





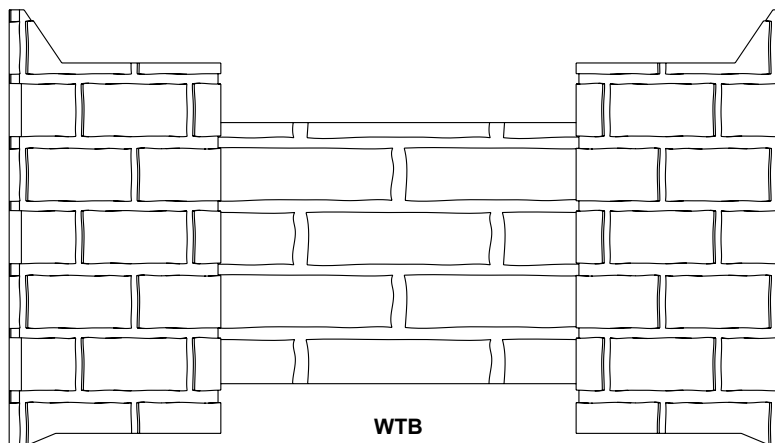
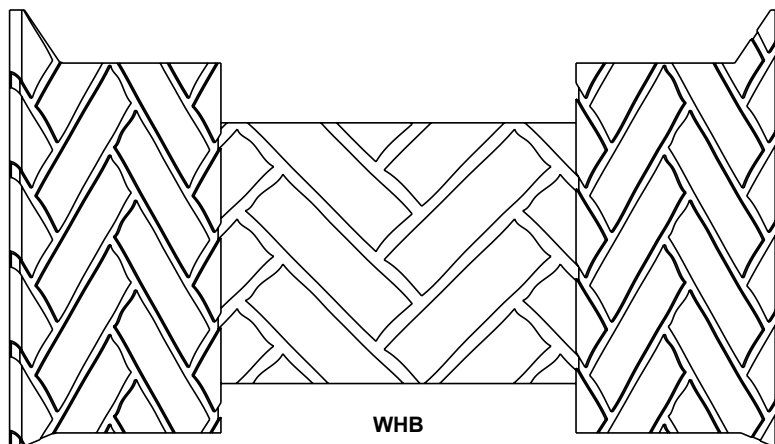
**Models:**  
**WHB30, WHB33, WHB36, WHB42**  
**WTB30, WTB33, WTB36, WTB42**

These refractories are intended for use with the Novus NDV and NBV Series gas appliances. Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact your Hearth & Home Technologies Inc. dealer. For the dealer nearest you, please visit [www.heatilator.com](http://www.heatilator.com)

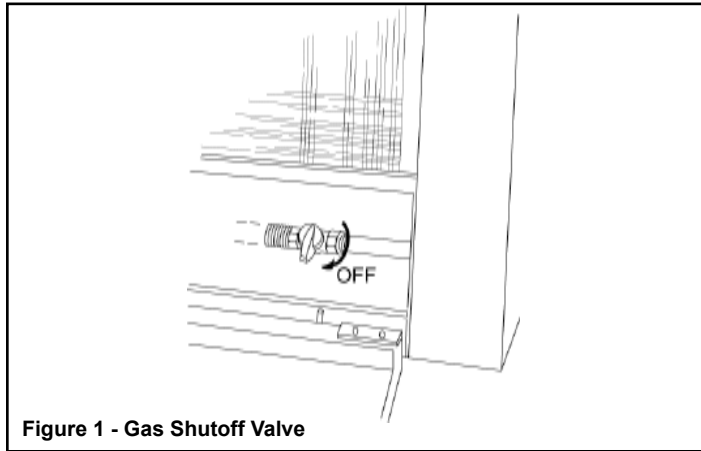
**Note:** An arrow (➔) found in the text signifies change in content.

