

SOLUTION WATER IMMERSION HEATER—2½ NPT FITTING AND 3-ELEMENT CONSTRUCTION

MTI-3 Series Starts at
\$725



- ✓ NEMA 1 (IP00) Rated, E1 General Purpose Enclosure or Moisture-Resistant/Explosion-Resistant Enclosure²
- ✓ Premium-Quality Stainless Steel Screw Plug
- ✓ 240 and 480V, 3-Phase
- ✓ 3 to 18 kW
- ✓ Incoloy Sheath Provides Excellent Corrosion Resistance for Solution Water Applications

The MTI-3 Series screw plug immersion heaters are designed for direct contact heating in solution water applications.

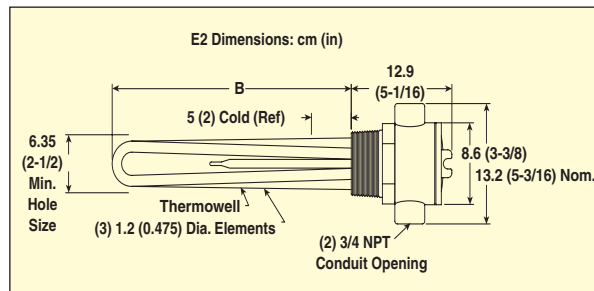
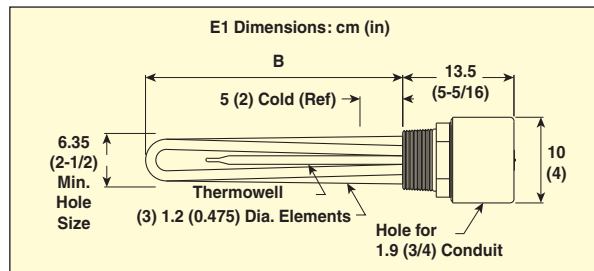
Please Note: This immersion heater should be used with an approved temperature control device to ensure safe operation. See Section P for our selection of process controllers.

MTI-330A/240, \$725, shown smaller than actual size.

SPECIFICATIONS

Wattage: 3 to 18 kW
Power: 240 or 480V, 3-phase
Watt Density: 46 to 53 W/in²
Sheath: 1.2 cm (0.475") diameter Incoloy
Screw Plug: 2½ NPT stainless steel
Enclosures: E1 general purpose NEMA 1 (IP00) rated or type E2 moisture-resistant/explosion-resistant enclosure.²

MTI-330E2/480, \$975, shown smaller than actual size.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)				E1 General Purpose Enclosure ¹		E2 Moisture-/Explosion-Resis. Encl. ²			
kW	W/in ²	No. Htg. Elem.	Dim. B cm (in)	Model No.	Price	Wt. kg (lb)	Model No.	Price	Wt. kg (lb)
3	51	3	17 (6⅞)	MTI-330A/*	\$725	2 (5)	MTI-330E2/*	\$975	3 (8)
4.5	48	3	28 (10⅞)	MTI-345A/*	800	3 (6)	MTI-345E2/*	1050	3 (9)
6	48	3	43 (17⅞)	MTI-360A/*	875	3 (6)	MTI-360E2/*	1100	3 (9)
7.5	53	3	49 (19⅞)	MTI-375A/*	925	3 (6)	MTI-375E2/*	1150	3 (9)
9	47	3	62 (24⅞)	MTI-390A/*	1000	3 (7)	MTI-390E2/*	1250	4 (10)
12	46	3	83 (32⅞)	MTI-3120A/*	1150	4 (9)	MTI-3120E2/*	1400	4 (12)
15	46	3	100 (39⅞)	MTI-3150A/*	1300	5 (10)	MTI-3150E2/*	1550	4 (13)
18	51	3	121 (47⅞)	MTI-3180A/*	1400	5 (12)	MTI-3180E2/*	1650	5 (15)

*Designate voltage: "240" for 240 Vac or "480" for 480 Vac.

¹Heaters with general purpose enclosures are UL listed and CSA certified.

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

Ordering Example: MTI-330A/480, 3 kW heater powered by 480 Vac, \$725.



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
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, 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, Wire

• 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

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, Strain Gages, 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