

# IMMERSION HEATER FOR CLEAN WATER APPLICATIONS— 1 1/4 NPT FITTING

## MT-1 Series

Starts at

**\$122**



- ✓ 1 1/4 NPT Brass Screw Plug
- ✓ 120 and 240 V, 1-Phase
- ✓ General Purpose Models NEMA 1 (IP00) Rated and UL Listed
- ✓ Copper Sheath, Ideal for Clean Water Applications

The MT-1 Series immersion heater is ideally suited for clean water requirements. Models are available with a general purpose terminal enclosure<sup>1</sup> or a rugged moisture-resistant, explosion-resistant terminal enclosure.<sup>2</sup>

*Please Note: This immersion heater should be used with an approved temperature control device to assure safe operation. See Section P for our complete selection of process controllers.*

## SPECIFICATIONS

**Wattage:** 0.6 to 2 kW

**Power:**  
120 or 240 V, 1 phase

**Sheath:**  
0.8 cm (0.315") diameter copper

**Screw Plug:**  
1 1/4 NPT brass

**Watt Density:**  
43 to 86 W/in<sup>2</sup>

**Enclosure:**

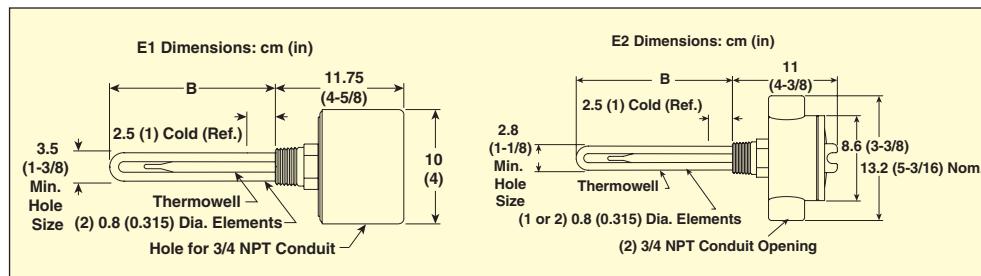
General purpose NEMA 1 (E1)  
or optional (E2) moisture-resistant/  
explosion-resistant enclosure.<sup>2</sup>



MT-1 Series General Purpose Enclosure<sup>1</sup>



MT-1 Series Explosion-Resistant/Moisture-Resistant Enclosure<sup>1</sup>



## 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.

## MOST POPULAR MODELS HIGHLIGHTED!

### To Order (Specify Model Number)

kW	Phase	W/in <sup>2</sup>	No. Htg. Elems.	Dim. B cm (in)	E1 General Purpose Encl. <sup>1</sup>			E2 Explos/Moist. Res. Encl. <sup>2</sup>		
					Model No.	Price	Wt. kg (lb)	Model No.	Price	Wt. kg (lb)
0.6	1	53	1	16 (6 1/2)	MT-160A/*	\$122	04 (1)	MT-160E2/*	\$317	18 (4)
0.75	1	65	1	16 (6 1/2)	MT-175A/*	135	04 (1)	MT-175E2/*	334	18 (4)
1	1	86	1	16 (6 1/2)	MT-110A/*	151	04 (1)	MT-110E2/*	349	18 (4)
1	1	43	2	16 (6 1/2)	MT-110-3A/*	182	0.9 (2)	MT-110-3E2/*	380	23 (5)
1.2	1	53	2	16 (6 1/2)	MT-112A/*	189	0.9 (2)	MT-112E2/*	389	23 (5)
1.5	1	65	2	16 (6 1/2)	MT-115A/*	199	0.9 (2)	MT-115E2/*	398	23 (5)
2	1	86	2	16 (6 1/2)	MT-120A/*	218	0.9 (2)	MT-120E2/*	419	23 (5)

\* Designate voltage: insert "120" for 120 V or "240" for 240 V. Higher wattages available—contact OMEGALUX®.

<sup>1</sup> Heaters with general purpose and moisture-resistant enclosures are UL listed and CSA certified.

<sup>2</sup> Heaters with explosion-resistant enclosures are CSA NRTL/C certified and are not intended for use in hazardous areas.

**Ordering Example:** MT-110A/120, 1 kW heater powered by 120 V with NEMA 1 general purpose enclosure, \$151. MT-112E2/240, 0.2 kW heater powered by 240 V with E2 moisture-resistant, explosion-resistant enclosure, \$389.



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

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

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://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