

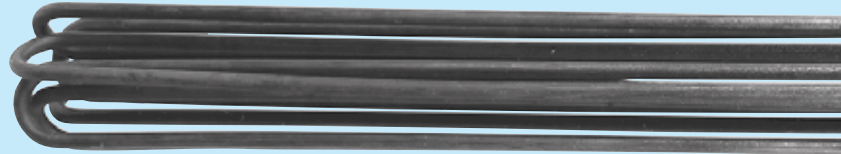
FLANGED IMMERSION HEATERS FOR DEMINERALIZED WATER



TMIS Series

- ✓ 6 to 50 kW
- ✓ 240 and 480 V, 3 Phase
- ✓ 3 & 5 Inch (8 & 13 cm), 150 lb (60 kg) Passivated Stainless Steel Flange
- ✓ Passivated Incoloy Sheath Heating Elements

DISCONTINUED



DISCONTINUED

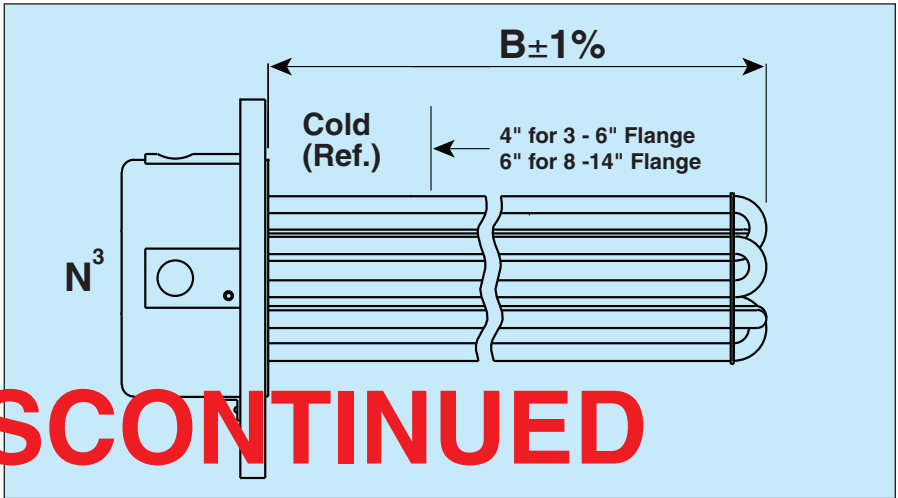
CAUTION AND WARNING!
Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warning.

FEATURES

Rugged construction. Sturdy .475" diameter passivated Incoloy sheath heating elements, welded to passivated stainless steel flanges - corrosion resistance provides superior rigidity and strength. Heavy duty jumper straps and terminal posts assure permanent tightness of connections and an extra margin of current carrying capacity.

APPLICATIONS

Passivated construction for use in demineralized, deionized or pure water.



DISCONTINUED

SPECIFICATIONS

Wattage: 6 to 50 kW
Power: 240 and V, 3 phase
Watt Density: 45 W/in²

Terminal Enclosure:
General purpose NEMA 1 rated.
Other enclosures available.
Contact OMEGALUX®.

To Order (Specify Model Number)

