

MEDIUM-WEIGHT-OIL IMMERSION HEATER

MTO-3 Series
Starts at
\$575



NRTL/C

- ✓ 3-Element Design
- ✓ 240 and 480 V, 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 480 V, 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.[†]

Please 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.



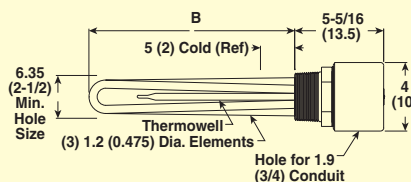
MTO-303/240, \$575, shown smaller than actual size.



MTO-306/480, \$1108, shown smaller than actual size.

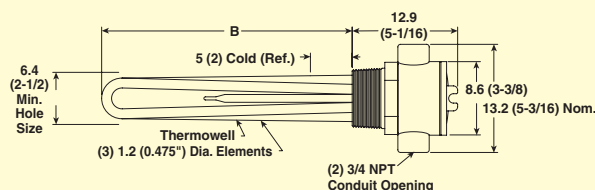
General Purpose Enclosure¹

E-1 Dimensions: cm (in)



Moisture-Resistant/Explosion-Resistant Terminal Enclosure²

E-2 Dimensions: cm (in)



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

kW	Phase	W/in ²	Htg. Elem.	No. Dim.B cm (in)	E1 General Purpose Enclosure ¹			E-2 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/*	\$575	3 (6)	MTO-303E2/*	\$769	3 (9)
4	3	15	3	82 (32¼)	MTO-304/*	700	4 (9)	MTO-304E2/*	884	5 (12)
5	3	15	3	101 (39¾)	MTO-305/*	817	4.5 (10)	MTO-305E2/*	1005	5 (13)
6	3	15	3	120 (47¼)	MTO-306/*	915	5 (11)	MTO-306E2/*	1108	5 (14)
7.5	3	15	3	145 (57)	MTO-307/*	1044	6 (14)	MTO-307E2/*	1225	5 (17)
9	3	15	3	171 (67¼)	MTO-309/*	1177	7 (15)	MTO-309E2/*	1363	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 Example: MTO-303/240, 3 kW, 240 Vac heater, \$575.

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