM-DP1.5223-**	IM-DF1.5223-**	IM-DS1.5223-**	IM-DT1.5223-**	1500 W	240 V	16 "406 mm	23 "584 mm
IM-DP1.5423-**	IM-DF1.5423-**	IM-DS1.5423-**	IM-DT1.5423-**	1500 W	480 V	16 "406 mm	23 "584 mm
IM-DP2229-**	IM-DF2229-**	IM-DS2229-**	IM-DT2229-**	2000 W	240 V	20 "508 mm	29 "737 mm
IM-DP2429-**	IM-DF2429-**	IM-DS2429-**	IM-DT2429-**	2000 W	480 V	20 "508 mm	29 "737 mm
IM-DP2.5235-**	IM-DF2.5235-**	IM-DS2.5235-**	IM-DT2.5235-**	2500 W	240 V	25 "635 mm	35 "889 mm
IM-DP2.5435-**	IM-DF2.5435-**	IM-DS2.5435-**	IM-DT2.5435-**	2500 W	480 V	25 "635 mm	35 "889 mm
IM-DP3240-**	IM-DF3240-**	IM-DS3240-**	IM-DT3240-**	3000 W	240 V	30 "762 mm	40 "1016 mm
IM-DP3440-**	IM-DF3440-**	IM-DS3440-**	IM-DT3440-**	3000 W	480 V	30 "762 mm	40 "1016 mm
IM-DP4247-**	IM-DF4247-**	IM-DS4247-**	IM-DT4247-**	4000 W	240 V	37 "940 mm	47 "1194 mm
IM-DP4447-**	IM-DF4447-**	IM-DS4447-**	IM-DT4447-**	4000 W	480 V	37 "940 mm	47 "1194 mm
IM-DP4.5254-**	IM-DF4.5254-**	IM-DS4.5254-**	IM-DT4.5254-**	4500 W	240 V	44 "1118 mm	54 "1372 mm
IM-DP4.5454-**	IM-DF4.5454-**	IM-DS4.5454-**	IM-DT4.5454-**	4500 W	480 V	44 "1118 mm	54 "1372 mm
IM-DP5259-**	IM-DF5259-**	IM-DS5259-**	IM-DT5259-**	5000 W	240 V	49 "1245 mm	59 "1499 mm
IM-DP5459-**	IM-DF5459-**	IM-DS5459-**	IM-DT5459-**	5000 W	480 V	49 "1245 mm	59 "1499 mm
IM-DP6268-**	IM-DF6268-**	IM-DS6268-**	IM-DT6268-**	6000 W	240 V	58 "1473 mm	68 "1727 mm
IM-DP6468-**	IM-DF6468-**	IM-DS6468-**	IM-DT6468-**	6000 W	480 V	58 "1473 mm	68 "1727 mm

Single phase standard, 3-phase available. **Specify Protector / Fuse

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

ORDER CODE

IM-DX	XX	X	XX	-	XX	
SERIES	WATTAGE	VOLTAGE	OVERALL LENGTH	PHASE	TYPE OF PROTECTOR	WIRE & CONDUIT LENGTH
DP Steel	.5 500	1 120V	11 .5kW	No Designator = Single Phase Power (std)	REPLACEABLE FUSE	blank - 36" TEFLON CONDUIT
DF 304 stainless steel	1 1000	2 240V	17 1kW		P1 _(std) - SOLUTIONS UP TO 180°F	
DS 316 stainless steel	1.5 1500	3 380V	23 1.5kW	-3 = Three Phase Power	P4 - SOLUTIONS UP TO 230°F	SPECIFY LENGTH - EX. X84 = 84" TEFLON CONDUIT
DT Titanium	2 2000	4 480V	29 2kW		P5 - SOLUTIONS UP TO 300°F	
	2.5 2500	5 415V	35 2.5kW		RESETTABLE FUSE	
	3 3000	6 600V	40 3kW		P2 - SOLUTIONS UP TO 180°F	
	4 4000	7 400V	47 4kW		P6 - SOLUTIONS UP TO 230°F	
	4.5 4500	8 208V	54 4.5kW		P7 - SOLUTIONS UP TO 300°F	
	5 5000	9 220V	59 5kW			
	6 6000	0 200V	60 6kW			

EX. IM-DS4447-3-P1 LOW WATT DENSITY METAL OVER THE SIDE 316SS Immersion Heater, 4kW, 480V, 3PH, 47" Overall Length, P1 Replaceable Fuse for Solutions up to 180degF, 36" Teflon Conduit