kW	Volts	Circ.	Phase	Dim. B in. (cm)	E1 General Purpose Encl. ¹		Wt. lbs. (kg)	Dim. N in. (cm)
					Model No.	Price		
3 Inch-150 Lb. SS Flange — 45 W/in²								
6	240	1	3	18 ¹ / ₁₆ (46)	TMIS-3065/240/3P	\$1657	16 (7)	1 (2.54)
6	480	1	3	18 ¹ / ₁₆ (46)	TMIS-3065/480/3P	1657	16 (7)	1 (2.54)
12	240	1	3	33 ³ / ₁₆ (84)	TMIS-3125/240/3P	1989	18 (8)	1 (2.54)
12	480	1	3	33 ³ / ₁₆ (84)	TMIS-3125/480/3P	1989	18 (8)	1 (2.54)
18	240	1	3	48 ³ / ₁₆ (122)	TMIS-3185/240/3P	2316	21 (10)	1 (2.54)
18	480	1	3	48 ³ / ₁₆ (122)	TMIS-3185/480/3P	2316	21 (10)	1 (2.54)
5 Inch-150 Lb. SS Flange — 45 W/in²								
24	240	2	3	33 ³ / ₁₆ (84)	TMIS-6245/240/3P	3421	37 (17)	1 (2.54)
24	480	1	3	33 ³ / ₁₆ (84)	TMIS-6245/480/3P	3421	37 (17)	1 (2.54)
30	240	2	3	40 ³ / ₁₆ (103)	TMIS-6305/240/3P	3704	40 (18)	1 (2.54)
30	480	1	3	40 ³ / ₁₆ (103)	TMIS-6305/480/3P	3704	40 (18)	1 (2.54)
40	240	2	3	52 ¹ / ₁₆ (132)	TMIS-6405/240/3P	4186	51 (23)	1 (2.54)
40	480	1	3	52 ¹ / ₁₆ (132)	TMIS-6405/480/3P	4186	51 (23)	1 (2.54)
50	240	2	3	65 ¹ / ₁₆ (165)	TMIS-6505/240/3P	4619	64 (29)	1 (2.54)
50	480	1	3	65 ¹ / ₁₆ (165)	TMIS-6505/480/3P	4619	64 (29)	1 (2.54)

DISCONTINUED

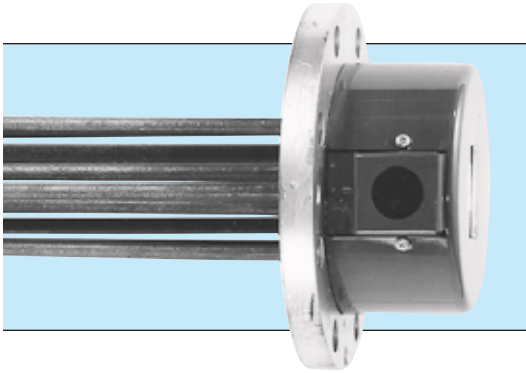
LIGHTWEIGHT OIL FLANGED IMMERSION HEATERS

TMO

MOST POPULAR ITEMS HIGHLIGHTED

To Order (Specify Model Number)

kW	Circ.	Dim. B in (cm)	Wt. lb (kg)	E-1 General Purpose Encl. ¹		Dim.N in (cm)	E-2 Moisture Tight/Explosion Res.Encl. ²		Dim.N in (cm)
				Model No.	Price		Model No.	Price	
3 Inch-150 lbs. Steel Flange, 3 Steel Sheath Elements — 23 W/in²									
3	1	18 ⁵ / ₁₆ (46)	16 (7)	TMO-3035/240/*	\$651	1 (3)	TMO-3035E2/240/*	\$850	¾ (2)
3	1	18 ⁵ / ₁₆ (46)	16 (7)	TMO-3035/480/*	651	1 (3)	TMO-3035E2/480/*	850	¾ (2)
4.5	1	25 ⁵ / ₁₆ (64)	17 (8)	TMO-3045/240/*	727	1 (3)	TMO-3045E2/240/*	927	¾ (2)
4.5	1	25 ⁵ / ₁₆ (64)	17 (8)	TMO-3045/480/*	727	1 (3)	TMO-3045E2/480/*	927	¾ (2)
6	1	33 ⁵ / ₁₆ (84)	18 (8)	TMO-3065/240/*	818	1 (3)	TMO-3065E2/240	1017	¾ (2)
6	1	33 ⁵ / ₁₆ (84)	18 (8)	TMO-3065/480/*	818	1 (3)	TMO-3065E2/240/3P	1017	¾ (2)
7.5	1	40 ⁵ / ₁₆ (103)	20 (9)	TMO-3075/480/*	880	1 (3)	TMO-3075E2/480/*	1081	¾ (2)
9	1	48 ⁵ / ₁₆ (122)	21 (10)	TMO-3095/240/*	965	1 (3)	TMO-3095E2/240	1173	¾ (2)
9	1	48 ⁵ / ₁₆ (122)	21 (10)	TMO-3095/480/*	965	1 (3)	TMO-3095E2/240/3P	1173	¾ (2)



