

**INSTALLATION INSTRUCTIONS**

**Burner/Control Box BTUH Size Conversion Kit - Models TR**

**Description:** This Model TR burner/control box was factory-assembled as a Size 75, 125, or 175 for installation at 0 - 2000 ft.

- If a Size 75, the parts in this kit will field-convert it to a Size 100.
- If a Size 125, the parts in this kit will field-convert it to a Size 150.
- If a Size 175, the parts in this kit will field-convert it to a Size 200.

Verify that the kit matches the rating plate on the heater and the type of gas.

**IMPORTANT NOTE:** If this unit is going to be installed above 2000 ft, *do not install this kit*. Instead, install a high altitude kit for a Size 100, 150 or 200.

**Size Conversion Kit P/N's and Components**

| Convert  | From Size 75 to 100 |               |         |               | From Size 125 to 150 |             |         |               | From Size 175 to 200 |                  |
|--|---------------------|---------------|---------|---------------|----------------------|-------------|---------|---------------|----------------------|------------------|
| Type of Gas →  | Natural             |               | Propane |               | Natural              |             | Propane |               | Natural only         |                  |
| Kit P/N →  | 120096              |               | 120098  |               | 120097               |             | 120099  |               | 132498               |                  |
| Description  | Qty                 | P/N           | Qty     | P/N           | Qty                  | P/N         | Qty     | P/N           | Qty                  | P/N              |
| Burner Orifice<br>Orifice Size                           | 1                   | 120157<br>#12 | 1       | 120141<br>#32 | 1                    | 120165<br>D | 1       | 120149<br>#27 | 1                    | 136200<br>6.75mm |
| Combustion Air Restrictor<br>Plate with Conversion Label | 1                   | 120339        | 1       | 120341        | 1                    | 120340      | 1       | 120342        | 1                    | 133254           |
| Conversion Label for Burner/<br>Control Box - English    | 1                   | 133238        | 1       | 133239        | 1                    | 133240      | 1       | 133241        | 1                    | 133242           |
| Conversion Label - French                                | 1                   | 120100        | 1       | 120102        | 1                    | 120101      | 1       | 120103        | 1                    | 132005           |

**WARNING:** This conversion kit is to be installed by a qualified agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authorities having jurisdiction. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for this conversion.

**Installation Instructions**

**1. Fill-in Field Conversion Labels**

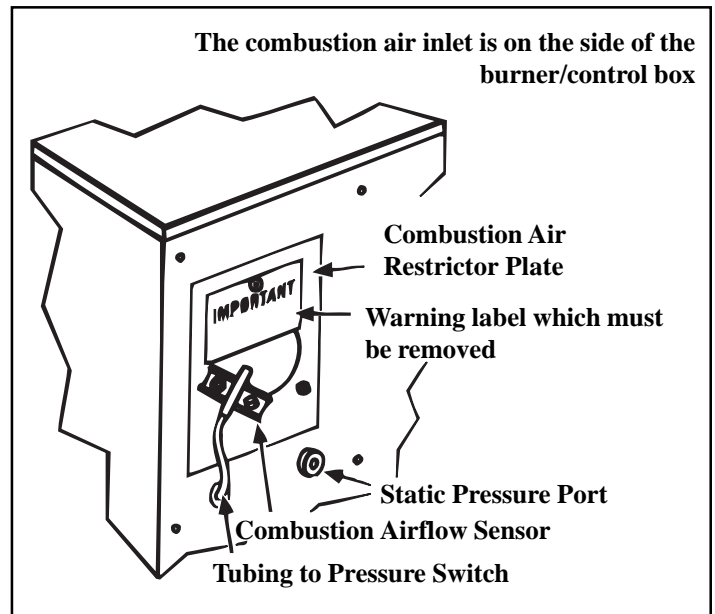
Open the plastic bag containing the conversion components. Remove the new combustion air restrictor plate with the conversion label and the loose conversion labels.

Complete the conversion information on all labels.

