

Models:
LDS-BV
Decorative Shroud



For B-Vent Gas



*For Wood Fireplaces and
Direct Vent Gas Appliances*

This Decorative Shroud has been tested and listed for use with all Hearth & Home Technologies Inc.

Direct Vent Vertical Termination Caps

3-6 in. diameter Type B Gas Vent systems (Simpson Duravent/Model GV & Selkirk Metalbestos/Model RV)
Woodburning Termination Caps (all models except the TS345 require a TR-TVK)

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 the Technical Services Dept., Hearth & Home Technologies Inc., phone 1-800-927-6841 or 1-888-427-3973.

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

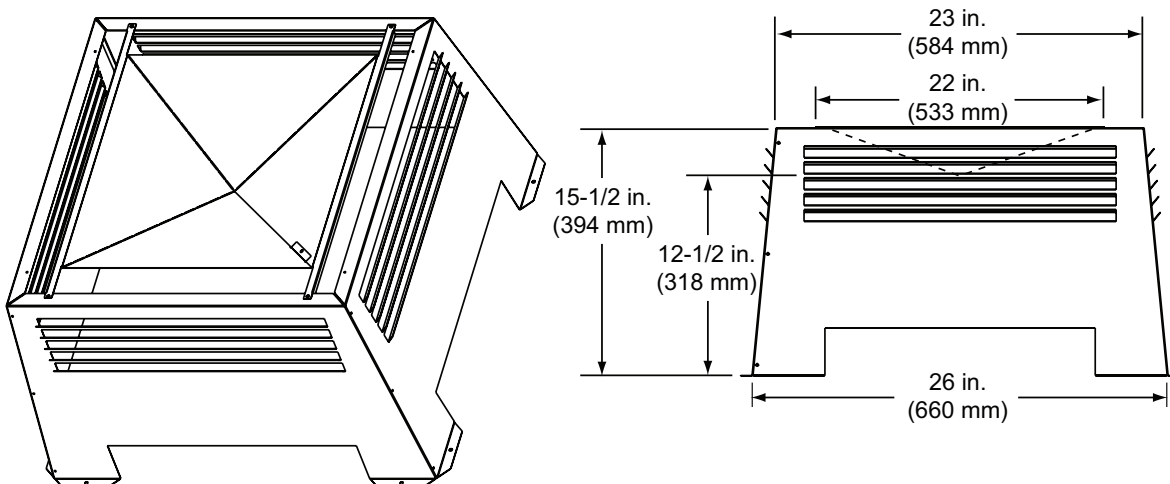
CAUTION



Sharp Edges

- Wear protective gloves and safety glasses during installation.





