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 is 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.

**To Order (Specify Model Number)**

<table>
<thead>
<tr>
<th>kW</th>
<th>Phase</th>
<th>Htg. Elem.</th>
<th>Dim.B cm (&quot;)</th>
<th>Temp.Range (60 to 187°F)</th>
<th>Temp.Range (60 to 240°F)</th>
<th>Temp.Range (0 to 127°F)</th>
<th>Price</th>
<th>Price</th>
<th>Price</th>
<th>Wt. kg (lb)</th>
</tr>
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<tbody>
<tr>
<td>0.75</td>
<td>1</td>
<td>64</td>
<td>16 (6½)</td>
<td>ARTM-750*</td>
<td>ARTM-750TH/*</td>
<td>ARTM-750TL/*</td>
<td>$205</td>
<td>$205</td>
<td>$205</td>
<td>1 (2.25)</td>
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<tr>
<td>1.0</td>
<td>1</td>
<td>85</td>
<td>16 (6½)</td>
<td>ARTM-1000*</td>
<td>ARTM-1000TH</td>
<td>ARTM-1000TL</td>
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<td>215</td>
<td>215</td>
<td>1 (2.25)</td>
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<tr>
<td>1.25</td>
<td>1</td>
<td>83</td>
<td>21 (8¼)</td>
<td>ARTM-1250*</td>
<td>ARTM-1250TH*</td>
<td>ARTM-1250TL*</td>
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<td>225</td>
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<td>1 (2.50)</td>
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<tr>
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<td>1</td>
<td>86</td>
<td>24 (9½)</td>
<td>ARTM-1500*</td>
<td>ARTM-1500TH*</td>
<td>ARTM-1500TL*</td>
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<tr>
<td>2.0</td>
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<td>31 (12½)</td>
<td>ARTM-2000*</td>
<td>ARTM-2000TH*</td>
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<tr>
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<td>1</td>
<td>79</td>
<td>41 (16¼)</td>
<td>ARTM-2500*</td>
<td>ARTM-2500TH*</td>
<td>ARTM-2500TL*</td>
<td>270</td>
<td>270</td>
<td>270</td>
<td>1 (3.00)</td>
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</table>

* 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 $430 to base price.

Ordering Example: ARTM-1250E2/TH240 is a 1.25kW heater with thermostat range 60 to 240°F powered by 240 Vac with moisture tight explosion resistant enclosure, $225 + 460 = $685 (Not intended for use in hazardous areas). **Note:** add 1 kg (3 lb) to weight listed if ordered with E2 enclosure.
More than 100,000 Products Available!

- **Temperature**

- **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**

- **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**