

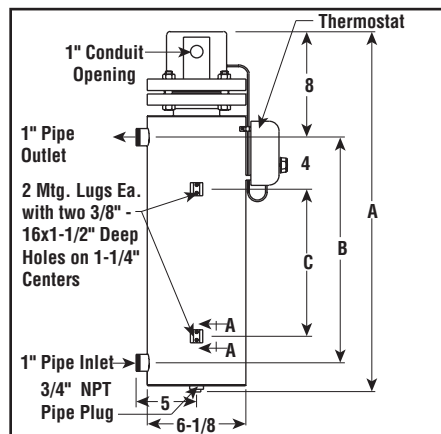
NWHO & NWHOB

Light & Medium Weight Oil Applications

- 3 - 10" ANSI Blind Flange Design
- 3 - 10" 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 Elements (20 - 23 W/in²)
- With & Without Side Mounted AR Thermostat (200 - 550°F)
- UL, CSA, ATEX and Other Third Party Approval, Listing or Certification Available



Dimensions (Inches) NWHO-03



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

Applications

Light and Medium Weight Oil — Temperature maintenance and heating of heat transfer oils. Improve flow ability of medium weight 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 - 10" 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 3 and 6 stock and assembly stock heaters come equipped with side mounted thermostat. Series 18 and 27 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				
Series 3 — 3 inch, 150 lb carbon steel vessel — 3 steel elements (23 W/in²) with side mounted thermostat — 1" NPT pipe inlet and outlet									
3	240	1-1	32-15/16	22-1/2	16-1/2	NWHO-03-003P-E1	NS	011615	70
3	240	1-3	32-15/16	22-1/2	16-1/2	NWHO-03-003P-E1	NS	011640	70
3	480	1-1	32-15/16	22-1/2	16-1/2	NWHO-03-003P-E1	NS	011674	70
3	480	1-3	32-15/16	22-1/2	16-1/2	NWHO-03-003P-E1	NS	011703	70
4.5	240	1-1	32-15/16	22-1/2	16-1/2	NWHO-03-04P5-E1	NS	011738	70
4.5	240	1-3	32-15/16	22-1/2	16-1/2	NWHO-03-04P5-E1	NS	101151	70
4.5	480	1-1	32-15/16	22-1/2	16-1/2	NWHO-03-04P5-E1	NS	011789	70
4.5	480	1-3	32-15/16	22-1/2	16-1/2	NWHO-03-04P5-E1	S	101178	70
6	240	1-1	42-15/16	32-1/2	26-1/2	NWHO-03-006P-E1	NS	011834	80
6	240	1-3	42-15/16	32-1/2	26-1/2	NWHO-03-006P-E1	S	101274	80
6	480	1-1	42-15/16	32-1/2	26-1/2	NWHO-03-006P-E1	NS	011885	80
6	480	1-3	42-15/16	32-1/2	26-1/2	NWHO-03-006P-E1	S	101290	80
7.5	480	1-1	55-7/16	45	39	NWHO-03-07P5-E1	NS	011930	94
7.5	480	1-3	55-7/16	45	39	NWHO-03-07P5-E1	NS	011965	94
9	240	1-1	55-7/16	45	39	NWHO-03-009P-E1	NS	011990	94
9	240	1-3	55-7/16	45	39	NWHO-03-009P-E1	S	101514	94
9	480	1-1	55-7/16	45	39	NWHO-03-009P-E1	NS	011279	94
9	480	1-3	55-7/16	45	39	NWHO-03-009P-E1	S	101530	94

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