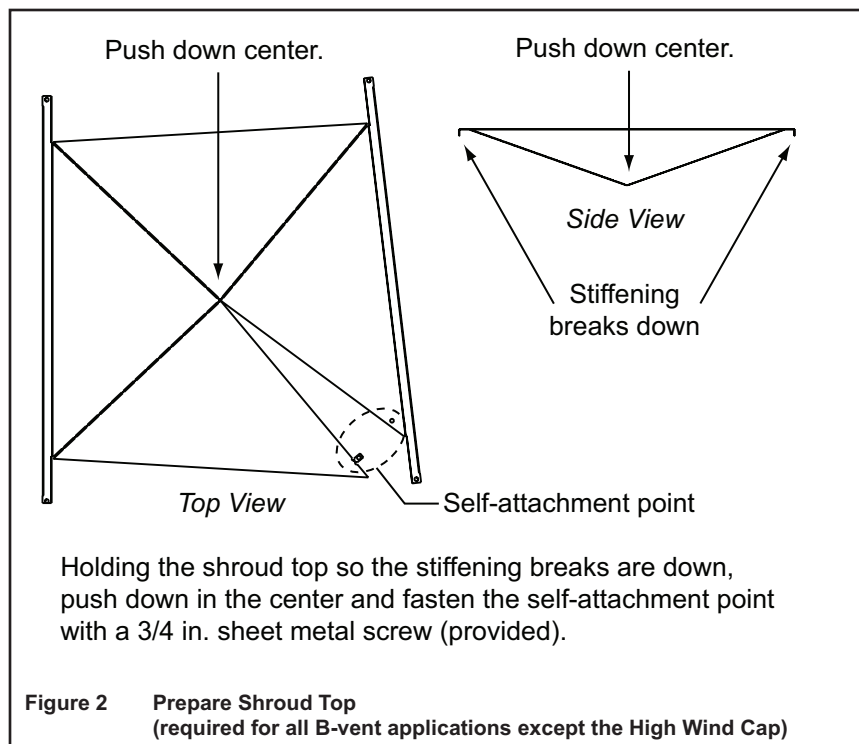
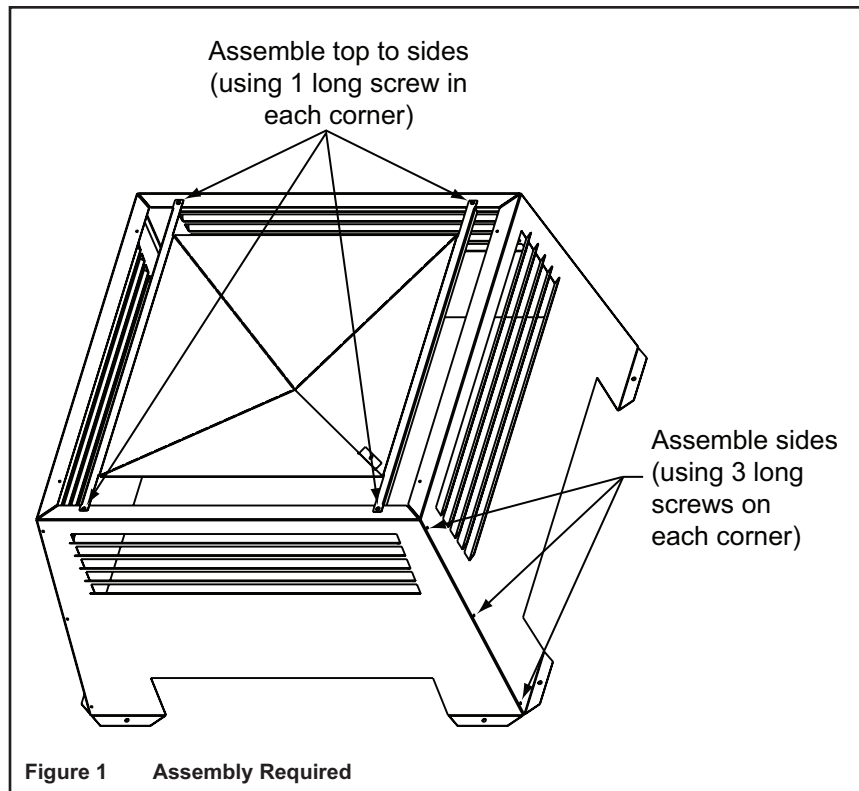
LDS-BV

A. Shroud Assembly

- Assemble the four sides of the shroud using twelve 3/4 in. sheet metal screws (provided). See Figure 1.

Note: The following shroud top assembly instructions are not used for woodburning fireplace termination caps, direct vent termination caps or the B-vent High Wind Cap installation. The shroud top **is required** for all other B-vent installations.

- Hand-bend the shroud top into shape by pushing down on the center. Use one 3/4 in. sheet metal screw (provided) at the self-attachment point. See Figure 2.
- Attach the shroud top to the shroud sides using four 3/4 in. sheet metal screws (provided). See Figure 1.



B. Chimney/Chase Top

The chimney must extend at least three feet above the highest point where it passes through the roof and at least two feet above any portion of the building within ten feet. These minimum distances comply with national code construction requirements.

Note: The B-vent cap must be installed a minimum of 6 in. above the chase top. See Figure 5.

Note: The direct vent cap must be installed a minimum of 8 in. above the chase top. See Figure 7.

Note: The wood chimney termination cap must be installed a minimum of 6 in. above the chase top.

- Minimum chase top dimension required is 23 in. x 23 in.
- The collar on the chase top must be 1/2 in. diameter larger than the outside diameter of the pipe.

