



# Installation Instructions

## I-17 Radiant Sensor Bracket

Part No. 26585

### Qualifications for Installation of the Kit:

- You must be able to read and understand these instructions.
- You must have sufficient training and experience to install the kit as discussed.
- You must be able to test the heater for proper operation and place the heater in a continuing safe and normal operating condition.

**This kit includes components for mounting one sensor bracket to one I-17 heater.**

### Kit Contents

Description	Quantity
Strain relief, 1/2 in.	1
Nut, hex, locking, 6-32 with star washer	2
Screw, 6-32 x 3/4	2
Nut, hex, 10-32, brass	2
Screw, 1/4 in.	2
Bracket, sensor	1
Bracket, holder	1
Housing, sensor	1
Chain, 22 in.	1
S hook	2
Instructions	1

### Tools Required

- Standard screwdriver with small 1/8 in. blade.
- 5/16 in. nut driver.
- Phillips head screwdriver
- Needle nose pliers
- 3/8 in. wrench or adjustable wrench

### A. Initial Preparation

The heater to which the room sensor is attached will be the governing heater for all other heaters in a specific heating zone. The producer must select a proper location for the heater in a pen that will not be affected by drafts produced by:

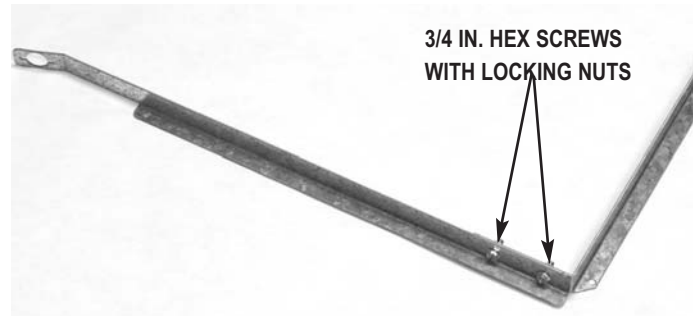
- Cold end walls
- Entry or exit doors
- Load out areas
- Air inlets

Locating the heater away from these areas will prevent the heater from operating at higher heat outputs than needed.

### B. Mounting the Room Sensor to Heater

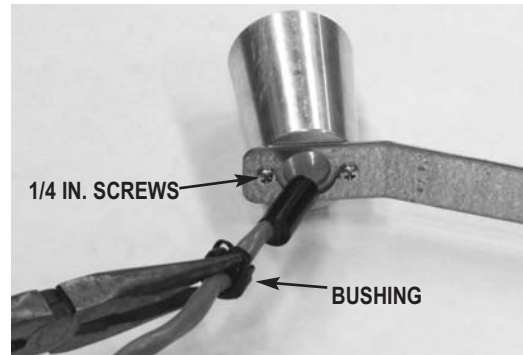
1. Assemble the brackets as shown in Fig.1 Use two each 3/4 in. screws and locking nuts.

**FIG. 1**



2. Mount the sensor housing to the bracket as shown in Fig.2, using two 1/4 inch screws.

**FIG. 2**



3. Secure the room controller's sensor to the sensor housing with the strain relief as shown in Fig.2. The sensor tip needs to be positioned 1/8 in. to 3/16 in. from edge of housing See Fig. 3.

**CAUTION**

- Keep the sensor wire away from the top and sides of the heater to prevent damage.

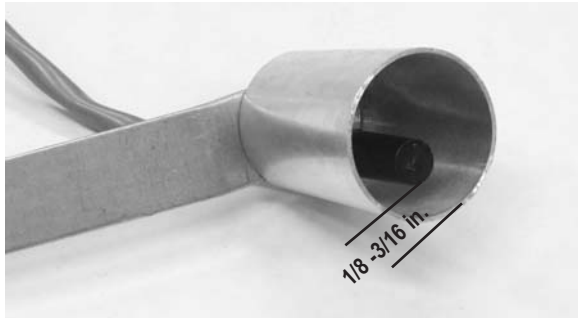


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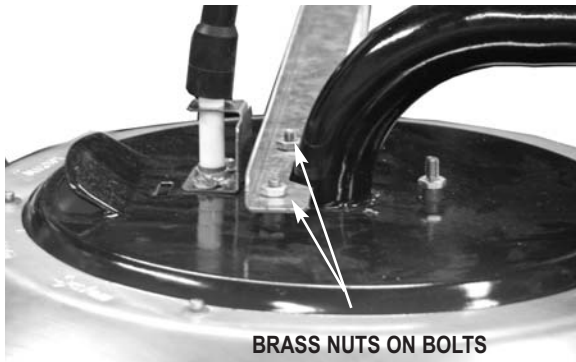
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**FIG. 3**



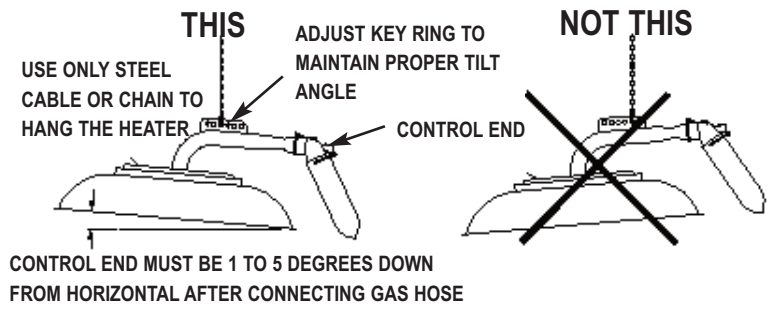
4. Attach the bracket assembly to the heater's burner bolts as shown in Fig. 4. Use the two brass nuts from kit. Tighten the nuts securely.

**FIG. 4**



5. Connect the gas hose to the heater and gas supply.
6. Hang the heater. See Figs. 5 and 6.

**FIG. 5**



**FIG. 6**

