



DEEP TANK, METAL HEATERS								
WATTS	VOLTS	HOT ZONE In./(mm)	OVERALL LENGTH In./(mm)	STEEL	304 SS	316 SS	TITANIUM	SHIP WGT. Lbs./(kg)
12000	240	58	96	P12296-**	F12296-**	S12296-**	T12296-**	37
	480	(1475)	(2440)	P12496-**	F12496-**	S12496-**	T12496-**	(17)
12000	240	58	120	P122120-**	F122120-**	S122120-**	T122120-**	45
	480	(1475)	(3050)	P124120-**	F124120-**	S124120-**	T124120-**	(20)
12000	240	58	144	P122144-**	F122144-**	S122144-**	T122144-**	53
	480	(1475)	(3655)	P124144-**	F124144-**	S124144-**	T124144-**	(24)
15000	480	76 (1930)	96(2440)	P15496-**	F15496-**	S15496-**	T15496-**	37 (17)
15000	480	76 (1930)	120 (3050)	P154120-**	F154120-**	S154120-**	T154120-**	45 (20)
15000	480	76 (1930)	144 (3655)	P154144-**	F154144-**	S154144-**	T154144-**	53 (24)
18000	480	82 (2085)	96(2440)	P18496-**	F18496-**	S18496-**	T18496-**	37 (17)
18000	480	82 (2085)	120 (3050)	P184120-**	F184120-**	S184120-**	T184120-**	45 (20)
18000	480	82 (2085)	144 (3655)	P184144-**	F184144-**	S184144-**	T184144-**	53 (24)

Three phase available as option. Add "-3" before thermal protector designator. Heaters 15,000 watts and higher at 240 volts are available in three phase only.

Product Features and Benefits:

- ◆ **SUPERIOR CHEMICAL RESISTANCE:** Materials available for use in most aqueous alkaline solutions, plating solutions, and rinse tanks. Check solution recommendation chart or with your chemical supplier for proper sheath material selection.
- ◆ **RUGGED CONSTRUCTION:** Heavy wall metal sheaths available in:
 - Steel.
 - 304 stainless steel.
 - 316 stainless steel.
 - Titanium.
- ◆ **OUTSTANDING PERFORMANCE:** Watt densities of 35 watts per square inch (5.4 w/cm²) ensure long service life.
- ◆ **CORROSION RESISTANT HEAD:** Vapor resistant, flame retardant polypropylene terminal enclosure with 3-foot (.9m) flexible PVC liquid tight conduit.
- ◆ **SAFETY FEATURES:**
 - Grounded construction.
 - Thermal protector built in. Replaceable P1 fuse standard for solutions up to 180°F (82°C).
 - Non-floating construction.
- ◆ **CERTIFICATIONS:** UL listed (except steel) to U.S. and Canadian safety requirements, and CE (except 600 volts).
- ◆ **SIZES:** 12,000 watts to 18,000 watts.
- ◆ **VOLTAGES:** 240 to 600 volts. Single phase standard, three phase available.
- ◆ **OPTIONS AVAILABLE (consult factory):**
 - Replaceable thermal protectors:
 - P4: for solutions from 180°F (82°C) to 230°F (110°C).
 - Resettable thermal protectors:
 - P2: for solutions up to 180°F (82°C).
 - P6: for solutions from 180°F (82°C) to 230°F (110°C).
 - Special configurations and lengths.
 - Longer wire and conduit lengths.
 - Lower watt densities for highly viscous solutions.
 - Temperature and level controls sized to match the heater.

Your Distributor:

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