



VERTICAL INLET BAFFLE INSTALLATION INSTRUCTIONS

VIB6A-1

VIB7A-1

EFFECTIVE DATE JULY, 2007

INSTRUCTIONS MUST BE LEFT WITH THE OWNER FOR FUTURE REFERENCE AFTER INSTALLATION

Installation of Vertical Inlet Baffle

The vertical inlet baffle is to be used only in a completely vertical vent installation. The vertical inlet baffle can be used when the vertical vent rise is between 10 feet and 40 feet.

In a vertical vent rise the rear (yellow) flame on the main burner can be reduced due to the drawing action from the flue exhaust pipe and the air inlet pipe. A decrease in the height or the appearance of the yellow flame may occur when the vertical vent rise is between 10 feet and 40 feet. To enhance the yellow flame on the main burner, the vertical inlet baffle can be secured to the vertical vent terminal.

Please use the following steps to install the vertical inlet baffle.

1. Place the vertical inlet baffle over the exterior of the air inlet openings on the direct vent vertical termination cap.
2. Install (2) #8 x 3.8" screws through the ends of the inlet baffle to secure.
3. Before tightening these screws, adjust the inlet baffle up/down to determine what position (or amount of vent inlet restriction) provides the best flame appearance.
Determine the best position of the inlet baffle as follows:
 - To achieve the maximum amount of yellow flame, the vertical vent baffle should be adjusted so that approximately 2/3's of the inlet air openings are covered.
 - To achieve the minimum amount of yellow flame, adjust the vertical inlet baffle so that it covers up approximately 1/3 of the inlet air openings.
4. The amount of air inlet opening to cover will vary depending on several factors including differences in vent heights, offsets, and brand of vent terminals.
5. Once the baffle has been positioned for best operation of the appliance, tighten the two end screws to lock the inlet baffle around the vent terminal.
6. Two additional #8 x 3/8" screws may be installed through the inlet air baffle and into the vent terminal to positively secure the air inlet baffle.
7. The installation of the inlet air baffle is now completed.

Parts List - VIB6A

Description	Part Number	Quantity Supplied
Vertical Inlet Baffle	23951	1
3/8" Hex-Head Screw	R-2656	4

Parts List - VIB7A

Description	Part Number	Quantity Supplied
Vertical Inlet Baffle	23950	1
3/8" Hex-Head Screw	R-2656	4