

## Pneumatic Room Thermostat REstat Kit Installation Instructions

### APPLICATION

This kit contains hardware to facilitate field replacement of pneumatic thermostats.

#### THIS KIT CONTAINS:

Quantity	Description
One (1)	TK-1301 or TK-1381 with °F setpoint dial and °F thermometer
<b>To Convert Thermostat Cover Appearance</b>	
One (1)	Blank cover insert
One (1)	Cover insert with setpoint cutout
<b>To Connect thermostat Tubing to Field Tubing</b>	
Two (2)	1/4" x 5/32" barbed fitting to connect 5/32" thermostat tubing to field tubing
Two (2)	5/32" x 5/32" barbed fitting to connect 5/32" thermostat tubing to field tubing
Two (2)	1/4" O.D. x 2" Tygon tube to connect 5/32" thermostat tubing to field tubing
Two (2)	1/4" x 1/4" compression to tubing fitting
<b>To Secure Cover to Base</b>	
One (1)	5/64" Allen head screw for securing cover to thermostat base
One (1)	5/64" Allen head wrench

**Note:** Not all hardware is required in each installation.

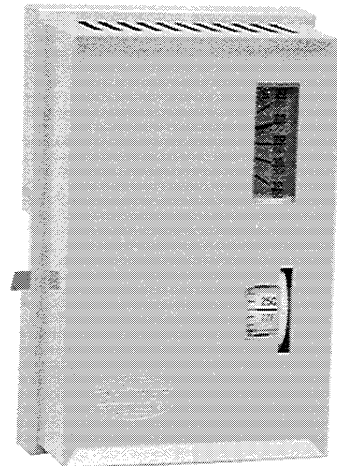
### PRE-INSTALLATION

#### Inspection

Visually inspect the carton for damage. If damaged, notify the appropriate carrier immediately. If undamaged, open the carton and visually inspect the device for obvious defects. Return damaged or defective products.

#### Required Installation Items

- Tools:
  - Appropriate screwdriver for mounting screws (not provided)
  - Allen wrench for 5/64" Allen head cover screw (provided)
  - Needle nose pliers for knurled dial removal (not provided)
- Appropriate accessories
- Mounting screws and appropriate fittings



TK-1301 or TK-1381

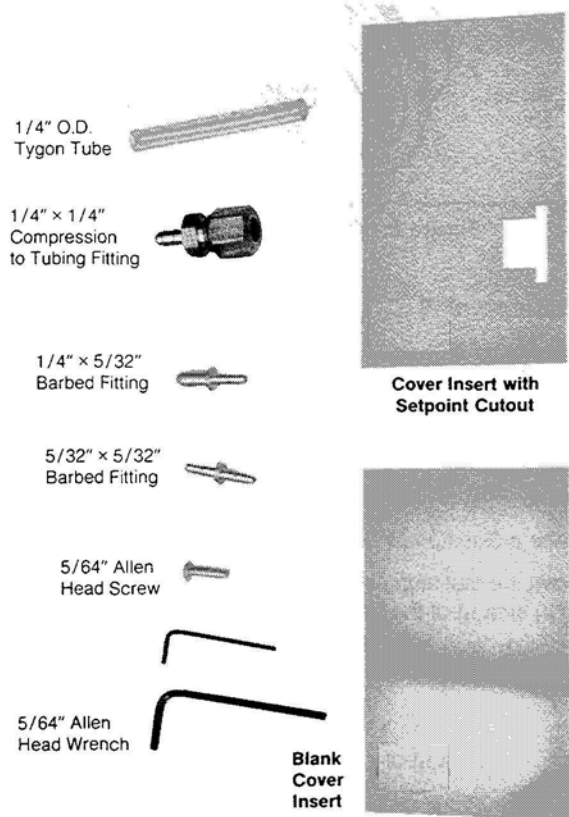


Figure-1 Part Identification.

## INSTALLATION

**Caution:** Installer must be a qualified, experienced technician. Make all connections in accordance with the instructions on the accompanying General Instruction sheet.

