

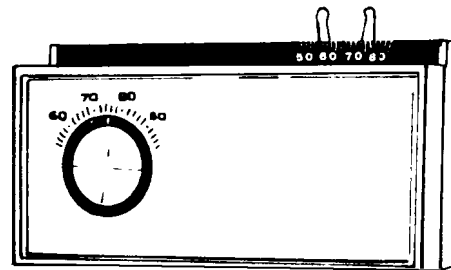


# Installation

# UHEC-IN-34

Library	Service Literature
Product Section	Air Terminal Devices and Heating Products
Product	Unit Heaters
Model	UHEC Accessories
Literature Type	Installation
Sequence	34
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## 24-Volt Two-Stage Thermostat



**Model TW 123**  
**Order No. 236-717**  
**(For Use With 25-50 KW Units)**

**9495**

Since the Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice. The installation and servicing of the equipment referred to in this booklet should be done by qualified, experienced technicians.

# Installation Instructions

## Procedure

**⚠ WARNING!**  
Open disconnect switches before servicing unit. Failure to do so may result in personal injury or death from electrical shock.

1. Disconnect heater from power supply.
2. At the desired location, run the thermostat cable through the hole in the center of the thermostat mounting subbase (Figure 1). Leave about three inches of wire for connections. Refer to the appropriate wiring diagram (located in the heater control panel) to determine the correct number of wires required.
3. Attach the subbase directly to the wall or to a **horizontal** outlet box (by installer). Level the subbase with a spirit level.
4. Connect the wires to the subbase, referring to the appropriate wiring diagram located in the heater control panel. All wiring must be in accordance with NEC, CEC and local electrical codes. All conductors from the thermostat to the unit must be copper. Plug the cable entrance hole to prevent drafts from affecting thermostat operation.
5. Remove the thermostat cover by pulling up at the bottom edge of the cover until it snaps free of the locking springs. Before mounting the thermostat, set the heat anticipator to correspond with the system primary control (relay, etc.).
6. Hang the thermostat on the subbase. The tabs along the top-inside edge of the subbase fit the sockets in the back of the thermostat. Tighten the two captive mounting screws on the thermostat (Figure 1). Replace the thermostat cover by hooking the cover tabs into the thermostat base and pushing down until the cover snaps into the locking springs.
7. Restore power to heater and check thermostat operation. A fall in ambient temperature below the thermostat setting causes the thermostat to energize the two stages of heating, in sequence. A rise in ambient temperature will reverse this sequence.

Figure 1  
24-Volt, Two-Stage  
Thermostat

