

# LIGHTWEIGHT OIL IMMERSION HEATER

## With Integral Thermostat—2 NPT Steel Fitting

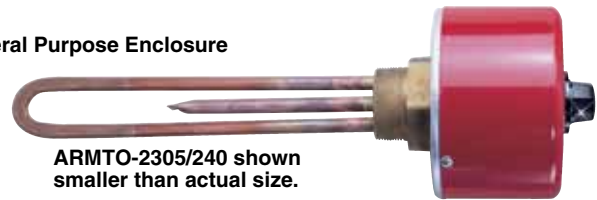
ARMT0-2 Series



- ✓ Built-In Thermostat—Three Temperature Ranges Available
- ✓ 1.5 to 6 kW
- ✓ 120, 208, 240 or 480V, 1 Phase
- ✓ Rugged, 2 Element Design
- ✓ Premium Grade Steel Sheath
- ✓ Lower Watt Densities for Heating Lightweight Oils

**Note:** The integral thermostat functions as a temperature control only. This is not a fail safe device. An approved pressure and/or temperature limit control should be used with these heaters to assure safe operation. Visit OMEGA section for our selection of control devices.

E1-General Purpose Enclosure

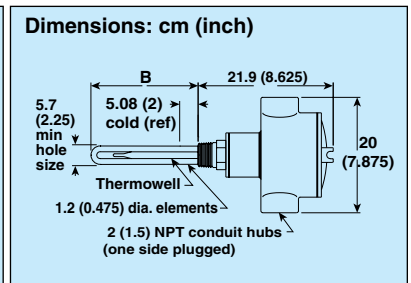
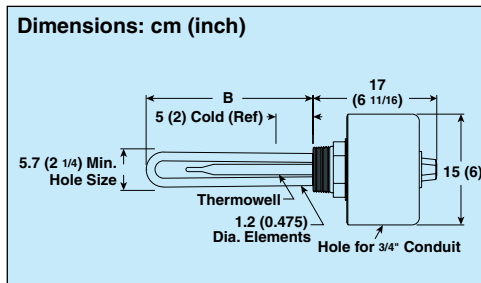


ARMT0-2305/240 shown smaller than actual size.

E2-Moisture Resistant/Explosion Resistant Enclosure



ARMT0-2305E2/240 shown smaller than actual size.



To Order							
kW	Htg. W/in <sup>2</sup>	Dim. B Elem.	No. cm (in)	Temp Range 200 to 550°F†	Temp Range 60 to 250°F	Temp Range 0 to 100°F	Wt. lb (kg)
				Model No.	Model No.	Model No.	
<b>General Purpose Enclosure</b>							
1.5	24	2	30 (11 <sup>3</sup> / <sub>4</sub> )	ARMT0-2155/*	ARMT0-2155T2/*	ARMT0-2155T1/*	6 (3)
2	24	2	45 (17 <sup>3</sup> / <sub>4</sub> )	ARMT0-2205/*	ARMT0-2205T2/*	ARMT0-2205T1/*	7 (3)
2.5	26	2	50 (19 <sup>5</sup> / <sub>8</sub> )	ARMT0-2255/*	ARMT0-2255T2/*	ARMT0-2255T1/*	8 (4)
3	23	2	63 (24 <sup>7</sup> / <sub>8</sub> )	ARMT0-2305/*	ARMT0-2305T2/*	ARMT0-2305T1/*	8 (1)
4	23	2	83 (32 <sup>3</sup> / <sub>4</sub> )	ARMT0-2405/*	ARMT0-2405T2/*	ARMT0-2405T1/*	9 (4)
5	23	2	102 (40 <sup>1</sup> / <sub>4</sub> )	ARMT0-2505/*	ARMT0-2505T2/*	ARMT0-2505T1/*	9 (4)
6	23	2	121 (47 <sup>3</sup> / <sub>4</sub> )	ARMT0-2605/**	ARMT0-2605T2/**	ARMT0-2605T1/**	10 (5)
<b>Moisture Resistant/Explosion Resistant Enclosure</b>							
1.5	24	2	30 (11 <sup>3</sup> / <sub>4</sub> )	ARMT0-2155E2/*	ARMT0-2155E2T2/*	ARMT0-2155E2T1/*	12 (5)
2	24	2	45 (17 <sup>3</sup> / <sub>4</sub> )	ARMT0-2205E2/*	ARMT0-2205E2T2/*	ARMT0-2205E2T1/*	12 (5)
2.5	26	2	50 (19 <sup>5</sup> / <sub>8</sub> )	ARMT0-2255E2/*	ARMT0-2255E2T2/*	ARMT0-2255E2T1/*	13 (6)
3	23	2	63 (24 <sup>7</sup> / <sub>8</sub> )	ARMT0-2305E2/*	ARMT0-2305E2T2/*	ARMT0-2305E2T1/*	13 (6)
4	23	2	83 (32 <sup>3</sup> / <sub>4</sub> )	ARMT0-2405E2/*	ARMT0-2405E2T2/*	ARMT0-2405E2T1/*	14 (6)
5	23	2	102 (40 <sup>1</sup> / <sub>4</sub> )	ARMT0-2505E2/*	ARMT0-2505E2T2/*	ARMT0-2505E2T1/*	14 (6)
6	23	2	121 (47 <sup>3</sup> / <sub>4</sub> )	ARMT0-2605E2/**	ARMT0-2605E2T2/**	ARMT0-2605E2T1/**	15 (7)

/\* Designate voltage, i.e., insert "120" for 120 Vac, "208" for 208 Vac, "240" for 240 Vac, or "480" for 480 Vac.

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† Heaters with temperature ranges 200 to 550°F are not UL listed.

**Caution:** Explosion resistant type E2 construction refers to heater design features which provide explosion resisting containment of electrical wiring according to National Electric Code. Abnormal application or use of heaters which results in excessive temperatures can create hazardous conditions which can lead to fire.

Consult OMEGA for data on allowable watt densities for more viscous materials.

**Ordering Examples:** ARMT0-2155/208, 1.5 kW heater with thermostat range of 200 to 550°F, powered by 208 Vac.

ARMT0-2305E2/240, 3 kW heater with thermostat range of 200 to 550°F, powered by 240 Vac.