

LIGHTWEIGHT OIL IMMERSION HEATER

With 2 Element Design—2 NPT Steel Screw Plug

MTO-2 Series
Starts at

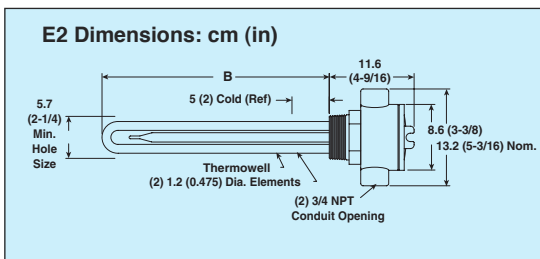
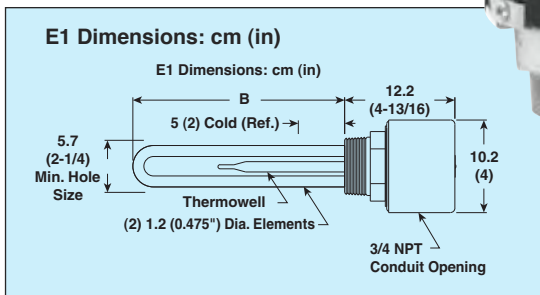


- ✓ Rugged Steel Sheath for Use with Lightweight Oils
- ✓ 1.5 to 6 kW
- ✓ 120, 208, 240 or 480V; 1 Phase
- ✓ General Purpose¹ NEMA-1 Rated and UL Listed Enclosure or Moisture Resistant/² Explosion Enclosure²

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

SPECIFICATIONS

Wattage: 1.5 to 6 kW
Power: 120, 208, 240 or 480V; 1 phase
Watt Density: 23 to 26 W/in²
Sheath: 1.2 cm (0.475") diameter
Screw Plug: 2 NPT steel
Enclosure: E1 general purpose¹, NEMA-1 rated, or type E2 moisture resistant/explosion resistant enclosure.²



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	W/in ²	No. Htg. Elem.	Dim. B cm (in)	E1 General Purpose Enclosure ¹		Wt. kg (lb)	E2 Explos. /Moist Res. Encl. ²		Wt. kg (lb)
				Model No.			Model No.		
1.5	24	2	30 (11¾)	MTO-215A/*		1 (3)	MTO-215E2/*		3 (6)
2	24	2	45 (17¾)	MTO-220A/*		2 (4)	MTO-220E2/*		3 (7)
2.5	26	2	9 (19⅞)	MTO-225A/*		2 (4)	MTO-225E2/*		3 (7)
3	23	2	63 (24⅞)	MTO-230A/*		2 (4)	MTO-230E2/*		3 (7)
4	23	2	83 (32¾)	MTO-240A/*		3 (6)	MTO-240E2/*		4 (8)
5	23	2	102 (40 ¼)	MTO-250A/*		3 (7)	MTO-250E2/*		4 (8)

/*Designate voltage, i.e., insert "120" for 120 Vac, "208" for 208 Vac, "240" for 240 Vac, or "480" for 480 Vac.
 // * Designate voltage, ie., insert "208" for 208 Vac, "240" for 240 Vac, or "480" for 480 Vac.
¹ Heaters with General Purpose Enclosures are UL recognized and CSA Certified.
² Heaters with Moisture Resistant/Explosion Resistant Enclosures are CSA NRTL/C Certified.

Ordering Example: MTO-215A/240, 1.5 kW heater powered by 240 Vac,

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 in excessive temperatures can create hazardous conditions which can lead to fire



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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters