MEDIUM & HEAVY WEIGHT OIL APPLICATIONS

**NWHMTOR Series**

- **2½ NPT Steel Screw Plug Design**
- **2½” Carbon Steel Pipe Body, 150 lb Construction**
- **1 to 9 kW**
- **120, 240 and 480V, 1 & 3 Phase**
- **General Purpose, Moisture Resistant/Explosion Resistant or Moisture Resistant Terminal Enclosure**
- **Three 0.475” Dia. Steel Sheath Low Watt Density Elements (15 W/in²)**
- **Integral Thermostat (60 to 250°F)**
- **UL, CSA and Other Third Party Approval, Listing or Certification Available**

**APPLICATIONS**
Medium and Heavy Weight Oil:
Low watt density elements reduce the risk of damaging highly viscous fluids.

**FEATURES**
Terminal Enclosure:
E1 General Purpose is standard.
E2 Moisture Resistant/Explosion Resistant or E4 Moisture Resistant Enclosures available.

Elements:
Three steel sheath elements.

Screw Plug: 2½ NPT Steel screw plug with ½” thermowell for thermostat bulb.

Vessel: Pipe body and nozzles are ASTM A53B carbon steel pipe. The end disk is ASTM A516 Grade 70 carbon steel plate. Provided with thermal insulation and painted sheet metal jacket.

Wiring: Convenient field wiring terminals are provided for easy installation.

Controls: Stock and assembly stock heaters come equipped with integral thermostat.

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To Order

**Ordering Example:**

NWHMTOR-03-005P-E1/240, 5 kW, 1 phase, 240V heater.

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**Dimensions: inches**

- **Integral Thermostat**
- **3/4” Conduit Opening**
- **1” Pipe Outlet**
- **2” Pipe Inlet**
- **9-1/4” Pipe Outlet**

**Note — Add 2” to A dimension for E2 Enclosure.**

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**To Order**

<table>
<thead>
<tr>
<th>kW</th>
<th>Volts</th>
<th>Ckt &amp; Phase</th>
<th>A (lb)</th>
<th>Model No.</th>
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<td>120</td>
<td>1-1 21½ 9%</td>
<td>10</td>
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<td>240</td>
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<td>240</td>
<td>1-1 57% 45½ 39½</td>
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<td>1-1 68% 56 50</td>
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<td>1-3 79% 67 61</td>
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**Model**

**Medium and Heavy Weight Oil**

**NWHMTO**

Oil Circulation Heater with Screw Plug
Low Watt Density Elements

**Code**

**Number of Elements**

- 03 Three

**Ordering Information**

To Order —
Complete the Model Number using the Matrix provided.

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**Code**

**Terminal Enclosure**

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<tr>
<th>Code</th>
<th>E1 General Purpose</th>
<th>E2 Moisture Resistant/Explosion Resistant</th>
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**NWHMTO 03 003P E1**

Typical Model Number

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G-18