

# CLEAN WATER IMMERSION HEATER WITH INTEGRAL THERMOSTAT

## 1 NPT Fitting

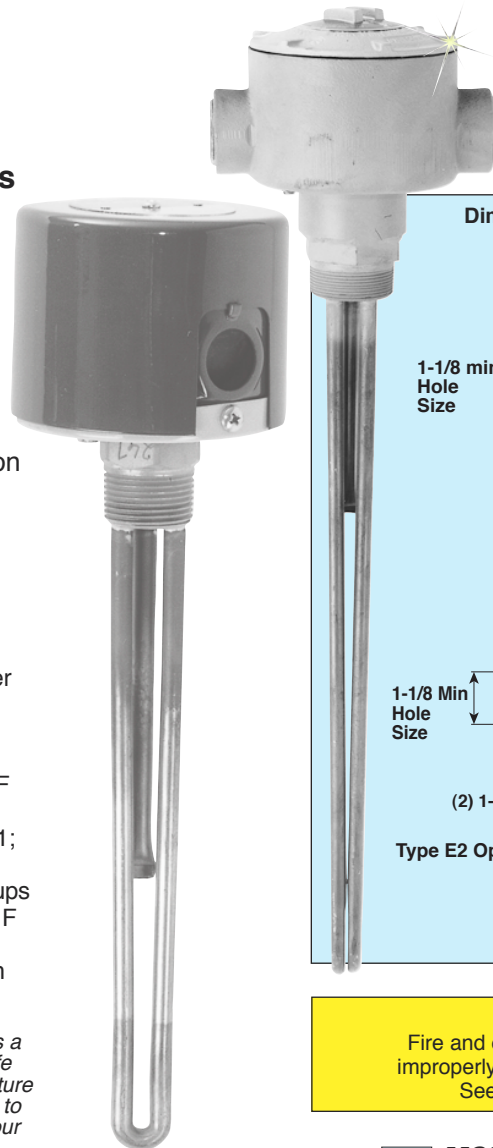
- ✓ 1" Brass Screw Plug
- ✓ Copper Sheath for Clean Water Applications
- ✓ Integral Bulb and Capillary Thermostat—3 Temperature Ranges Available
- ✓ UL Listed with General Purpose NEMA-1 Rated Enclosure

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/in<sup>2</sup>  
**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

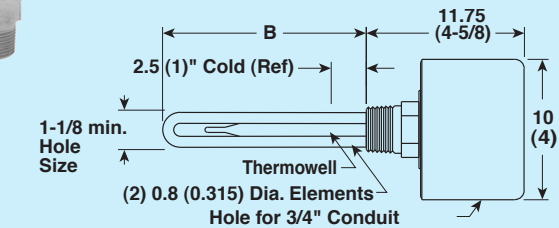
**Note:** The integral thermostat functions as a temperature control only. this not a fail safe device. An approved pressure or temperature control should be used with these heaters to assure safe operation. See section P for our full selection of control devices.



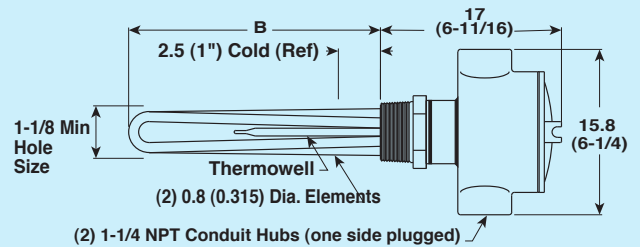
ARTM Series Starts at



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 <sup>2</sup>	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 (5/8)	†ARTM-750/*		†ARTM-750TH/*		†ARTM-750TL/*		1 (2.25)
1.0	1	85	1	16 (5/8)	†ARTM-1000/*		†ARTM-1000TH		†ARTM-1000TL/*		1 (2.25)
1.25	1	83	1	21 (8 1/8)	†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 7/8)	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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