



Hearth & Home Technologies Inc.
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INSTALLATION INSTRUCTIONS

REFRACTORIES FOR CB & CD SERIES

WTBC36BB and WTBC42BB - B-vent Refractory

WTBC36DB and WTBC42DB - Direct Vent Refractory

These refractories are intended for use with the Caliber CB Series B-Vent and CD Series Direct Vent gas appliances. Refer to the installation instructions supplied with the appliance for the correct accessories to be used. If you encounter any problems regarding code approvals or if you need clarification of the instructions contained here, contact your local distributor/dealer or the Heatilator Technical Services Department, Hearth & Home Technologies Inc., 1915 W. Saunders Street, Mt. Pleasant, IA 52641, phone 1-800-927-6841.

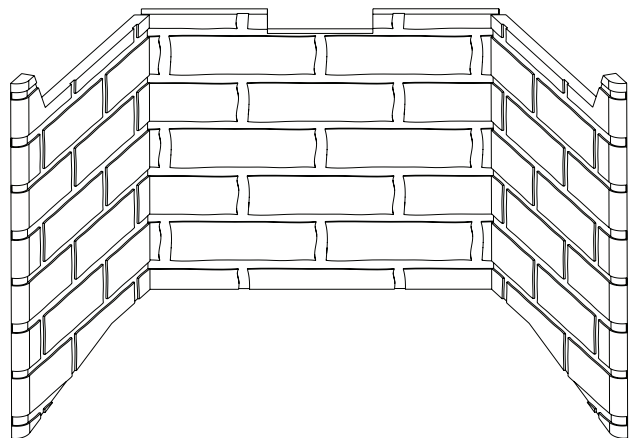
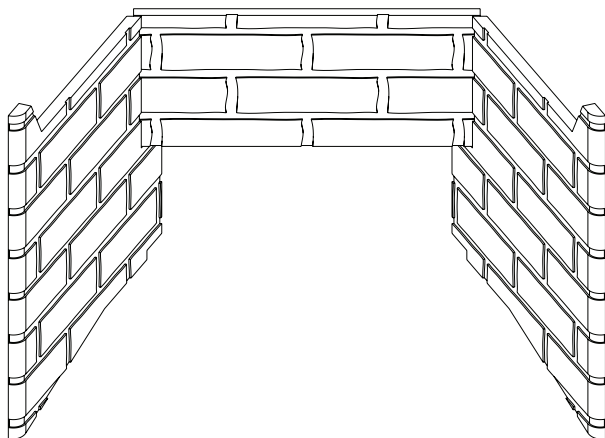
CAUTION:

Install this refractory only after the appliance has cooled and the gas and electricity have been shut off.

CAUTION:

Wear gloves and safety glasses for protection.

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



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.

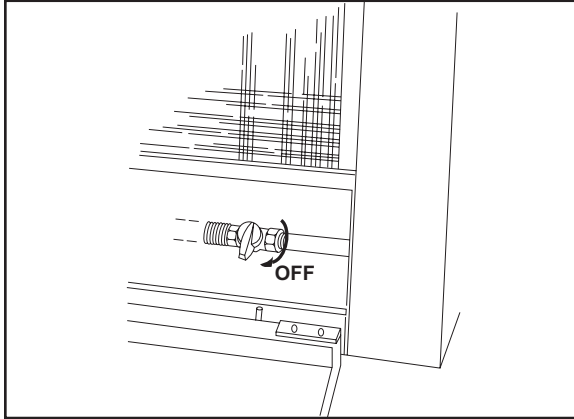


Figure 1 - Gas Shutoff Valve

2. Lift the two top logs off the log set. See Figure 2.
3. Remove the grate/log assembly by removing the two screws as shown in Figure 2. Lift and pull the grate/log assembly from the front of the firebox.

Remove four screws securing the rear log. See Figure 3. Lift rear log and remove from firebox.

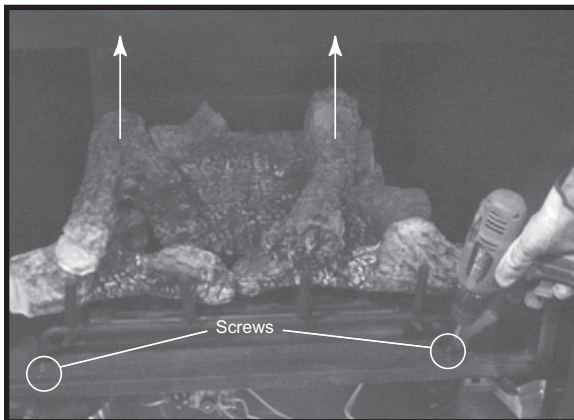


Figure 2 - Loosen Grate



Figure 3 - Remove Rear Log

4. Carefully install a side refractory. Tip the bottom edge into position, and swing the top up. This will hold the back refractory in place. See Figure 4.



Figure 4 - Tip Side Refractory

5. To secure the side refractory in place, remove the screw in the firebox side. Attach a refractory bracket (using the screw removed) to the firebox side. Leave screw loose until Step 7 to allow for adjusting. See Figure 5.



Figure 5 - Refractory Brackets

6. Direct Vent

Place the back refractory into position and slide the side edge of the back refractory behind the side refractory. This will hold the back refractory in place. See Figure 6.

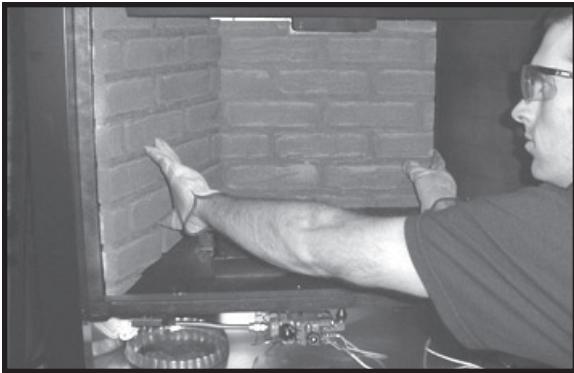


Figure 6 - Place Back Refractory-Direct Vent

7. Repeat Step 4 to install the other side refractory piece.
8. Adjust the back and sides so no gaps are visible in the corners where the pieces come together.
9. Tighten screws.
10. Reinstall the rear log, grate/log assembly, glass panel assembly and screen.
11. Restore power and gas flow. Your refractory installation is now complete.

B-Vent

Place the back refractory into position and slide the side edge of the back refractory behind the side refractory. Hold the back refractory in place until the second side refractory is installed. See Figure 7.



Figure 7 - Place Back Refractory-B-Vent

