

FLANGED IMMERSION HEATERS FOR MILD CORROSIVE SOLUTIONS



TMS Series

- ✓ 240 and 480 V, 1 & 3 Phase
- ✓ 3 to 36 kW
- ✓ Premium Grade Stainless Steel (8% Nickel) Sheathed Heating Elements for Use in Mild Corrosive Solutions
- ✓ Time Tested
- ✓ Heavy Duty

FEATURES

Rugged construction. Sturdy stainless steel .475" (1.2 cm) diameter elements, welded to steel flanges provide superior rigidity and strength. Heavy duty jumper straps and terminal parts assure permanent tightness of connections and an extra margin of current carrying capacity.

Long life elements. High grade 304 series stainless steel outer sheath provides the benefits of strength and durability in those applications where stainless performance is required.

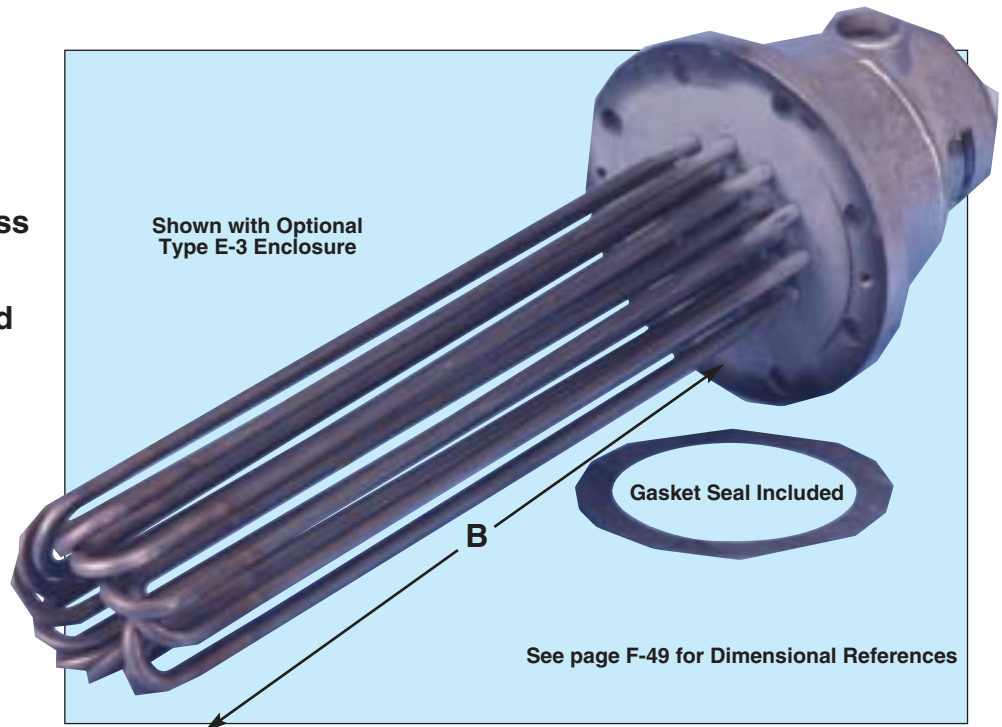
SPECIFICATIONS

Wattage: 3 to 36 kW
Power: 240 and 480 V, 1 & 3 phase
Watt Density: 23 W/in²
Terminal Enclosure: General purpose NEMA 1 rated. Other enclosures available. Contact OMEGALUX®

Please Note: Approved pressure and/or temperature limiting controls must be used to assure safe operation in the event of system malfunctions. See Temperature Section! Heaters with General Purpose & Moisture Resistant Enclosures are UL Listed and CSA Certified and Not Intended for use in Hazardous Areas.

Ordering Example: Model
 TMS-3035M/240/3P Is a 3 kW heater powered by 3 phase 240 VAC,

Ordering Example: Model
 TMS-6095M/480/3P Is a 9 kW heater powered by 3 phase 480 VAC,



To Order (Specify Model Number)

kW	Circ.	Dim. in. (cm) B	E-1 General Purpose Encl. ¹		Wt. lb (kg)	Dim. in. (cm) N
			Model No.			
3 Inch-150 lb. Steel Flange, 3 Stainless Steel Elements — 23 W/in²						
3	1	18 ¹ / ₆ (46)	TMS-3035M/240/*		16 (7)	1 (3)
3	1	18 ¹ / ₆ (46)	TMS-3035M/480/*		16 (7)	1 (3)
4.5	1	25 ³ / ₆ (64)	TMS-3045M/240/*		17 (8)	1 (3)
4.5	1	25 ³ / ₆ (64)	TMS-3045M/480/*		17 (8)	1 (3)
6	1	33 ¹ / ₆ (84)	TMS-3065M/240/*		18 (8)	1 (3)
6	1	33 ¹ / ₆ (84)	TMS-3065M/480/*		18 (8)	1 (3)
7.5	1	40 ⁰ / ₆ (103)	TMS-3075M/240/3P		19 (9)	1 (3)
7.5	1	40 ⁰ / ₆ (103)	TMS-3075M/480/3P		19 (9)	1 (3)
9	1	48 ¹ / ₆ (122)	TMS-3095M/480/*		21 (10)	1 (3)
9	1	48 ¹ / ₆ (122)	TMS-3095M/240/3P		21 (10)	1 (3)
5 Inch-150 lb. Steel Flange, 6 Stainless Steel Elements — 23 W/in²						
9	1	25 ³ / ₆ (64)	TMS-6095M/**/3P		32 (15)	1 (3)
12	1	33 ¹ / ₆ (84)	TMS-6125M/**/3P		33 (15)	1 (3)
15	1	40 ⁰ / ₆ (103)	TMS-6155M/**/3P		35 (16)	1 (3)
20	2	52 ¹ / ₆ (146)	TMS-6205M/240/3P		38 (17)	1 (3)
20	1	52 ¹ / ₆ (146)	TMS-6205M/480/3P		38 (17)	1 (3)
25	2	65 ¹ / ₆ (184)	TMS-6255M/240/3P		42 (19)	1 (3)
25	1	65 ¹ / ₆ (184)	TMS-6255M/480/3P		42 (19)	1 (3)
30	2	78 ¹ / ₆ (214)	TMS-6305M/**/3P		46 (21)	1 (3)
6 Inch-150 lb. Steel Flange, 12 Stainless Steel Elements — 23 W/in²						
18	2	25 ³ / ₆ (64)	TMS-1218M/**/3P		67 (30)	1 (3)
24	2	33 (84)	TMS-1224M/**/3P		76 (34)	1 (3)
30	2	40 ¹ / ₂ (103)	TMS-1230M/**/3P		84 (38)	1 (3)
36	2	48 (122)	TMS-1236M/**/3P		111 (50)	1 (3)

/ Add the suffix "/3P" to the model number for 3 phase power.
 /** Designate voltage, i.e., 240 for 240 VAC or 480 for 480 VAC.
 Note: Larger flange sizes and kW rating available. Contact OMEGALUX®.*





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• Temperature

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• Flow and Level

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• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters