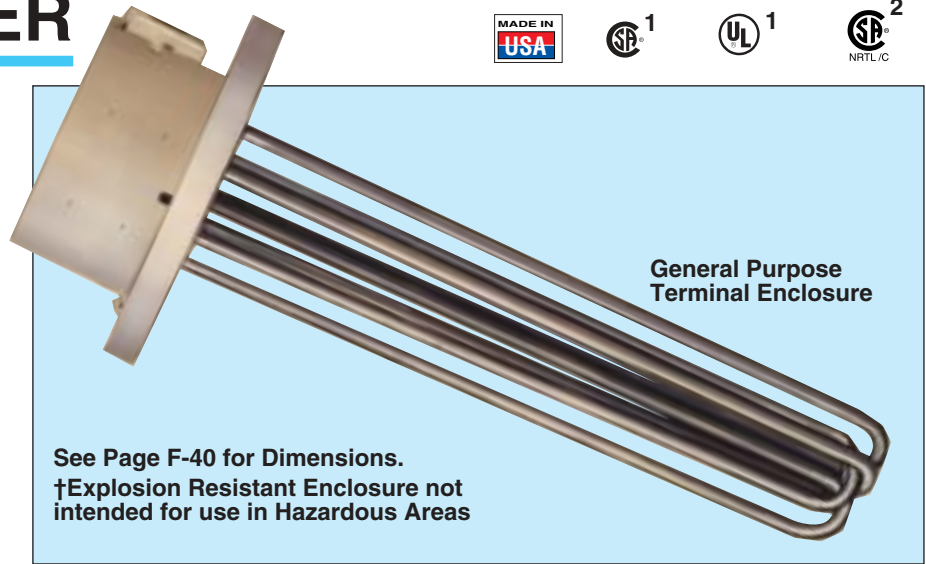


FLANGED IMMERSION HEATERS FOR CLEAN WATER



TM Series

- ✓ Flange Sizes 3" to 5" of High Grade Steel
- ✓ General Purpose, NEMA 1 Rated Enclosure or Moisture Resistant, Explosion Resistant† Enclosure Available
- ✓ Sturdy 0.475" Diameter Copper Elements
- ✓ 6 to 150 kW
- ✓ 240 and 480 Vac Power, 1 and 3 Phase



General Purpose Terminal Enclosure

See Page F-40 for Dimensions.
†Explosion Resistant Enclosure not intended for use in Hazardous Areas

Please note: Approved pressure and/or temperature limited controls must be used to assure safe operation in the event of system malfunctions. See Temperature Section.

APPLICATIONS

For clean water pH 6 to 8 – Clean municipal water such as used in washing, rinsing and industrial processes with a pH factor range of pH 6 to pH 8.

For non-corrosive solutions – Non-corrosive water solutions or weak alkaline or acid content of up to 1% by volume, such as sodium carbonate, sodium chlorate or other neutral salts.

To Order (Specify Model Number)

MOST POPULAR ITEMS HIGHLIGHTED

kW	Circ.	Dim. in (cm)	Wt. lbs (kg)	E1 Gen. Purpose Encl. ¹		Dim. in (cm)	E-2 Moisture Resistant/Explosion Res. Encl. ²		Dim. in (cm)	
				Model No.	Price		Model No.	Price		
3 Inch-150 lb. Steel Flange, 3 Copper Sheath Elements — 45 W/in²										
6	1	18 ¹ / ₁₆ (46)	16(7)	TM-3065/240/*	\$762	1 (3)	TM-3065E2/240/*	\$965	¾ (2)	
6	1	18 ¹ / ₁₆ (46)	16(7)	TM-3065/480/*	762	1 (3)	TM-3065E2/480/*	965	¾ (2)	
9	1	25 ³ / ₁₆ (64)	17(8)	TM-3095/240/*	856	1 (3)	TM-3095E2/240/*	1051	¾ (2)	
9	1	25 ³ / ₁₆ (64)	17(8)	TM-3095/480/*	856	1 (3)	TM-3095E2/480/*	1051	¾ (2)	
12	1	33 ¹ / ₁₆ (84)	18 (8)	TM-3125/240	839	1½ (3)	TM-3125E2/240	1156	1 (3)	
12	1	33 ¹ / ₁₆ (84)	18 (8)	TM-3125/240/3P	953	1 (3)	TM-3125E2/240/3P	1156	¾ (2)	
12	1	33 ¹ / ₁₆ (84)	18 (8)	TM-3125/480/*	953	1 (3)	TM-3125E2/480/*	1156	¾ (2)	
15	1	40 ⁹ / ₁₆ (103)	20 (9)	TM-3155/240	1051	1 (3)	TM-3155E2/240	1266	1¼ (3)	
15	1	40 ⁹ / ₁₆ (103)	20 (9)	TM-3155/240/3P	1051	1½ (3)	TM-3155E2/240/3P	1266	¾ (2)	
15	1	40 ⁹ / ₁₆ (103)	20 (9)	TM-3155/480/*	1051	1 (3)	TM-3155E2/480/*	1266	¾ (2)	
18	1	48 ³ / ₁₆ (122)	21(10)	TM-3185/240	1141	1½ (3)	TM-3185E2/240	1344	1¼ (3)	
18	1	48 ³ / ₁₆ (122)	21(10)	TM-3185/240/*	1141	1 (3)	TM-3185E2/240/3P	1344	¾ (2)	
18	1	48 ³ / ₁₆ (122)	21(10)	TM-3185/480/*	1141	1 (3)	TM-3185E2/480/*	1344	¾ (2)	

To Order (Specify Model Number)

kW	Circ. & Ph.	Dim. in (cm)	Weight lb (kg)	E-1 Gen. Purpose Encl. ¹		Dim. in (cm)	E-3 Explosion Res. Encl. ²		Dim. in (cm)	E-4 Moisture Res. Encl. ¹		Dim. in (cm)
				Model No.	Price		Model No.	Price		Model No.	Price	
5 Inch-150 Lb. Steel Flange, 6 Copper Sheath Elements — 45 W/in²												
12	1-3	18 ¹ / ₁₆ (46)	30 (14)	TM-6125/**/3P	\$1138	1 (3)	TM-6125E3/**/3P	\$1680	1½ (4)	TM-6125E4/**/3P	\$1589	1 (3)
15	1-3	19 ³ / ₁₆ (50)	31 (14)	TM-6155/**/3P	1173	1 (3)	TM-6155E3/**/3P	1709	1½ (4)	TM-6155E4/**/3P	1627	1 (3)
18	1-3	25 ³ / ₁₆ (64)	33 (15)	TM-6185/**/3P	1309	1 (3)	TM-6185E3/**/3P	1850	1½ (4)	TM-6185E4/**/3P	1766	1 (3)
24	2-3	33 ¹ / ₁₆ (84)	37 (17)	TM-6245/240/3P	1583	1 (3)	TM-6245E3/240/3P	2124	1½ (4)	TM-6245E4/240/3P	2044	1 (3)
24	1-3	33 ¹ / ₁₆ (84)	37 (17)	TM-6245/480/3P	1583	1 (3)	TM-6245E3/480/3P	2124	1½ (4)	TM-6245E4/480/3P	2044	1 (3)
30	2-3	40 ⁹ / ₁₆ (103)	40 (18)	TM-6305/**/3P	1848	1 (3)	TM-6305E3/**/3P	2389	1½ (4)	TM-6305E4/**/3P	2304	1 (3)
40	2-3	52 ¹ / ₁₆ (132)	51 (23)	TM-6405/**/3P	2304	1 (3)	TM-6405E3/**/3P	2849	1½ (4)	TM-6405E4/**/3P	2759	1 (3)
60	2-3	78 ¹ / ₁₆ (198)	77 (35)	TM-6605/480/3P	3283	1 (3)	TM-6605E3/480/3P	3833	1½ (4)	TM-6605E4/680/3P	3745	1 (3)

/* Add the suffix "3P" to the model number for 3 phase power.
/** Specify voltage, i.e., 240 for 240 VAC or 480 for 480 VAC.
Note: Larger flange sizes and kW rating available. Please contact OMEGALUX for specific details.
Ordering Example: Model TM-3065/240/3P, is a 6kW heater powered by 3 phase 240 VAC, \$762.

Ordering Example: Model TM-6125/480/3P, is a 12kW heater powered by 3 phase 480 VAC, \$1138.
¹Heaters with General Purpose and Moisture Resistant Enclosures are UL Listed and CSA Certified. ²Heaters with Explosion Resistant Enclosures are CSA NRTL/C certified and are not intended for use in hazardous areas.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• 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