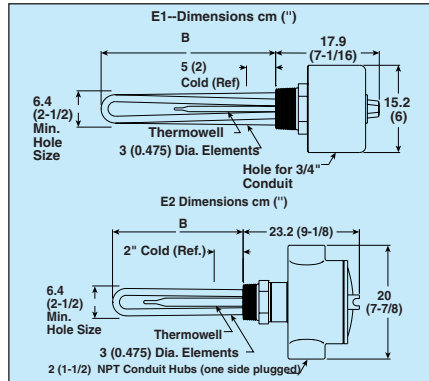


# LIGHTWEIGHT OIL IMMERSION HEATER

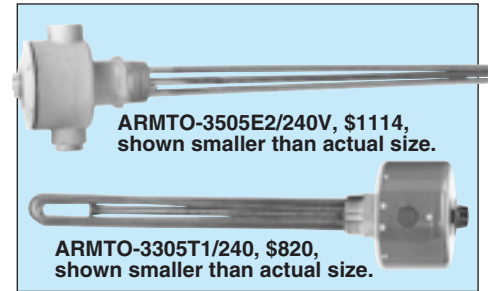
## With Integral Thermostat—2½" NPT Screw Plug ARMTO-3 Series



- Built in Thermostat—Three Temperature Ranges Available
- Steel Sheath and Lower Watt Density for Heating Lightweight Oils
- 208, 240 or 480 V  
1 & 3 Phase



<sup>1</sup>Heaters with T1 or T2 Temps are UL Listed.  
<sup>2</sup>Heaters with T1, T2 or T3 Temps are CSA Certified.  
<sup>3</sup>Heaters with Moisture Res./Explosion Res. Enclosures are CSA NRTL/C Certified.



ARMTO-3505E2/240V, \$1114, shown smaller than actual size.

ARMTO-3305T1/240, \$820, shown smaller than actual size.

