

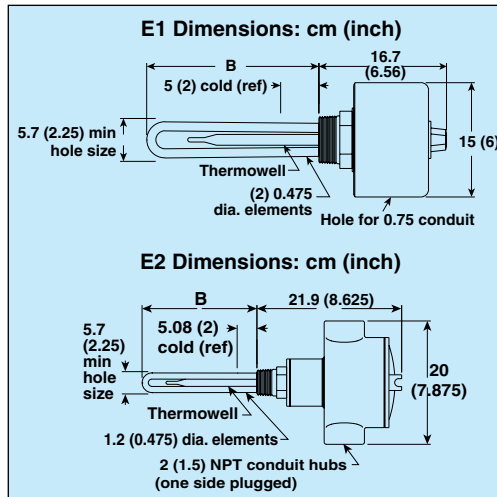
MEDIUM WEIGHT OIL IMMERSION HEATER

With Integral Thermostat—2 NPT Fitting



ARMTO-2 Series

- ✓ Steel Sheath and Low Watt Density for Heating Medium Weight Oils
- ✓ Integral Thermostat Three Temperature Ranges Available
- ✓ 2 to 6 kW
- ✓ 208, 240 or 480V; 1 Phase
- ✓ 2 Element Construction with 2 NPT Steel Fitting



ARMTO-2020/240 shown smaller than actual size.

ARMTO-2020E2T1/240 shown smaller than actual size.

APPLICATIONS

Heating medium viscosity oil— Suitable for heating medium bodied oils such as industrial gear oils or numbers 4 and 5 residual fuel oils. Heating provides low ambient temperature protection, ensuring that oil remains fluid to lubricate effectively and reduce load on gear motor drives.

SPECIFICATIONS

Wattage: 2 to 6 kW
Power: 240, or 480V; 1 phase
Watt Density: 15 W/in²
Sheath: 0.475" diameter steel
Screw Plug: 2 NPT steel
Enclosure: General purpose¹, NEMA-1 rated, or E2 moisture resistant/explosion resistant enclosure²; see caution below

*Note: This 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 **TRODEX** for our selection of controllers.*

To Order

kW	W/in ²	Elem.	No. Dim. B cm (in)	T3 Temp Range (200 to 550°F) Model No.	T2 Temp Range (60 to 250°F) Model No.	T1 Temp Range (0 to 100°F) Model No.	Htg. Wt. lb (kg)
ARMTO-2 Series with General Purpose Enclosure¹							
2	15	2	16 (24 ⁷ / ₈)	ARMTO-2020/*	ARMTO-2020T2/*	ARMTO-2020T1/*	4 (8)
2.66	15	2	16 (32 ³ / ₄)	ARMTO-2026/*	ARMTO-2026T2/*	ARMTO-2026T1/*	4 (9)
3.33	15	2	20 (40 ¹ / ₄)	ARMTO-2033/*	ARMTO-2033T2/*	ARMTO-2033T1/*	4 (9)
4	15	2	23 (47 ³ / ₄)	ARMTO-2040/**	ARMTO-2040T2/**	ARMTO-2040T1/**	5 (10)
5	15	2	31 (57 ¹ / ₂)	ARMTO-2050/*	ARMTO-2050T2/*	ARMTO-2050T1/*	5 (11)
6	15	2	41 (67 ³ / ₄)	ARMTO-2060/*	ARMTO-2060T2/*	ARMTO-2060T1/*	5 (12)
ARMTO-2 Series with Moisture Tight/Explosion Resistant Enclosure^{2†}							
0.2	15	2	16 (24 ⁷ / ₈)	ARMTO-2020E2/*	ARMTO-2020E2T2/*	ARMTO-2020E2T1/*	6 (13)
2.66	15	2	16 (32 ³ / ₄)	ARMTO-2026E2/*	ARMTO-2026E2T2/*	ARMTO-2026E2T1/*	6 (14)
3.33	15	2	20 (40 ¹ / ₄)	ARMTO-2033E2/*	ARMTO-2033E2T2/*	ARMTO-2033E2T1/*	6 (14)
4	15	2	23 (47 ³ / ₄)	ARMTO-2040E2/**	ARMTO-2040E2T2/**	ARMTO-2040E2T1/**	7 (15)
5	15	2	31 (57 ¹ / ₂)	ARMTO-2050E2/*	ARMTO-2050E2T2/*	ARMTO-2050E2T1/*	7 (16)
6	15	2	31 (67 ³ / ₄)	ARMTO-2060E2/*	ARMTO-2060E2T2/*	ARMTO-2060E2T1/*	8 (17)

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

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

¹ Heaters with general purpose enclosures are UL Listed with T1 or T2 temps and CSA certified with T1, T2 or T3 temps.

² Heaters with moisture resistant/explosion resistant enclosures are CSA NRTL/C certified with T1, T2 or T3 temps.

Ordering Examples: ARMTO-2020/240, 2 kW heater with thermostat range of 200 to 550°F, powered by 240 Vac.

ARMTO-2020E2/120V, 0.2 kW heater with thermostat range of 200 to 550°F, powered by 120 Vac.

† **Caution:** Explosion resistant type E2 construction refers to heater design features which provide explosion resisting containment of electrical