

MEDIUM-WEIGHT-OIL IMMERSION HEATER

MTO-3 Series
Starts at

\$600



NRTL/C

- ✓ 3-Element Design
- ✓ 240 and 480V, 3-Phase
- ✓ 3 to 9 kW
- ✓ Rugged Steel Sheath
- ✓ Low Watt Density for Heating Medium-Weight Oils
- ✓ 2½ NPT Steel Fitting
- ✓ General Purpose NEMA 1 (IP00) or Moisture-Resistant/Explosion-Resistant Terminal Enclosure

SPECIFICATIONS

Wattage: 3 to 9 kW

Power: 240 and 480V, 3-phase

Watt Density: 15 W/in²

Sheath: 1 cm (0.475") diameter steel

Screw Plug: 2½ NPT steel

Enclosure: General purpose, NEMA 1 (IP00) rated, or E2 moisture-resistant/explosion-resistant enclosure.[†]

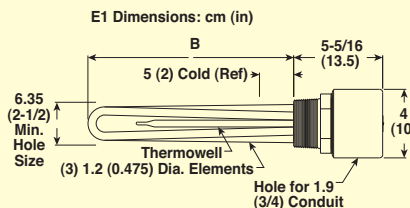


MTO-303/240, \$600, shown smaller than actual size.

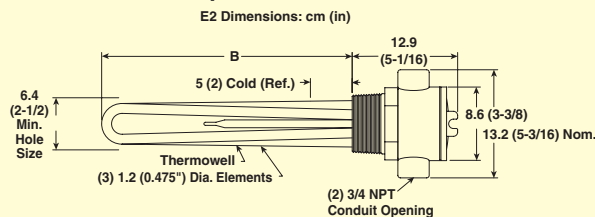


MTO-306/480, \$850, shown smaller than actual size.

General Purpose Enclosure¹



Moisture-Resistant/Explosion-Resistant Terminal Enclosure²



Note: This immersion heater should be used with an approved temperature control device to ensure safe operation. See the Temperature Section for our selection of process controllers.

**MOST POPULAR
MODELS HIGHLIGHTED!**

To Order (Specify Model Number)

kW	Phase	W/in ²	Htg. Elem.	Dim. B cm (in)	E1 General Purpose Enclosure ¹			E2 Explos/Moist-Resis. Encl. ^{2†}		
					Model No.	Price	Wt. kg (lb)	Model No.	Price	Wt. kg (lb)
3	3	15	3	62 (24¾)	MTO-303/*	\$600	3 (6)	MTO-303E2/*	\$825	3 (9)
4	3	15	3	82 (32¼)	MTO-304/*	675	4 (9)	MTO-304E2/*	925	5 (12)
5	3	15	3	101 (39¾)	MTO-305/*	750	4.5 (10)	MTO-305E2/*	1000	5 (13)
6	3	15	3	120 (47¼)	MTO-306/*	850	5 (11)	MTO-306E2/*	1100	5 (14)
7.5	3	15	3	145 (57)	MTO-307/*	975	6 (14)	MTO-307E2/*	1250	5 (17)
9	3	15	3	171 (67¼)	MTO-309/*	1100	7 (15)	MTO-309E2/*	1350	5 (18)

* Designate voltage: "240" for 240 Vac, "480" for 480 Vac.

† **Caution:** Explosion-resistant Type E2 construction refers to heater design features that provide explosion-resistant containment of electrical wiring according to National Electric Code. Use of heaters at excessive temperatures can create hazardous conditions that can lead to fire. consult Section Z for data on allowable watt densities for more viscous materials.

¹ Heaters with general purpose enclosures are UL listed and CSA certified.

² Heaters with moisture-resistant/explosion-resistant enclosures are CSA NRTL/C certified.

Ordering Examples: MTO-303/240, 3 kW, 240 Vac heater, \$600.

MTO-309E2, 9 kW, 240 Vac heater with E2 explosive/moisture-resistive enclosure, \$1350.