

## NWHMTO

### Light & Medium Weight Oil Applications

- 2 - 1/2" NPT Steel Screw Plug Design
- 2 - 1/2" Carbon Steel Pipe Body, 150 Lb Construction
- 3 - 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 Elements (23 W/in<sup>2</sup>)
- Integral Thermostat (200 - 550°F)
- UL, CSA and Other Third Party Approval, Listing or Certification Available

### Applications

Light and Medium Weight Oil — Low-cost solution to heating lubricating and cutting oils in remote applications.

### Features

**Terminal Enclosure** — E1 General Purpose is standard. E2 Moisture Resistant/Explosion Resistant and E4 Moisture Resistant Enclosures available.

**Elements** — Three steel sheath elements.

**Screw Plug** — 2-1/2" NPT Steel screw plug with 1/2" thermowell for thermostat bulb.

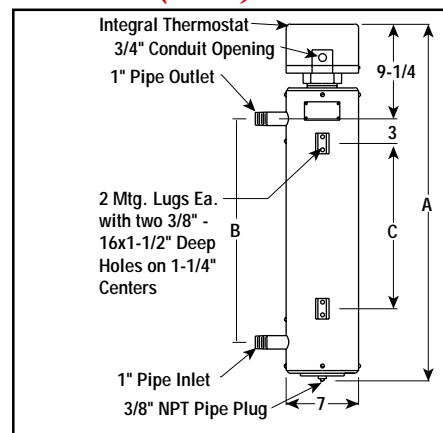
**Vessel** — Pipe body and nozzles are ASTM A53B carbon steel pipe. The end disk is ASTM A516 Grade 70 carbon steel plate. Provided with thermal insulation and painted sheet metal jacket.

**Wiring** — Convenient field wiring terminals are provided for easy installation.

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



### Dimensions (Inches)



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

### Specifications and Ordering Information

kW	Volts	Ckt & Phase	Dimensions (In.)			Model	Stock	PCN	Wt. (Lbs.)
			A	B	C				
3	240	1-1	34-3/4	22-1/2	16-1/2	NWHMTO-03-003P-E1	AS	094991	22
3	240	1-3	34-3/4	22-1/2	16-1/2	NWHMTO-03-003P-E1	AS	095003	22
3	480	1-1	34-3/4	22-1/2	16-1/2	NWHMTO-03-003P-E1	AS	095011	22
3	480	1-3	34-3/4	22-1/2	16-1/2	NWHMTO-03-003P-E1	AS	095020	22
4.5	240	1-1	34-3/4	22-1/2	16-1/2	NWHMTO-03-04P5-E1	AS	095038	22
4.5	240	1-3	34-3/4	22-1/2	16-1/2	NWHMTO-03-04P5-E1	AS	095046	22
4.5	480	1-1	34-3/4	22-1/2	16-1/2	NWHMTO-03-04P5-E1	AS	095054	22
4.5	480	1-3	34-3/4	22-1/2	16-1/2	NWHMTO-03-04P5-E1	AS	095062	22
6	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-006P-E1	AS	095070	40
6	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-006P-E1	AS	095089	40
6	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-006P-E1	AS	095097	40
6	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-006P-E1	AS	095100	40
7.5	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-07P5-E1	AS	095118	40
7.5	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-07P5-E1	AS	095126	40
7.5	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-07P5-E1	AS	095134	40
7.5	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-07P5-E1	AS	095142	40
9	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-009P-E1	AS	095150	40
9	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-009P-E1	AS	095169	40
9	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTO-03-009P-E1	AS	095177	40
9	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTO-03-009P-E1	AS	095185	40

**Stock Status:** S = stock AS = assembly stock NS = non-stock  
**To Order**—Specify model, volts, phase, kW, PCN and quantity.

### Ordering Information

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

Model	Light and Medium Weight Oil			
NWHMTO	Oil Circulation Heater with Screw Plug			
Code	Number of Elements			
03	Three			
Code	kW			
003P	3	07P5	7.5	
04P5	4.5	009P	9	
006P	6			
Code	Terminal Enclosure			
E1	General Purpose			
E2	Moisture Resistant/Explosion Resistant			
E4	Moisture Resistant			
NWHMTO 03	003P	E1	Typical Model Number	