



Specification Data Sheet – Tubular Enclosure Heaters

Form PB301

Customer Name: _____ Reference No.: _____

Quantity: _____ Date: _____

Requirements

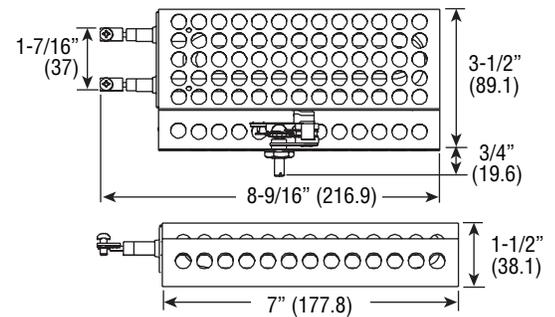
1. RATING:	Volts	Watts	4. MOUNTING BRACKET:
2. ENCLOSURE TYPE:			5. THERMOSTAT:
3. TERMINAL COVER:			6. TERMINAL TYPE:

Model	
TEH	
Code	Enclosure Type
A	Base with U-Shaped Mounting
B	Base with L-Shaped Mounting
C	Base with Mounting Brackets
D	Top
Code	Power (Watts)
XXXW	
Code	Voltage (Volts)
24	24 V
120	120 V
208	208 V
240	240 V
Code	Terminal Cover
O	None
T	Included
Code	Mounting Brackets
O	None
S	Included (See note 1)
Code	Thermostat
O	None
A	Adjustable
P	Preset
Code	Terminal Type
T	8-32 Terminals (Std.)
D	1/4" Quick Disconnect
TEH- A- 200W- 120V- T- S- A- T	Typical Model Number

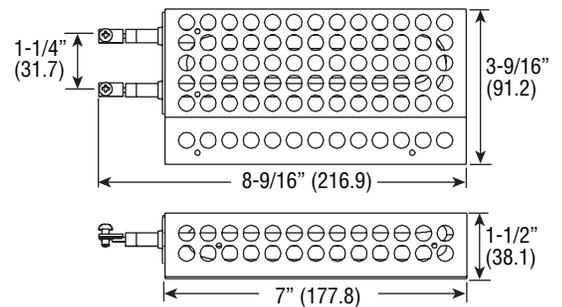
Notes:

- Enclosure type "C" includes mounting bracket option "S"
- Heaters with enclosure type "D" are designed to be mounted on top of those with enclosure type "C". See instructions for details.
- Standard models available in 25 W increments up to 400W max.
- Thermostat option only available with type A enclosure
- For custom designs, including voltages, wattages, and configurations with preset thermostats. contact sales.

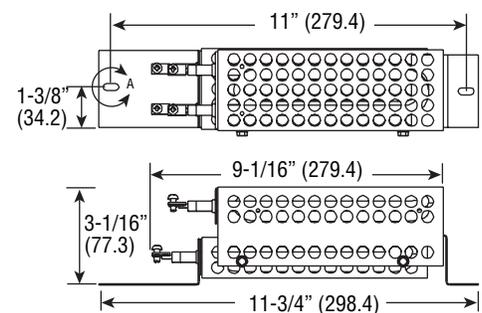
Model TEH-A with Thermostat



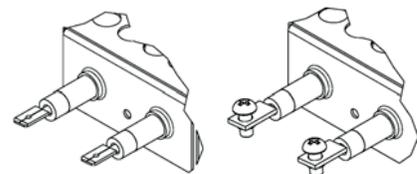
Model TEH-B



Model TEH-C and Model TEH-D



Terminal Configurations





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1) Codes, Approvals, and Standards

The electric enclosure heaters shall conform to the specification. It shall be designed, manufactured, and tested in accordance with the applicable requirements of the latest edition of the following codes and standards.

- UL 499 Underwriters' Laboratories, Inc.
- CSA C22.2 NO. 72 10 Canadian Standards Association

2) Materials

- Element shall be constructed of Nichrome "A" internal coil with high grade MgO insulation and Incoloy sheath.
- Element terminals shall include an RTV or epoxy end seal to prevent moisture ingress.
- Heating element shall be protected by a corrosion resistant perforated, galvanized sheet metal enclosure.
- Models equipped with standard integral adjustable thermostat shall include 36" HPN cord.

3) Design

- Heaters shall be sized using industry accepted heat loss calculations.
- Complete heating system shall consist of enclosure heater and controls that prevent heater from operating at ambient temperatures above 40°C (104°F).
- Hook-up wire shall have a minimum 90°C insulation rating and be sized according to local code requirements.
- Heaters shall be positioned near bottom of panel or enclosure with sufficient spacing from temperature sensitive components.

4) Installation

- The system shall be installed per manufacturers instructions.
- Installation shall be conducted by qualified personnel only.
- Installation techniques shall be governed by the manufactures installation instructions, and the standards governing the end use application.
- Installer shall conform to all site safety requirements and provide site safety documentation as required.
- Model TEH enclosure heaters are UL and CSA listed components. It is the ultimate responsibility of the end user to ensure that installation meets local codes and standards.