

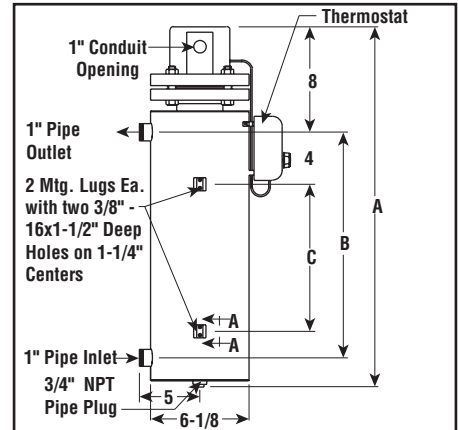
## NWHOR & NWHORB

### Medium, Heavy & Fuel Oil Applications

- 3 - 14" ANSI Blind Flange Design
- 3 - 14" Carbon Steel Pipe Body, 150 Lb Construction
- 3 - 120kW
- 240 and 480V, 1 & 3 Phase
- General Purpose, Moisture Resistant Terminal, Moisture Resistant/Explosion Proof Enclosure
- 0.475" Dia. Steel Sheath Low Watt Density Elements (12 - 15 W/In<sup>2</sup>)
- With & Without Side Mounted AR Thermostat (60 - 250°F)
- UL, CSA, ATEX and Other Third Party Approval, Listing or Certification Available



### Dimensions (Inches) NWHOR-03



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

### Applications

**Medium and Heavy Weight Oil** — Low watt density reduces the risk of damaging highly viscous fluids. Improve flow ability of fuel oils.

### Features

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

**Elements** — 0.475" diameter steel sheath elements.

**Flange** — 3 - 14" ANSI B-16.5 Blind flange with 1/2" thermowell for thermostat bulb and a 1/8" NPT threaded opening for a thermocouple or RTD.

**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** — Series 03 and 06 stock and assembly stock heaters come equipped with side mounted thermostat. Series 18, 27 and 45 are furnished without thermostat.

**WARNING** — **Hazard of Fire.** These devices function as temperature controls only. Because they do not fail-safe, an approved temperature and/or pressure safety control must be used for safe operation. Consult Controls section of this catalog.

### Specifications and Ordering Information

kW	Volts	Ckt & Phase	Dimensions (In.)			Model	Stock	PCN	Wt. (Lbs.)
			A	B	C				
<b>Series 03 — 3 inch 150 lb carbon steel vessel — 3 steel elements (15 W/In<sup>2</sup>) with side mounted thermostat — 1" NPT pipe inlet and outlet</b>									
3	240	1-1	32-15/16	22-1/2	16-1/2	NWHOR-03-003P-E1	NS	010760	70
3	240	1-3	32-15/16	22-1/2	16-1/2	NWHOR-03-003P-E1	NS	101995	70
3	480	1-1	32-15/16	22-1/2	16-1/2	NWHOR-03-003P-E1	NS	010815	70
3	480	1-3	32-15/16	22-1/2	16-1/2	NWHOR-03-003P-E1	NS	010840	70
4	240	1-1	42-15/16	32-1/2	26-1/2	NWHOR-03-004P-E1	NS	010874	80
4	240	1-3	42-15/16	32-1/2	26-1/2	NWHOR-03-004P-E1	NS	010903	80
4	480	1-1	42-15/16	32-1/2	26-1/2	NWHOR-03-004P-E1	NS	010938	80
4	480	1-3	42-15/16	32-1/2	26-1/2	NWHOR-03-004P-E1	NS	010962	80
6	240	1-1	55-7/16	45	39	NWHOR-03-006P-E1	NS	010997	94
6	240	1-3	55-7/16	45	39	NWHOR-03-006P-E1	NS	102234	94
6	480	1-1	55-7/16	45	39	NWHOR-03-006P-E1	NS	011041	94
6	480	1-3	55-7/16	45	39	<b>NWHOR-03-006P-E1</b>	<b>S</b>	<b>102250</b>	94

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