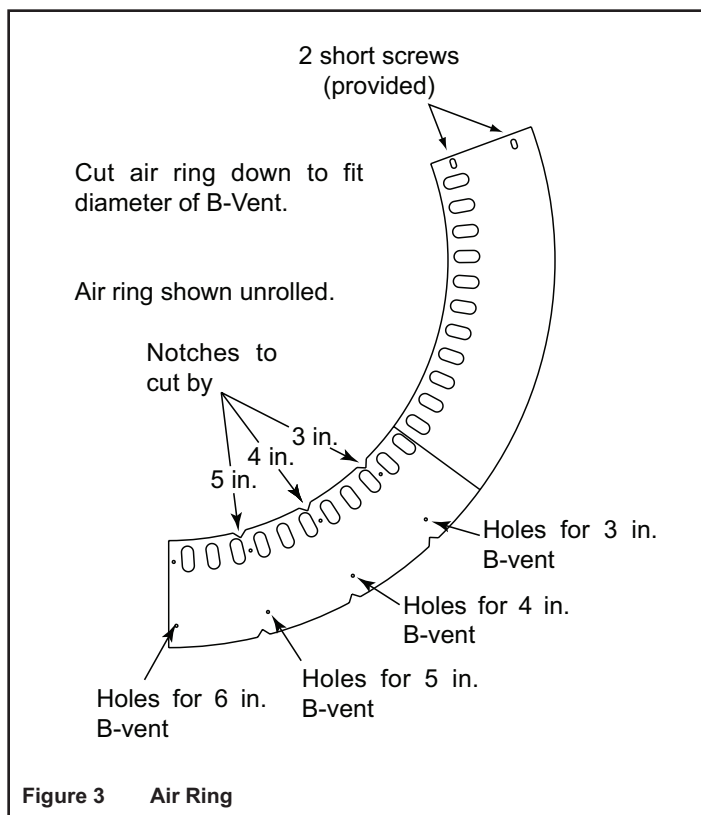
Example: 6 in. B-vent pipe is 6-1/2 in. outside diameter so the collar opening should be 7 in. You could add or bend 1/4 in. spacers to the collar to help keep the pipe centered.

C. Install the Shroud

B-Vent Pipe

- If using 6 in. B-vent, screw the air ring together using the first set of holes (see Figure 3). For 3 in., 4 in., or 5 in. B-vent, cut off the excess overlay, then screw together in the holes provided.
- After adjusting the air ring to fit the pipe, slide it down over the pipe to cover the chase top collar and set on the chase top. See Figure 4.

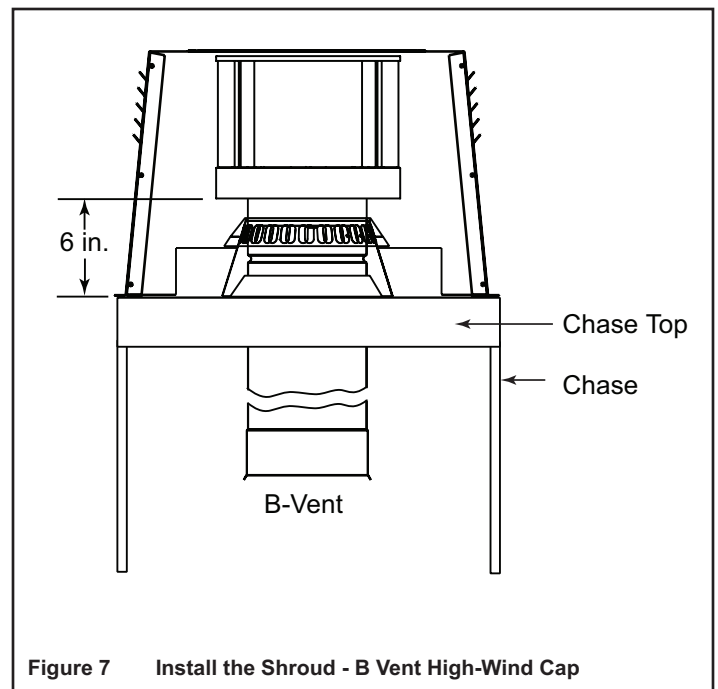
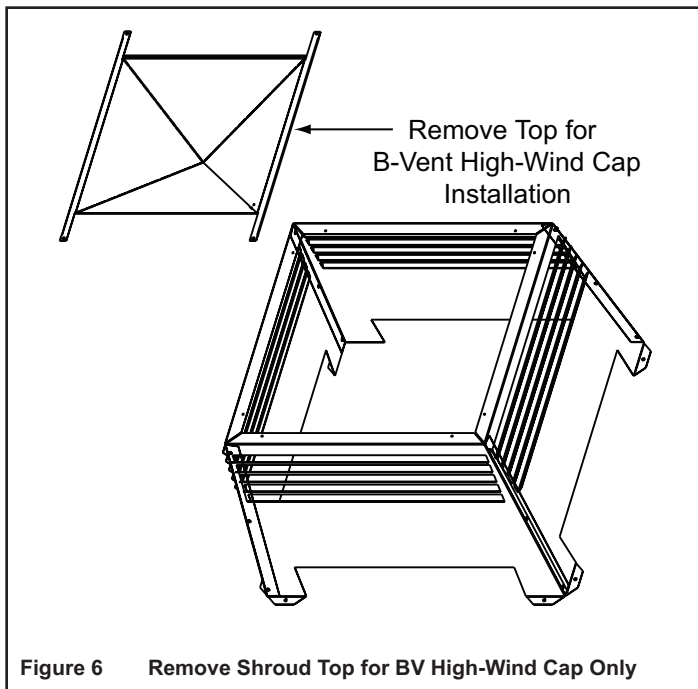
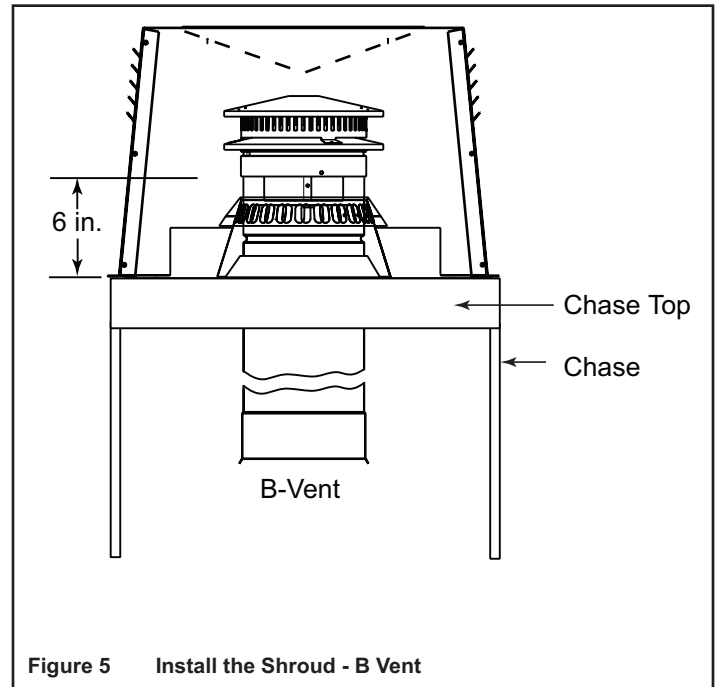
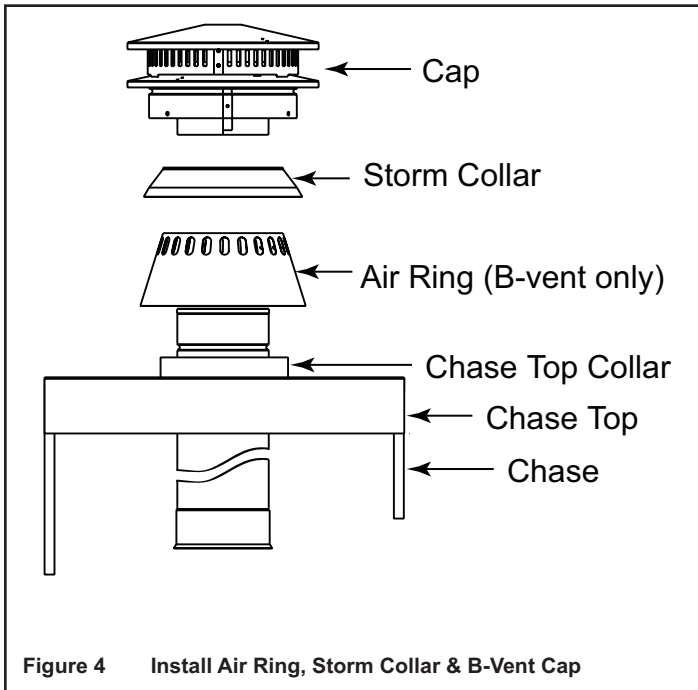
Note: The chase top must have structural support under it to support and provide anchor points for the shroud.