### To Order (Specify Model Number)

kW	Volts	W/in <sup>2</sup>	No. Htg. Elem.	Dim B cm (")	T-3 Temp. Range (200-550°F)		T-2 Temp. Range (60-250°F)		T-1 Temp. Range (0-180°F)		Wt kg (lb)
					Model No.	Price	Model No.	Price	Model No.	Price	
<b>ARMTO-3 Series with General Purpose Enclosure<sup>1</sup></b>											
3	208	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305/208/*	\$820	ARMTO-3305T2/208/*	\$820	ARMTO-3305T1/208/*	\$820	4 (9)
3	240	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305/240/*	820	ARMTO-3305T2/240/*	820	ARMTO-3305T1/240/*	820	4 (9)
3	480	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305/480/*	820	ARMTO-3305T2/480/*	820	ARMTO-3305T1/480/*	820	4 (9)
3.75	208	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375/208/*	859	ARMTO-3375T2/208/*	859	ARMTO-3375T1/208/*	859	5 (10)
3.75	240	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375/240/*	859	ARMTO-3375T2/240/*	859	ARMTO-3375T1/240/*	859	5 (10)
3.75	480	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375/480/*	859	ARMTO-3375T2/480/*	859	ARMTO-3375T1/480/*	859	5 (10)
4.5	208	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455/208/*	900	ARMTO-3455T2/208/*	900	ARMTO-3455T1/208/*	900	5 (11)
4.5	240	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455/240/*	900	ARMTO-3455T2/240/*	900	ARMTO-3455T1/240/*	900	5 (11)
4.5	480	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455/480/*	900	ARMTO-3455T2/480/*	900	ARMTO-3455T1/480/*	900	5 (11)
6	208	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605/208/*	1014	ARMTO-3605T2/208/*	1014	ARMTO-3605T1/208/*	1014	5 (12)
6	240	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605/240/*	1014	ARMTO-3605T2/240/*	1014	ARMTO-3605T1/240/*	1014	5 (12)
6	480	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605/480/*	1014	ARMTO-3605T2/480/*	1014	ARMTO-3605T1/480/*	1014	5 (12)
7.5	208	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755/208/*	1132	ARMTO-3755T2/208/*	1132	ARMTO-3755T1/208/*	1132	6 (13)
7.5	240	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755/240/*	1132	ARMTO-3755T2/240/*	1132	ARMTO-3755T1/240/*	1132	6 (13)
7.5	480	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755/480/*	1132	ARMTO-3755T2/480/*	1132	ARMTO-3755T1/480/*	1132	6 (13)
9	208	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905/208/*	1224	ARMTO-3905T2/208/*	1224	ARMTO-3905T1/208/*	1224	6 (14)
9	240	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905/240/*	1224	ARMTO-3905T2/240/*	1224	ARMTO-3905T1/240/*	1224	6 (14)
9	480	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905/480/*	1224	ARMTO-3905T2/480/*	1224	ARMTO-3905T1/480/*	1224	6 (14)
<b>ARMTO-3 Series with E2 Moisture Resistant/Explosion Resistant Enclosure<sup>2</sup></b>											
3	208	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305E2/208/*	\$1114	ARMTO-3305E2T2/208/*	\$1114	ARMTO-3305E2T1/208/*	\$1114	6 (14)
3	240	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305E2/240/*	1114	ARMTO-3305E2T2/240/*	1114	ARMTO-3305E2T1/240/*	1114	6 (14)
3	480	24	3	44 (17 <sup>3</sup> / <sub>8</sub> )	ARMTO-3305E2/480/*	1114	ARMTO-3305E2T2/480/*	1114	ARMTO-3305E2T1/480/*	1114	6 (14)
3.75	208	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375E2/208/*	1152	ARMTO-3375E2T2/208/*	1152	ARMTO-3375E2T1/208/*	1152	7 (15)
3.75	240	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375E2/240/*	1152	ARMTO-3375E2T2/240/*	1152	ARMTO-3375E2T1/240/*	1152	7 (15)
3.75	480	26	3	49 (19 <sup>1</sup> / <sub>8</sub> )	ARMTO-3375E2/480/*	1152	ARMTO-3375E2T2/480/*	1152	ARMTO-3375E2T1/480/*	1152	7 (15)
4.5	208	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455E2/208/*	1200	ARMTO-3455E2T2/208/*	1200	ARMTO-3455E2T1/208/*	1200	7 (16)
4.5	240	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455E2/240/*	1200	ARMTO-3455E2T2/240/*	1200	ARMTO-3455E2T1/240/*	1200	7 (16)
4.5	480	24	3	62 (24 <sup>1</sup> / <sub>2</sub> )	ARMTO-3455E2/480/*	1200	ARMTO-3455E2T2/480/*	1200	ARMTO-3455E2T1/480/*	1200	7 (16)
6	208	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605E2/208/*	1315	ARMTO-3605E2T2/208/*	1315	ARMTO-3605E2T1/208/*	1315	8 (17)
6	240	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605E2/240/*	1315	ARMTO-3605E2T2/240/*	1315	ARMTO-3605E2T1/240/*	1315	8 (17)
6	480	23	3	82 (32 <sup>3</sup> / <sub>8</sub> )	ARMTO-3605E2/480/*	1315	ARMTO-3605E2T2/480/*	1315	ARMTO-3605E2T1/480/*	1315	8 (17)
7.5	208	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755E2/208/*	1428	ARMTO-3755E2T2/208/*	1428	ARMTO-3755E2T1/208/*	1428	9 (18)
7.5	240	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755E2/240/*	1428	ARMTO-3755E2T2/240/*	1428	ARMTO-3755E2T1/240/*	1428	9 (18)
7.5	480	23	3	101 (39 <sup>5</sup> / <sub>8</sub> )	ARMTO-3755E2/480/*	1428	ARMTO-3755E2T2/480/*	1428	ARMTO-3755E2T1/480/*	1428	9 (18)
9	208	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905E2/208/*	1523	ARMTO-3905E2T2/208/*	1523	ARMTO-3905E2T1/208/*	1523	9 (19)
9	240	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905E2/240/*	1523	ARMTO-3905E2T2/240/*	1523	ARMTO-3905E2T1/240/*	1523	9 (19)
9	480	23	3	120 (47 <sup>3</sup> / <sub>8</sub> )	ARMTO-3905E2/480/*	1523	ARMTO-3905E2T2/480/*	1523	ARMTO-3905E2T1/480/*	1523	9 (19)

\* Add the suffix "3P" to the model number for 3 phase power. Consult Section Z for data on allowable watt densities for 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.<sup>3</sup> Heaters with General Purpose Enclosures are UL Listed with T1 or T2 Temps and CSA Certified with T1, T2 or T3 Temps.<sup>2</sup> Heaters with Moisture Resistant/Explosion Resistant Enclosures are CSA NRTL/C Certified with T1, T2 or T3 Temps.

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • 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

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet 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, Pressure Transmitters, Strain Gauges, 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