

Installation Instructions

Thermocouple

Radiant Heaters



WARNING **Burn Hazard**

- Heater surfaces are very hot for a period of time after the heater has been shut down.
- Allow the heater to cool before servicing.
- Failure to follow this warning will result in burns causing injury.

2. The installed finished position of the thermocouple is 1/2 - 9/16 inch from the top edge of thermocouple to the heater's housing. See Fig. 2.
3. Thread the connection nut on thermocouple into safety control valve and snug in place. Position the thermocouple's temperature switch under the retaining clip. Tighten retaining clip screw securely. See Fig. 3.

Initial Preparation

1. Close the gas supply valve to the heater.
2. Remove the existing thermocouple with nuts and cover from the heater
3. Position the thermocouple cover and nuts onto the replacement thermocouple as shown in Fig. 1. Use the cover from the original thermocouple and the nuts supplied with the replacement.

FIG. 1

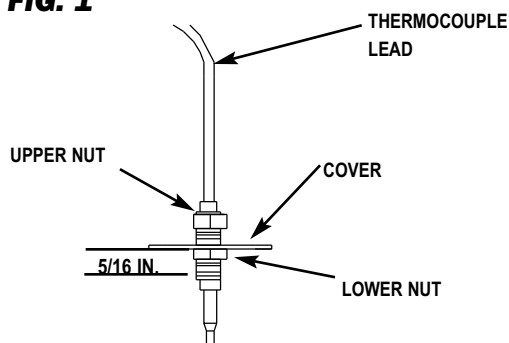
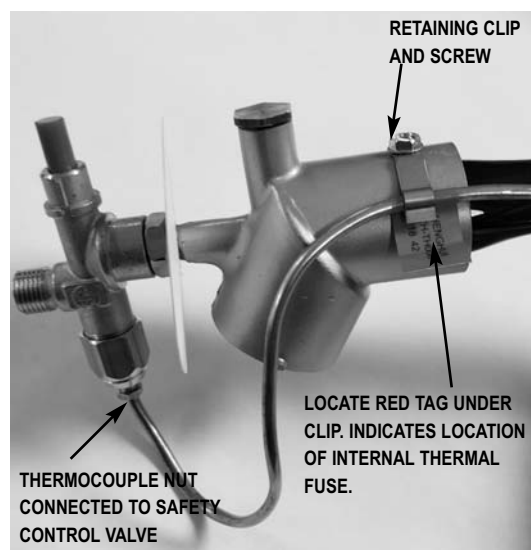


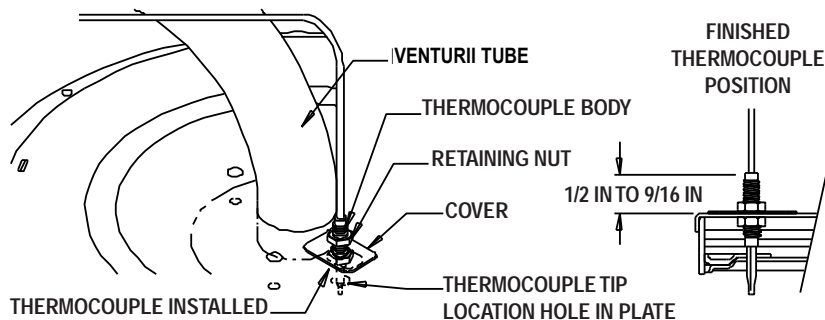
FIG. 3



Action

1. Angle the thermocouple slightly so its tip and lower nut pass through the keyhole slot. The tip must be located within the thermocouple location hole of the burner plate. Pull up on the thermocouple lead so the lower nut is tight against the inside of the heater housing. Tighten upper nut against the cover and housing. See Fig. 2.

FIG. 2



Completion

1. Open the gas supply valve to the heater.
2. Light the heater and check for proper operation.