

CLEAN WATER IMMERSION HEATER WITH INTEGRAL THERMOSTAT

ARTM Series-1" NPT Fitting

- ✓ 1" Brass Screw Plug
- ✓ Copper Sheath for Clean Water Applications
- ✓ Integral Bulb and Capillary Thermostat—3 Temperature Ranges Available
- ✓ UL Listed with General Purpose NEMA-1 Rated Enclosure

ARTM Series screw plug immersion heaters are designed for direct contact heating in clean water applications.

Please Note: The integral thermostat functions as a temperature control only, this not a fail safe device. An approved pressure or temperature control should be used with these heaters to assure safe operation. See section P for our full selection of control devices.

SPECIFICATIONS

Wattage: 0.75 to 3 kW

Power: 120 or 240 Vac, 1 phase

Sheath: 0.800 cm (0.315") dia. copper

Screw Plug: 1" NPT brass

Thermostat: bulb and capillary type, 3 temperature ranges available; 60 to 187°F, 60 to 240°F, or 0 to 127°F

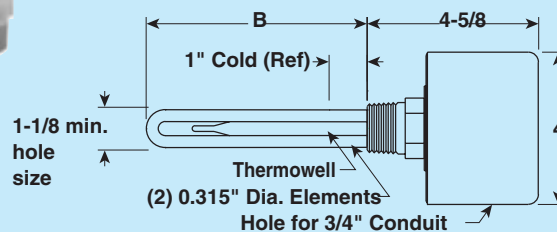
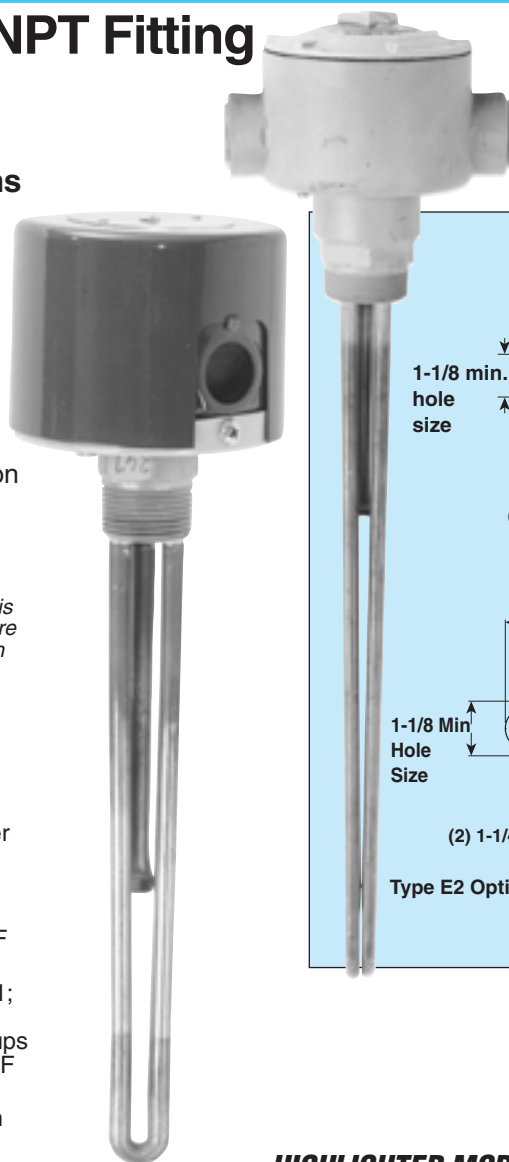
Watt Density: 64-68 W/in²

Enclosure: General purpose NEMA-1; optional moisture tight/explosion resistant enclosure meets Class I, groups C & D, Div. 1 & 2, Class II, Groups E, F & G, Div. 1&2, Class III, Div. 1 & 2

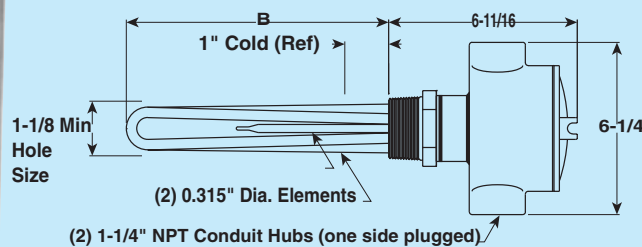
Third Party Approvals: UL listed with general purpose enclosures



(Explosion resistant enclosure - not intended for use in hazardous areas)



General Purpose Terminal Enclosure--E1



Type E2 Optional Moisture Tight/Explosion Resistant Enclosure

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.

HIGHLIGHTED MODELS STOCKED FOR FAST DELIVERY!

To Order (Specify Model Number)

kW	Phase	W/in ²	No. Htg. Elem.	Dim.B cm (")	Temp.Range (60 to 187°F)		Temp.Range (60 to 240°F)		Temp.Range (0 to 127°F)		Wt. kg (lb)
					Model No.	Price	Model No.	Price	Model No.	Price	
.75	1	64	1	16 (6 ⁵ / ₁₆)	†ARTM-750/*	\$167	†ARTM-750TH/*	\$167	†ARTM-750TL/*	\$167	1 (2.25)
1.0	1	85	1	16 (6 ⁵ / ₁₆)	†ARTM-1000/*	173	†ARTM-1000TH	173	†ARTM-1000TL/*	173	1 (2.25)
1.25	1	83	1	21 (8 ¹ / ₁₆)	†ARTM-1250/*	175	†ARTM-1250TH/*	175	†ARTM-1250TL/*	175	1 (2.50)
1.5	1	86	1	24 (9 ¹ / ₄)	†ARTM-1500/*	177	†ARTM-1500TH/*	177	†ARTM-1500TL/*	177	1 (2.50)
2.0	1	83	1	31 (12 ¹ / ₄)	ARTM-2000/*	203	ARTM-2000TH/*	203	ARTM-2000TL/*	203	1 (2.75)
2.5	1	79	1	41 (16 ¹ / ₄)	ARTM-2500/*	208	ARTM-2500TH/*	208	ARTM-2500TL/*	208	1 (3.00)
3.0	1	78	1	50 (19 ⁷ / ₈)	ARTM-3000/240	223	ARTM-3000TH/240	223	ARTM-3000TL/240	223	1 (3.25)

† U.L. Listed

/* Designate voltage, insert 120 for 120 Vac or 240 for 240 Vac. Those model numbers already containing /240 are only available in that voltage. To order with the optional E2 enclosure, insert "E2" into the model number as shown, ARTM-750E2/240, add \$394 to base price.

Ordering Example: Model ARTM-1250E2TH240 is a 1.25kW heater with thermostat range 60 to 240°F powered by 240 Vac with moisture tight explosion resistant enclosure, \$175 + 394 = \$569 (Not intended for use in hazardous areas). **Note:** add 1 kg (3 lb) to weight listed if ordered with E2 enclosure.

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

Deckenpfronn, 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