

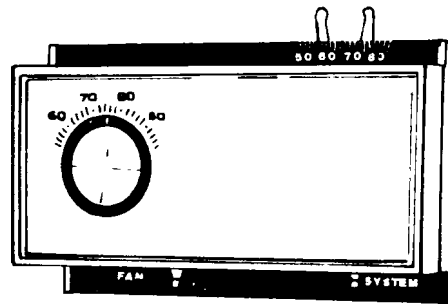


Installation

UHEC-IN-35

Library	Service Literature
Product Section	Air Terminal Devices and Heating Products
Product	Unit Heaters
Model	UHEC Accessories
Literature Type	Installation
Sequence	35
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24-Volt Two-Stage Thermostat W/Integral Fan Switch



Model TFS 5102
Order No. 236-722
(For Use With 25-50 KW Units)

9494

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 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.
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.

Fan Switch	System Switch	Function
ON	OFF	Fan ON - Heat OFF
ON	AUTO	Fan ON - stat cycles 2 stages heating
AUTO	OFF	Fan OFF - Heat OFF
AUTO	AUTO	Fan cycles w/first stage heat - stat cycles 2 stages heat

Figure 1
24-Volt, Two-Stage
Thermostat W/Fan Switch

