

# NWHMTOR

## Medium & Heavy Weight Oil Applications

- 2 - 1/2" NPT Steel Screw Plug Design
- 2 - 1/2" Carbon Steel Pipe Body, 150 Lb Construction
- 1 - 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/In<sup>2</sup>)
- Integral Thermostat (60 - 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** — 2-1/2" NPT Steel screw plug with 1/2" thermowell for thermostat bulb.

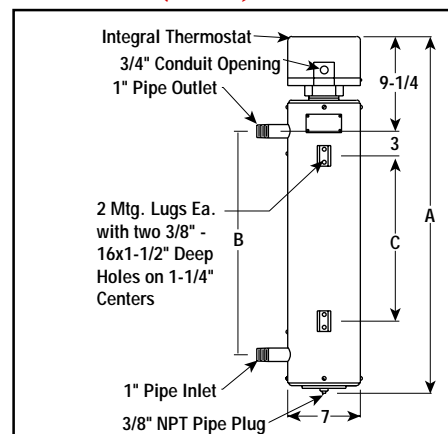
**Vessel** — Pipe body and nozzles are ASTM A53B carbon steel pipe. The end disk is ASTM A516 Grade 70 carbon steel plate. Provided with thermal insulation and painted sheet metal jacket.

**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				
1	120	1-1	21-5/8	9-3/8	—	NWHMTOR-03-001P-E1	NS	022357	10
1	240	1-1	21-5/8	9-3/8	—	NWHMTOR-03-001P-E1	NS	022365	10
1	240	1-3	21-5/8	9-3/8	—	NWHMTOR-03-001P-E1	NS	022373	10
1	480	1-3	21-5/8	9-3/8	—	NWHMTOR-03-001P-E1	NS	022381	10
3	240	1-1	34-3/4	22-1/2	16-1/2	NWHMTOR-03-003P-E1	AS	022390	22
3	240	1-3	34-3/4	22-1/2	16-1/2	NWHMTOR-03-003P-E1	AS	022402	22
3	480	1-1	34-3/4	22-1/2	16-1/2	NWHMTOR-03-003P-E1	AS	022410	22
3	480	1-3	34-3/4	22-1/2	16-1/2	NWHMTOR-03-003P-E1	AS	022429	22
5	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTOR-03-005P-E1	AS	022437	40
5	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTOR-03-005P-E1	AS	022445	40
5	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTOR-03-005P-E1	NS	022453	40
5	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTOR-03-005P-E1	NS	022461	40
7.5	240	1-1	68-1/4	56	50	NWHMTOR-03-07P5-E1	AS	022470	48
7.5	240	1-3	68-1/4	56	50	NWHMTOR-03-07P5-E1	AS	022488	48
7.5	480	1-1	68-1/4	56	50	NWHMTOR-03-07P5-E1	NS	022496	48
7.5	480	1-3	68-1/4	56	50	NWHMTOR-03-07P5-E1	NS	022509	48
9	240	1-1	79-1/4	67	61	NWHMTOR-03-009P-E1	AS	022517	54
9	240	1-3	79-1/4	67	61	NWHMTOR-03-009P-E1	AS	022525	54
9	480	1-1	79-1/4	67	61	NWHMTOR-03-009P-E1	NS	022533	54
9	480	1-3	79-1/4	67	61	NWHMTOR-03-009P-E1	NS	022541	54

**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	Medium and Heavy Weight Oil			
NWHMTOR	Oil Circulation Heater with Screw Plug Low Watt Density Elements			
	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		
NWHMTOR	03	003P	E1	Typical Model Number