	<b>CAUTION</b>	
	<b>Sharp Edges</b>	
	<ul style="list-style-type: none"><li>Wear protective gloves and safety glasses during installation.</li></ul>	

		<b>WARNING</b>
		<b>Hot Surfaces</b>
		<ul style="list-style-type: none"><li>Install this refractory only after the appliance has cooled and the gas and electricity have been shut off..</li></ul>



1. Shut off the electricity to the appliance and turn the gas shutoff valve to the closed position. See Figure 1. Remove the screen and glass from the appliance.

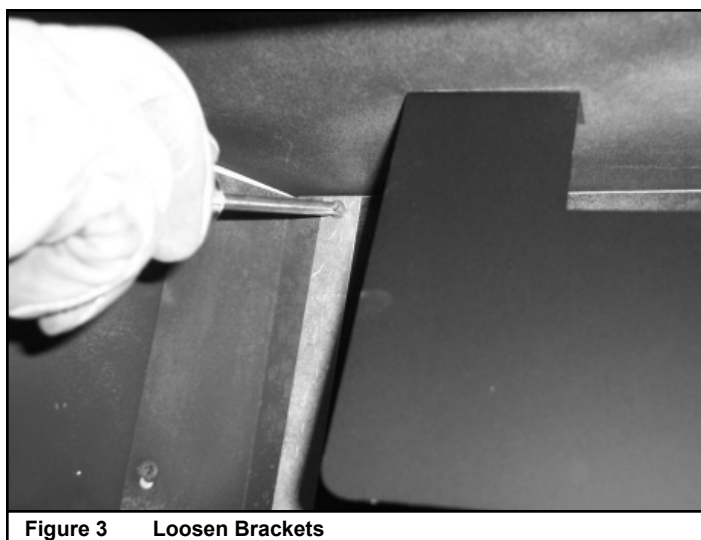
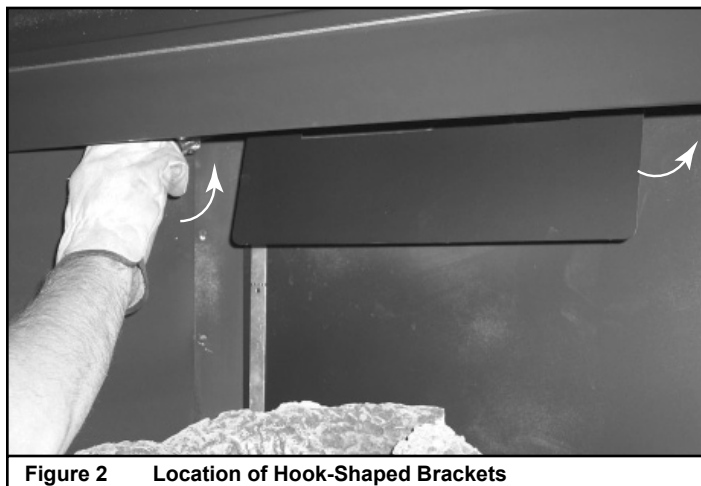


Make sure to shorten the bracket if installing in a B-vent unit. See Figure 4.



2. If installing this refractory into a B-Vent Appliance, please go to "To Convert Refractory Kit to Fit B-Vent Appliance" on page 4 of this manual.
3. Attach the two long hook-shaped brackets by removing the two outside screws on the false back and reinstall the screws. See Figures 2 and 3.

4. Set the back refractory piece into the brackets. See Figures 5 and 6.



5. If lava rock has been placed in appliance, clean the rock away from the firebox sides to make room for the side refractory. See Figure 7.



**Figure 7** Move Lava Rock to Install Side Refractory

6. Carefully install a side refractory. See Figures 8 and 9.



**Figure 8** Position Side Refractory



**Figure 9** Set Side Refractory in Place

7. To secure the side refractory in place, remove either the middle or back screw in the firebox top. Attach a refractory bracket (using the screw removed) to the firebox top. See Figure 10.



