

NWHMTSS

Pure Water & Mildly Corrosive Solution Applications

- 2 - 1/2" NPT Stainless Steel Screw Plug Design
- 2 - 1/2" Passivated Stainless Steel Pipe Body, 150 Lb Construction
- 3 - 18 kW
- 120, 240 and 480V, 1 & 3 Phase
- General Purpose, Moisture Resistant/Explosion Resistant Terminal enclosure
- Three 0.475" Dia. Stainless Steel Sheath Elements (50 W/in²)
- Integral Thermostat (60 - 250°F)
- UL, CSA and Other Third Party Approval, Listing or Certification Available on Many Models

Applications

Remote and Booster Heating of demineralized or de-ionized water and mildly corrosive solutions (pH5 to pH9).

Features

Terminal Enclosure — E1 General Purpose is standard. E2 enclosure available.

Elements — Three Type 304 passivated Stainless Steel sheath elements.

Screw Plug — 2-1/2" Type 304 Stainless Steel screw plug with 1/2" thermowell for thermostat bulb.

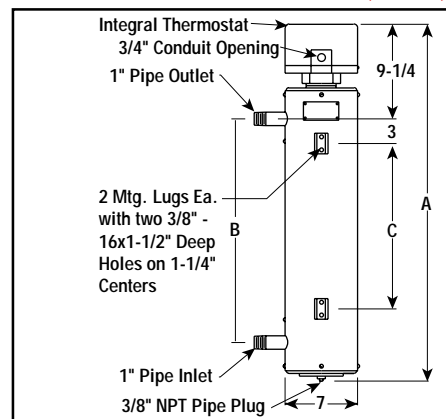
Vessel — Pipe body and nozzles are type 304 ASTM A312 ERW Stainless Steel pipe. The end disks are type 304 ASTM A240 or A479 Stainless Steel plate. Provided with thermal insulation and 20 gauge painted sheet metal jacket.

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

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



NWHMTS-03 — 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	120	1-1	21-5/8	9-3/8	—	NWHMTSS-03-003P-E1	AS	020730	15
3	240	1-1	21-5/8	9-3/8	—	NWHMTSS-03-003P-E1	AS	020749	15
3	240	1-3	21-5/8	9-3/8	—	NWHMTSS-03-003P-E1	AS	020757	15
3	480	1-1	21-5/8	9-3/8	—	NWHMTSS-03-003P-E1	AS	020765	15
3	480	1-3	21-5/8	9-3/8	—	NWHMTSS-03-003P-E1	AS	020773	15
4.5	240	1-1	21-5/8	9-3/8	—	NWHMTSS-03-04P5-E1	AS	020781	15
4.5	240	1-3	21-5/8	9-3/8	—	NWHMTSS-03-04P5-E1	AS	020790	15
4.5	480	1-1	21-5/8	9-3/8	—	NWHMTSS-03-04P5-E1	AS	020802	15
4.5	480	1-3	21-5/8	9-3/8	—	NWHMTSS-03-04P5-E1	AS	020810	15
6	240	1-1	34-3/4	22-1/2	16-1/2	NWHMTSS-03-006P-E1	AS	020829	22
6	240	1-3	34-3/4	22-1/2	16-1/2	NWHMTSS-03-006P-E1	AS	020837	22
6	480	1-1	34-3/4	22-1/2	16-1/2	NWHMTSS-03-006P-E1	AS	020845	22
6	480	1-3	34-3/4	22-1/2	16-1/2	NWHMTSS-03-006P-E1	AS	020853	22
9	240	1-1	34-3/4	22-1/2	16-1/2	NWHMTSS-03-009P-E1	AS	020861	22
9	240	1-3	34-3/4	22-1/2	16-1/2	NWHMTSS-03-009P-E1	AS	020870	22
9	480	1-1	34-3/4	22-1/2	16-1/2	NWHMTSS-03-009P-E1	AS	020888	22
9	480	1-3	34-3/4	22-1/2	16-1/2	NWHMTSS-03-009P-E1	AS	020896	22
12	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-012P-E1	AS	020909	40
12	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-012P-E1	AS	020917	40
12	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-012P-E1	AS	020925	40
12	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-012P-E1	AS	020933	40
15	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-015P-E1	AS	020941	40
15	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-015P-E1	AS	020950	40
15	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-015P-E1	AS	020968	40
15	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-015P-E1	AS	020976	40
18	240	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-018P-E1	AS	020989	40
18	240	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-018P-E1	AS	020992	40
18	480	1-1	57-1/2	45-1/4	39-1/4	NWHMTSS-03-018P-E1	AS	021004	40
18	480	1-3	57-1/2	45-1/4	39-1/4	NWHMTSS-03-018P-E1	AS	021012	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	Pure Water and Mildly Corrosive Solution			
NWHMTSS	Water Circulation Heater with Screw Plug Stainless Steel Sheath — Stainless Steel Vessel			
Code	Number of Elements			
03	Three			
Code	kW			
003P	3	009P	9	018P
04P5	4.5	012P	12	
006P	6	015P	15	
Code	Terminal Enclosure			
E1	General Purpose			
E2	Moisture Resistant/Explosion Resistant			
NWHMTSS 03	003P	E1	Typical Model Number	