

CLEAN WATER IMMERSION HEATER WITH INTEGRAL THERMOSTAT

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.

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

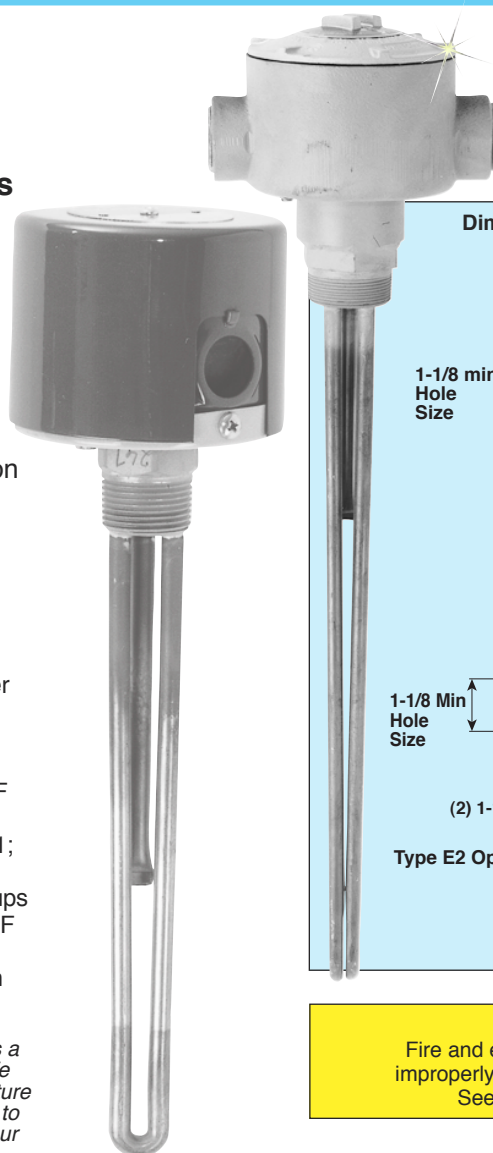
Thermostat: bulb and capillary type, 3 temperature ranges available; 60 to 187°F, 60 to 240°F, or 0 to 127°F

Watt Density: 64-78 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

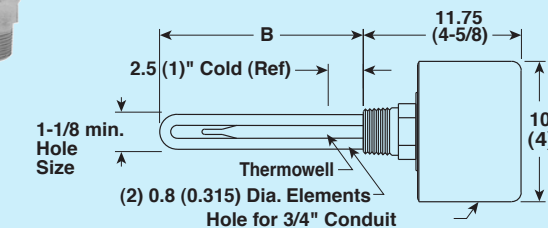
Note: The integral thermostat functions as a temperature control only. this not a fail safe device. An approved pressure or temperature control should be used with these heaters to assure safe operation. See section P for our full selection of control devices.



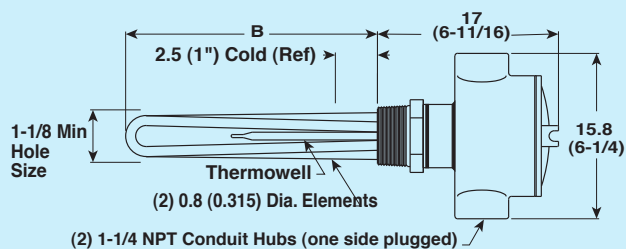
ARTM Series Starts at



Dimensions: cm (in)



General Purpose Terminal Enclosure--E1



Type E2 Optional Moisture Tight/Explosion Resistant Enclosure

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

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 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.		Model No.		Model No.		
0.75	1	64	1	16 (6 ⁵ / ₁₆)	†ARTM-750/*		†ARTM-750TH/*		†ARTM-750TL/*		1 (2.25)
1.0	1	85	1	16 (6 ⁵ / ₁₆)	†ARTM-1000/*		†ARTM-1000TH		†ARTM-1000TL/*		1 (2.25)
1.25	1	83	1	21 (8 ¹ / ₁₆)	†ARTM-1250/*		†ARTM-1250TH/*		†ARTM-1250TL/*		1 (2.50)
1.5	1	86	1	24 (9 ¹ / ₄)	†ARTM-1500/*		†ARTM-1500TH/*		†ARTM-1500TL/*		1 (2.50)
2.0	1	83	1	31 (12 ¹ / ₄)	ARTM-2000/*		ARTM-2000TH/*		ARTM-2000TL/*		1 (2.75)
2.5	1	79	1	41 (16 ¹ / ₄)	ARTM-2500/*		ARTM-2500TH/*		ARTM-2500TL/*		1 (3.00)
3.0	1	78	1	50 (19 ⁷ / ₁₆)	ARTM-3000/240		ARTM-3000TH/240		ARTM-3000TL/240		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 to base price.

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



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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

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• 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