



Models:
**DG3 Thermally Activated
Automatic Damper**



The DG3 damper has been tested in accordance with ANSI standard **Z21.66-1966** in the United States and with the current **CGA 6.14-M96** in Canada, and has been listed by Underwriters Laboratories Inc. for installation as described in these instructions. All components are UL, AGA, CGA or CSA safety certified. If you need clarification of any of the instructions contained her, contact the Heatilator Technical Services Department at 1-800-927-6841.

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

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

Tools Needed Safety Gloves #8 Phillips Screwdriver

A. General Information

- This device must be installed by a qualified installing agency.
- This device is intended for use with RBV4236 and RBV4842 Series appliances or the GGB36 and GGB42 Series appliances only and must be installed only on an appliance connected to a factory built chimney or vent complying with a recognized standard.
- This device must be located in a venting system serving only the single appliance for which it is installed.
- This device must be installed in accordance with local codes, or in the absence of local codes, in accordance with the **National Fuel Gas Code, ANSI Z23.1**, or the **Natural Gas Installation Code, CAN/CGA B149.1**, or the **Propane Installation Code, CAN/CGA B149.2**, where applicable.

B. DG3 Operating Characteristics

The DG3 is a thermally activated automatic damper device.

- When at room temperature, the damper will have slight spring pressure keeping it in a closed position.
- When placed in a heat source (i.e., when the appliance is turned on), the damper will open as the thermally activated spring heats.

C. Installation Instructions

- Shut off the manual gas shutoff valve, turn the appliance to “OFF” and allow it to cool before proceeding.
- Remove log assembly: Have a copy of the appliance installation instructions for proper removal and replacement of the logs.
- Remove the draft hood attached to the firebox top by removing the screws securing it in place. See Figure 1.

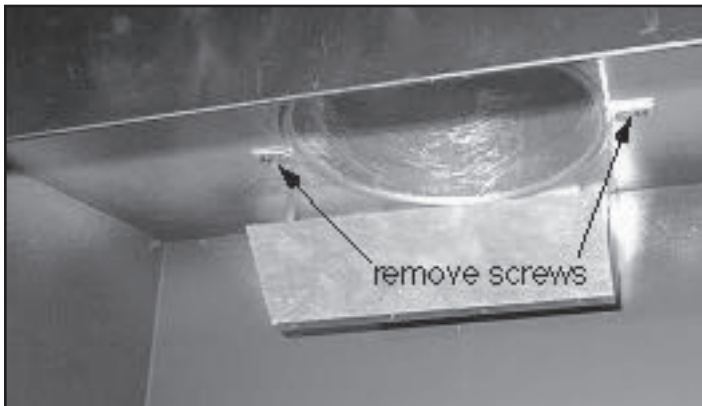


Figure 1 Remove Draft Hood

- Remove the damper from the package and inspect for visible damage. Check that damper blade moves freely and does not scrape or bind on any of the damper components.
- The damper is to be installed with the flow direction arrow facing up toward the vent system. The damper legs will be at the bottom of the damper.
- From inside the appliance, gently push the damper into the appliance collar until the support legs are flush with the firebox top. See Figure 2.

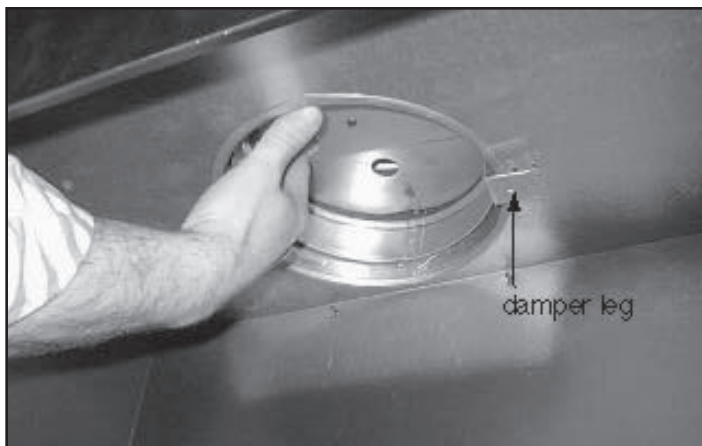


Figure 2 Install Damper

- The damper should be oriented so that the holes located in the damper legs align with the holes in the firebox top. Refer to Figure 3.

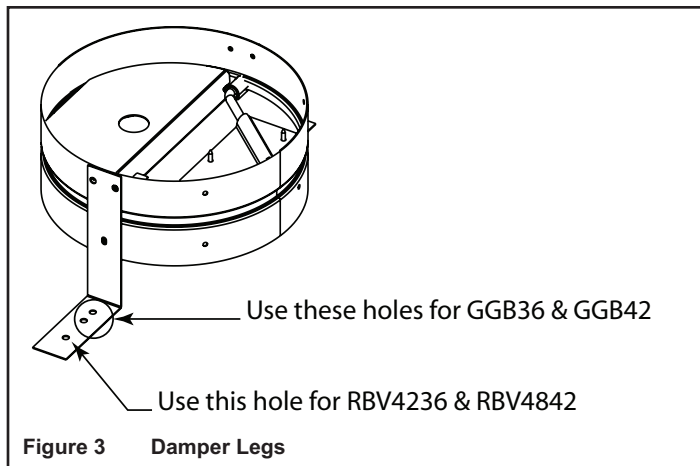


Figure 3 Damper Legs

- The draft hood is to be installed upstream of the damper as close as possible to the damper without modification to the draft hood. Position the draft hood by aligning the holes in the support legs of the draft hood with the holes in the damper support legs and in the firebox top. Secure the parts with the screws removed earlier. See Figure 4.

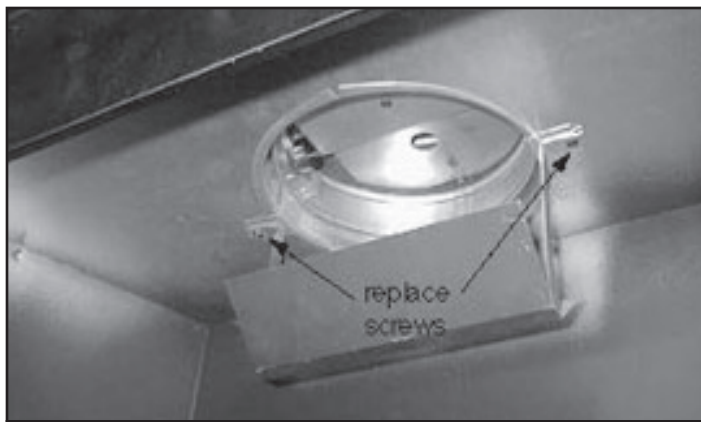


Figure 4 Attach Damper and Draft Hood

- With the damper installed, check that the damper mechanism moves freely and does not bind or scrape.
- Replace the log assembly following instructions found in the appliance's installation instructions.
- Open the manual gas shutoff valve and light the appliance following the lighting instructions found in the appliance's installation instructions.
- As the appliance heats, visually check that the damper opens. It will take approximately 3-4 minutes for the spring to reach normal operating temperature and the damper to reach a fully open position.

D. Venting Inspection

- The appliance venting system and the damper device should be inspected prior to use and at least annually by a qualified field service technician. To ensure that the flow of combustion air and ventilation air are not obstructed. Particular attention should be given to any deterioration of the damper or venting system due to corrosion or other sources of damage.