

LIGHTWEIGHT OIL IMMERSION HEATER

With 3 Element Construction – 2½ NPT Steel Fitting

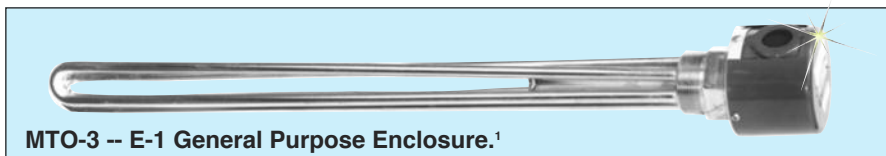
MTO-3 Series
Starts at

\$525

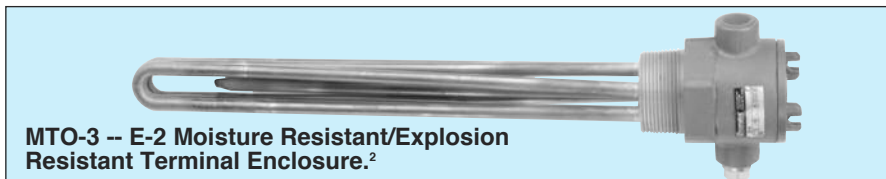


NRTL/C

- ✓ 3 to 9 kW
- ✓ 120, 208, 240 or 480V, 1 & 3 Phase
- ✓ General Purpose NEMA-1 Rated and UL Listed Enclosure¹ or Moisture Resistant/Explosion Resistant Enclosure²



MTO-3 -- E-1 General Purpose Enclosure.¹



MTO-3 -- E-2 Moisture Resistant/Explosion Resistant Terminal Enclosure.²

SPECIFICATIONS

Wattage: 3 to 9 kW
Power: 120, 208 or 240 or 480V, 1 & 3 Phase
Watt Density: 23-26 W/in²
Sheath: 0.475" diameter

Screw Plug: 2½ NPT steel
Enclosure: E1 General Purpose¹, NEMA-1 rated, and UL listed, or E2 moisture resistant/explosion resistant enclosure²

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

kW	Volts	W/in ²	No. Htg. Elem.	Element in (cm)	E-1 General Purpose Enclosure ¹			E-2 Moisture Res/Explos. Res.† ²		
					Model No.	Price	Wt. lb (kg)	Model No.	Price	Wt. lb(kg)
3	120	24	3	17¼ (44)	MTO-330A/120	\$525	6 (3)	MTO-330E2/120	\$775	9 (4)
3	208	24	3	17¼ (44)	MTO-330A/208/*	525	6 (3)	MTO-330E2/208/*	725	9 (4)
3	240	24	3	17¼ (44)	MTO-330A/240/*	525	6 (3)	MTO-330E2/240/*	725	9 (4)
3	480	24	3	17¼ (44)	MTO-330A/480/*	525	6 (3)	MTO-330E2/480/*	725	9 (4)
3.75	120	26	3	19⅞ (48)	MTO-337A/120	550	6 (3)	MTO-337E2/120	800	9 (4)
3.75	208	26	3	19⅞ (48)	MTO-337A/208/*	550	6 (3)	MTO-337E2/208/*	800	9 (4)
3.75	240	26	3	19⅞ (48)	MTO-337A/240/*	550	6 (3)	MTO-337E2/240/*	800	9 (4)
3.75	480	26	3	19⅞ (48)	MTO-337A/480/*	550	6 (3)	MTO-337E2/480/*	800	9 (4)
4.5	120	24	3	24¾ (62)	MTO-345A/120	625	6 (3)	MTO-345E2/120	875	9 (4)
4.5	208	24	3	24¾ (62)	MTO-345A/208/*	625	6 (3)	MTO-345E2/208/*	875	9 (4)
4.5	240	24	3	24¾ (62)	MTO-345A/240/*	625	6 (3)	MTO-345E2/240/*	875	9 (4)
4.5	480	24	3	24¾ (62)	MTO-345A/480/*	625	6 (3)	MTO-345E2/480/*	875	9 (4)
6	120	23	3	32¼ (82)	MTO-360A/120	725	9 (4)	MTO-360E2/120	975	12 (5)
6	208	23	3	32¼ (82)	MTO-360A/208/*	725	9 (4)	MTO-360E2/208/*	975	12 (5)
6	240	23	3	32¼ (82)	MTO-360A/240/*	725	9 (4)	MTO-360E2/240/*	975	12 (5)
6	480	23	3	32¼ (82)	MTO-360A/480/*	725	9 (4)	MTO-360E2/480/*	975	12 (5)
7.5	208	23	3	39¾ (101)	MTO-375A/208/*	825	10 (5)	MTO-375E2/208/*	1050	13 (6)
7.5	240	23	3	39¾ (101)	MTO-375A/240/*	825	10 (5)	MTO-375E2/240/*	1050	13 (6)
7.5	480	23	3	39¾ (101)	MTO-375A/480/*	825	10 (5)	MTO-375E2/480/*	1050	13 (6)
9	208	23	3	47¼ (120)	MTO-390A/208/*	925	11 (5)	MTO-390E2/208/*	1150	14 (6)
9	240	23	3	47¼ (120)	MTO-390A/240/*	925	11 (5)	MTO-390E2/240/*	1150	14 (6)
9	480	23	3	47¼ (120)	MTO-390A/480/*	925	11 (5)	MTO-390E2/480/*	1150	14 (6)

* Add the suffix "3P" to the model number for 3 phase power. Higher kW ratings are available. Contact OMEGALUX. Consult Section Z for data on allowable watt densities for more viscous materials.

†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 result in excessive temperatures can create hazardous conditions which can lead to fire. Not intended for use in hazardous areas. **Please Note:** This immersion heater should be used with an approved temperature control device to assure safe operation. See Section P for our selection of process controllers.

Ordering Example: MTO-330A/240 3 kW heater powered by 1 phase 240 Vac, \$525.

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.



UNITED STATES

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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

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• 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