- ✓ 3 to 80 kw
- ✓ Low Watt Density, 23 W/in²
- ✓ Rugged Steel Sheath
- ✓ U.L. Component Recognized with General Purpose Enclosure
- ✓ For Low Viscosity Oil

† U.L. Listed

/* Add the suffix "3P" to the model number for 3-phase power.

** Designate voltage, insert 120 for 120 VAC or 240 for 240 VAC.

NOTE: Larger flange sizes and kW ratings are available.

Ordering Examples: Model TMO-3035/240 is a 3 kW heater powered by 3 phase 240 VAC, \$651 Model TMO-6065/240/3P, is a 6 kW heater powered by 3 phase 240 VAC, \$1037.

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.

To Order (Specify Model Number)

kW	Circ. & Ph.	Dim. B in (cm)	Wt. lbs. (kg)	General Purpose Encl. ¹		Dim. N in (cm)	E-3 Explosion Res. Encl. ²		Dim. N in (cm)	E-4 Moisture Res. Encl. ¹		Dim N in (cm)
				Model No.	Price		Model No.	Price		Model No.	Price	
5 Inch-150 Lb. Steel Flange, 6 Steel Sheath Elements — 23 W/in²												
6	1-3	18 ⁵ / ₁₆ (46)	27 (12)	†TMO-6065/**/3P	\$1037	1 (3)	TMO-6065E3/**/3P	\$1299	1½ (4)	TMO-6065E4/**/3P	\$1250	1 (3)
7.5	1-3	19 ³ / ₁₆ (50)	30 (14)	†TMO-6075/**/3P	1088	1 (3)	TMO-6075E3/**/3P	1340	1½ (4)	TMO-6075E4/**/3P	1293	1 (3)
9	1-3	25 ⁵ / ₁₆ (64)	32 (15)	†TMO-6095/**/3P	1234	1 (3)	TMO-6095E3/**/3P	1773	1½ (4)	TMO-6095E4/**/3P	1682	1 (3)
12	1-3	33 ⁵ / ₁₆ (84)	33 (15)	†TMO-6125/**/3P	1477	1 (3)	TMO-6125E3/**/3P	2016	1½ (4)	TMO-6125E4/**/3P	1929	1 (3)
15	1-3	40 ⁹ / ₁₆ (103)	35 (16)	†TMO-6155/**/3P	1627	1 (3)	TMO-6155E3/**/3P	2167	1½ (4)	TMO-6155E4/**/3P	2086	1 (3)
20	2-3	52 ¹ / ₁₆ (132)	38 (17)	†TMO-6205/240/3P	1890	1 (3)	TMO-6205E3/240/3P	2426	1½ (4)	TMO-6205E4/240/3P	2341	1 (3)
20	1-3	52 ¹ / ₁₆ (132)	38 (17)	†TMO-6205/480/3P	1890	1 (3)	TMO-6205E3/480/3P	2426	1½ (4)	TMO-6205E4/480/3P	2341	1 (3)
25	2-3	65 ⁵ / ₁₆ (165)	42 (19)	TMO-6255/240/3P	2261	1 (3)	TMO-6255E3/240/3P	2795	1½ (4)	TMO-6255E4/240/3P	2710	1 (3)
25	1-3	65 ⁵ / ₁₆ (165)	42 (19)	TMO-6255/480/3P	2261	1 (3)	TMO-6255E3/480/3P	2795	1½ (4)	TMO-6255E4/480/3P	2710	1 (3)
30	2-3	78 ⁵ / ₁₆ (198)	46 (21)	TMO-6305/240/3P	2637	1 (3)	TMO-6305E3/240/3P	3168	1½ (4)	TMO-6305E4/240/3P	3086	1 (3)
30	1-3	78 ⁵ / ₁₆ (198)	46 (21)	TMO-6305/480/3P	2637	1 (3)	TMO-6305E3/480/3P	3168	1½ (4)	TMO-6305E4/480/3P	3086	1 (3)
6 Inch-150 Lb. Steel Flange, 12 Steel Sheath Elements — 23 W/in²												
18	2-3	25 ⁵ / ₁₆ (64)	67 (30)	TMO-1218/240/3P	2767	1 (3)	TMO-1218E3/240/3P	3534	1½ (4)	TMO-1218E4/240/3P	3280	1½ (4)
18	2-3	25 ⁵ / ₁₆ (64)	67 (30)	TMO-1218/480/3P	2767	1 (3)	TMO-1218E3/480/3P	3534	1½ (4)	TMO-1218E4/480/3P	3280	1½ (4)
24	2-3	33 (84)	76 (34)	TMO-1224/240/3P	3035	2 (5)	TMO-1224E3/240/3P	3813	1½ (4)	TMO-1224E4/240/3P	3553	1½ (4)
24	2-3	33 (84)	76 (34)	TMO-1224/480/3P	3035	1 (3)	TMO-1224E3/480/3P	3813	1½ (4)	TMO-1224E4/480/3P	3553	1½ (4)
30	2-3	40 ¹ / ₂ (103)	84 (38)	TMO-1230/240/3P	3226	2 (5)	TMO-1230E3/240/3P	4000	1½ (4)	TMO-1230E4/240/3P	3742	1½ (4)
30	2-3	40 ¹ / ₂ (103)	84 (38)	TMO-1230/480/3P	3226	1 (3)	TMO-1230E3/480/3P	4000	1½ (4)	TMO-1230E4/480/3P	3742	1½ (4)
36	2-3	48 (122)	111 (50)	TMO-1236/240/3P	3475	2 (5)	TMO-1236E3/240/3P	4247	1½ (4)	TMO-1236E4/240/3P	4037	1½ (4)
36	2-3	48 (122)	111 (50)	TMO-1236/480/3P	3475	1 (3)	TMO-1236E3/480/3P	4247	1½ (4)	TMO-1236E4/480/3P	4037	1½ (4)
8 Inch-150 Lb. Steel Flange, 18 Steel Sheath Elements — 23 W/in²												
30	3-3	32 ⁵ / ₁₆ (84)	112 (51)	TMO-1830R1/**/3P	4007	1 (3)	TMO-1830R1E3/**/3P	5068	¾ (2)	TMO-1830R1E4/**/3P	4513	1½ (4)
40	3-3	43 ¹ / ₁₆ (111)	125 (57)	TMO-1840R1/**/3P	4785	1 (3)	TMO-1840R1E3/**/3P	5855	¾ (2)	TMO-1840R1E4/**/3P	5295	1½ (4)
50	3-3	51 ¹ / ₁₆ (132)	130 (59)	TMO-1850R1/240/3P	5105	1 (3)	TMO-1850R1E3/240/3P	6174	1 (3)	TMO-1850R1E4/240/3P	5620	1½ (4)
50	3-3	51 ¹ / ₁₆ (132)	130 (59)	TMO-1850R1/480/3P	5105	1 (3)	TMO-1850R1E3/480/3P	6174	¾ (2)	TMO-1850R1E4/480/3P	5620	1½ (4)
80	3-3	78 ⁵ / ₁₆ (200)	147 (67)	TMO-1880R1/240/3P	7805	1½ (3)	TMO-1880R1E3/240/3P	8873	1½ (3)	TMO-1880R1E4/240/3P	8319	1½ (4)
80	3-3	78 ⁵ / ₁₆ (200)	147 (67)	TMO-1880R1/480/3P	7805	1 (3)	TMO-1880R1E3/480/3P	8873	¾ (2)	TMO-1880R1E4/480/3P	8319	1½ (4)



omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

FRANCE

www.omega.fr

0800-466-342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• 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

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

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• 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