

# 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/in<sup>2</sup>)
- 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.

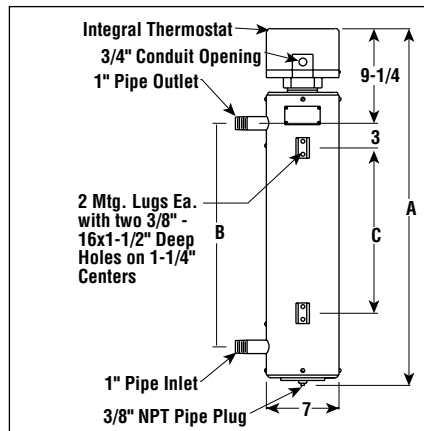
**Vessel:** Pipe body and nozzles are ASTM A53B carbon steel pipe. The end disk is ASTM A516 Grade 70 carbon steel plate. Provided with thermal insulation and painted sheet metal jacket.

### Wiring:

Convenient field wiring terminals are provided for easy installation.

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

### Dimensions: inches



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



NWHMTOR-03-001P-E1/120 shown smaller than actual size.

## To Order

		Dimensions: in					
kW	Volts	Ckt & Phase	A	B	C	Model No.	Wt. (lb)
1	120	1-1	21½	9½	—	NWHMTOR-03-001P-E1/120	10
1	240	1-1	21½	9½	—	NWHMTOR-03-001P-E1/240	10
1	240	1-3	21½	9½	—	NWHMTOR-03-001P-E1/240/3P	10
1	480	1-3	21½	9½	—	NWHMTOR-03-001P-E1/480/3P	10
3	240	1-1	34½	22½	16½	NWHMTOR-03-003P-E1/240	22
3	240	1-3	34½	22½	16½	NWHMTOR-03-003P-E1/240/3P	22
3	480	1-1	34½	22½	16½	NWHMTOR-03-003P-E1/480	22
3	480	1-3	34½	22½	16½	NWHMTOR-03-003P-E1/480/3P	22
5	240	1-1	57½	45¼	39¼	NWHMTOR-03-005P-E1/240	40
5	240	1-3	57½	45¼	39¼	NWHMTOR-03-005P-E1/240/3P	40
5	480	1-1	57½	45¼	39¼	NWHMTOR-03-005P-E1/480	40
5	480	1-3	57½	45¼	39¼	NWHMTOR-03-005P-E1/480/3P	40
7.5	240	1-1	68½	56	50	NWHMTOR-03-07P5-E1/240	48
7.5	240	1-3	68½	56	50	NWHMTOR-03-07P5-E1/240/3P	48
7.5	480	1-1	68½	56	50	NWHMTOR-03-07P5-E1/480	48
7.5	480	1-3	68½	56	50	NWHMTOR-03-07P5-E1/480/3P	48
9	240	1-1	79½	67	61	NWHMTOR-03-009P-E1/240	54
9	240	1-3	79½	67	61	NWHMTOR-03-009P-E1/240/3P	54
9	480	1-1	79½	67	61	NWHMTOR-03-009P-E1/480	54
9	480	1-3	79½	67	61	NWHMTOR-03-009P-E1/480/3P	54

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

## 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			
R	<b>Code</b> Number of Elements			
	03	Three		
	<b>Code</b> kW			
	003P	3	07P5	7.5
	04P5	4.5	009P	9
	006P	6		
	<b>Code</b> Terminal Enclosure			
	E1	General Purpose		
	E2	Moisture Resistant/Explosion Resistant		
	E4	Moisture Resistant		
NWHMTOR	03	003P	E1	Typical Model Number