**Figure 10** Attach Refractory Bracket

8. Repeat Step 3 to install the other side refractory piece. See Figure 11.



**Figure 11** Install Other Side Refractory

9. Adjust the back and sides so no gaps are visible in the corners where the pieces come together.  
10. Repeat Step 7. to install the other side.  
11. Reinstall the fixed glass assembly and screen.  
12. Restore power and gas flow. Your refractory installation is now complete.

## 12. Convert Refractory Kit to Fit B-Vent Appliance

- a. Locate the back refractory piece and lay the brick side down on a flat surface. Locate the indicator marks on the back of the refractory piece. Lay a straight edge on the indicator marks and cut with a utility knife. See Figure 8.

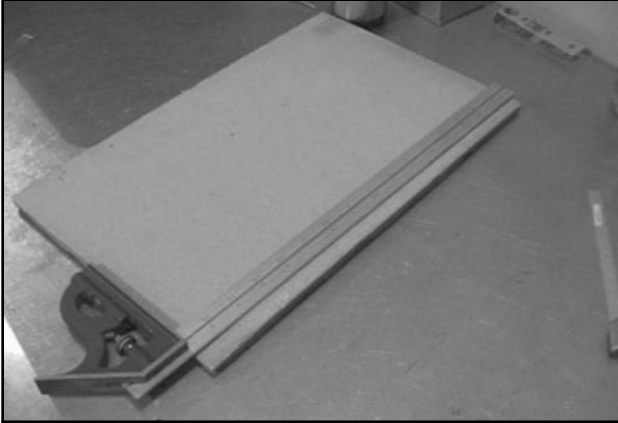


Figure 8

- b. B-Vent/Herringbone - cut at line, discard lower (smaller) portion. Install cut side down. Refer to Figure 9.
- c. Direct Vent/Herringbone - Install whole refractory.

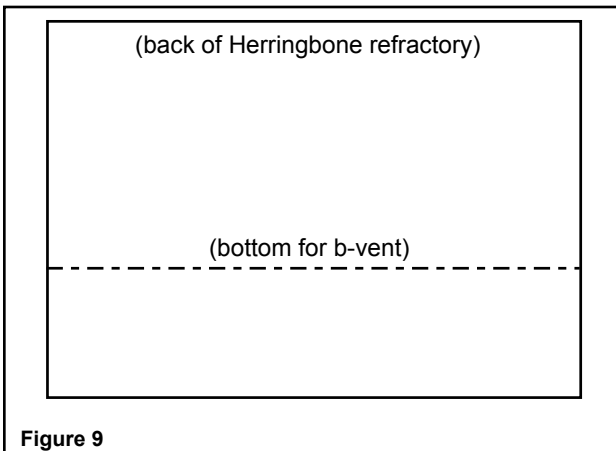


Figure 9

- d. B-Vent/Traditional - cut at line, discard upper (smaller) portion. Install cut side down. Refer to Figure 10.
- e. Direct Vent/Traditional - Install whole refractory.

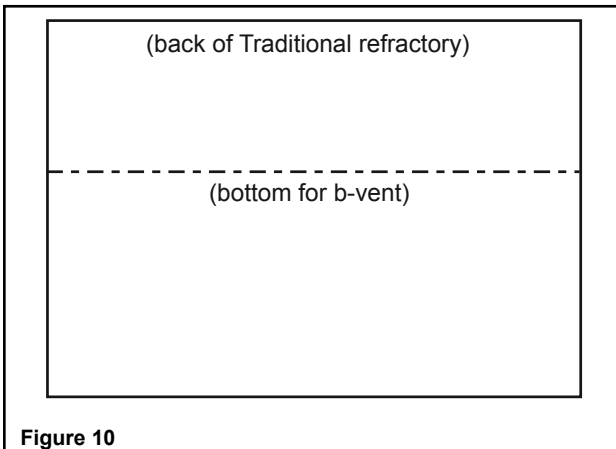


Figure 10

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