1. Remove old thermostat and wall plate as necessary to obtain access to Main and Branch lines.
2. Select appropriate hardware to facilitate field connections. TAC AT-536 accessory kit may be used to improve appearance.
3. Refer to TK-1301/TK-138 General Instruction sheet (F-15571), included in package, for thermostat mounting and connections.

## OPTIONS

### Tamper Resistant Cover

Replace slotted cover screw with Allen screw.

### Concealed Setpoint

### Knurled Dial Removal

See Figure-2.

1. Remove thermostat cover.
2. Secure the setpoint dial with hand so that the dial will not rotate.
3. Place needle nose pliers at knurled ring of the setpoint dial at the points where the knurled ring is attached to the setpoint dial.
4. Twist the pliers at each knurled ring attachment point until the entire knurled ring of the setpoint dial is removed.

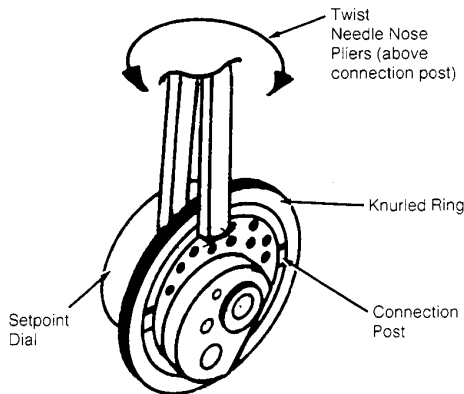


Figure-2 Knurled Dial Removal.

### Limit Setpoint Dial Range

### Dial stop pin Insertion - Included with Mounting Plate

See Figure-3.

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1. Remove thermostat cover.
2. Secure the setpoint dial with hand so that the dial will not rotate.
3. Place a dial stop pin in the jaws of a needle nose pliers.
4. Insert the dial stop pin in the appropriate hole on either (or both) side(s) of the setpoint dial to restrict dial rotation.

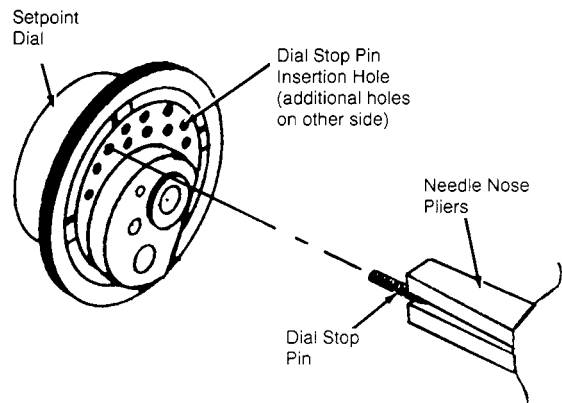


Figure-3 Dial Stop Pin Insertion.

### Cover Insert Installation

See Figure-4.

1. Select appropriate cover insert.

**Note:** If blank insert is used, the knurled ring must be removed from the setpoint dial. See Knurled Dial Removal above. Also, remove dial window by sliding and/or pressing window from front of cover.

2. Remove protective backing and protective skin on face of cover insert.
3. Press insert uniformly on thermostat with TAC logo in lower left-hand corner.

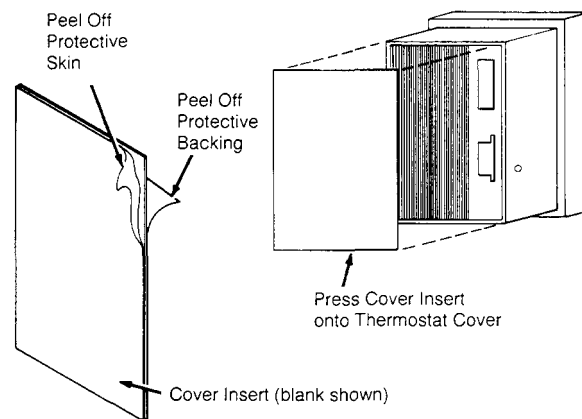


Figure-4 Cover Insert Installation.