Portion of a Conversion Label indicating where to "fill in the blanks"

**THIS APPLIANCE HAS BEEN CONVERTED AT THE TIME OF INSTALLATION TO A BTUH SIZE \_\_\_\_\_,000 WITH KIT NO. \_\_\_\_\_(above)\_\_\_\_\_ BY \_\_\_\_\_(name of company and individual)\_\_\_\_\_ WHO ACCEPTS RESPONSIBILITY FOR THE CORRECTNESS OF THIS CONVERSION.**

**2. Identify the Combustion Air Inlet on the Burner/Control Box**

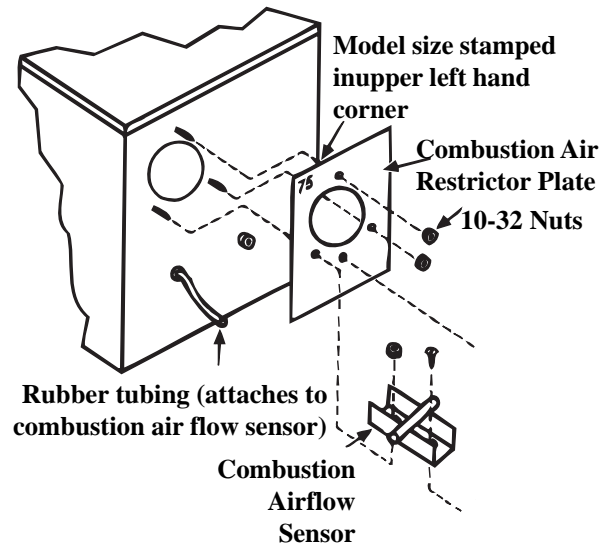


## Installation Instructions (cont'd)

### 3. Install New Combustion Air Restrictor Plate (refer to the illustration) →

Remove hardware (2 screws, 3 nuts) holding combustion air flow sensor bracket and combustion air restrictor plate. Remove and DISCARD combustion air restrictor plate.

From the conversion kit, attach the combustion air restrictor plate with the conversion label (marked 100). Re-attach combustion air flow sensor bracket.



**Remove and Discard Factory-Installed Combustion Air Restrictor Plate (Marked 75, 125, or 175)**

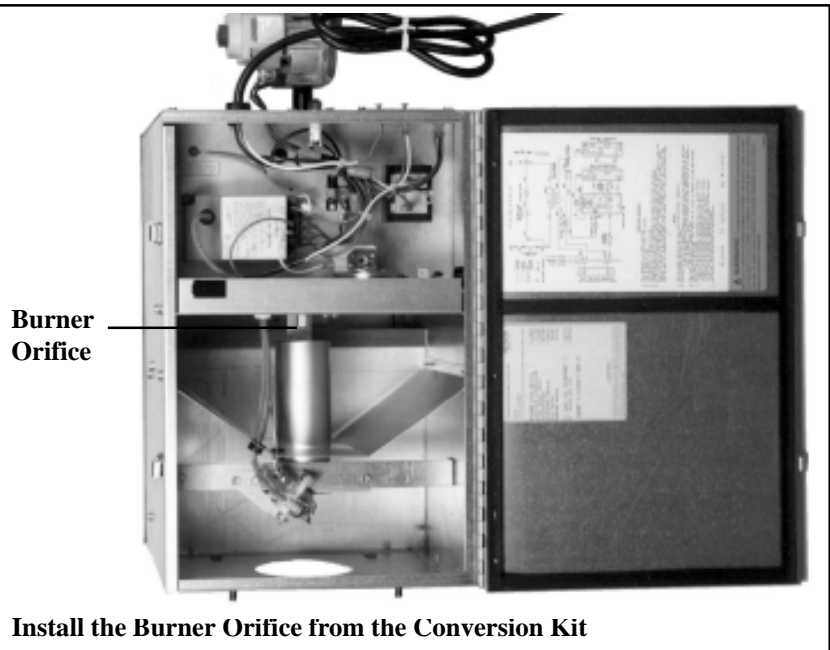
### 4. Install Burner Orifice

Open bottom access panel →

Using a 9/16" open end wrench, remove and DISCARD the factory-installed burner orifice.

Install the orifice from the conversion kit. Be certain the orifice is fully tightened.

Close the access panel.



**Install the Burner Orifice from the Conversion Kit**

### 5. Identify locations for adhering Model Size Conversion labels

Two labels (one in English; one in French)

Be sure surface is clean and dry. Adhere labels.

**Fill-in and adhere size conversion labels**

**Position Conversion Labels Directly Below the Rating Plate**