- Install the storm collar and B-vent cap. See Figure 4. (Caulk around the top of the storm collar.)

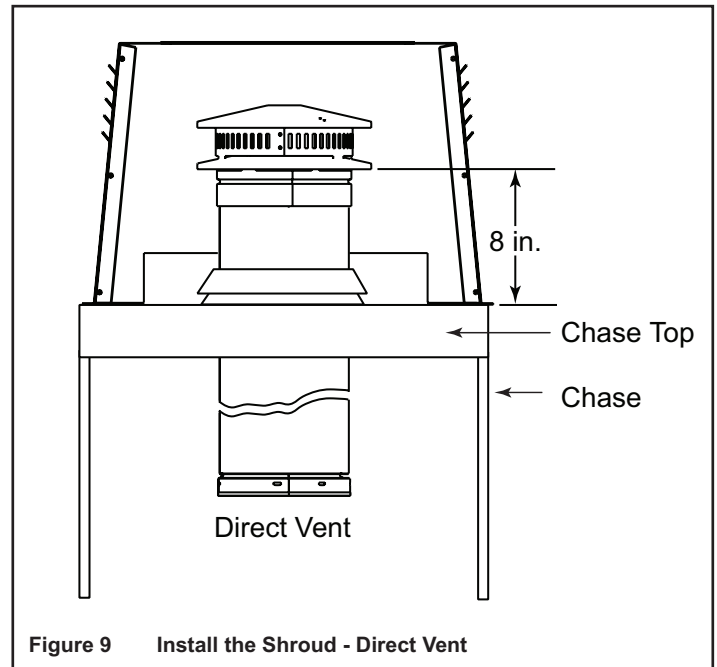
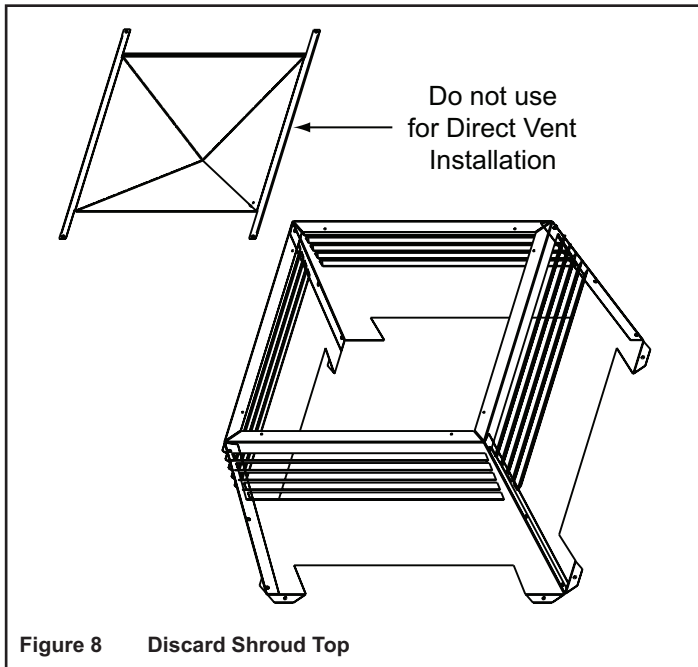
Note: If installing a B-vent High-Wind Cap you must remove the shroud top. See Figure 6.

- Center the shroud over the termination allowing the legs to attach to the side or top of the chase top (Figures 5 & 7).
- Secure the shroud to the chase and caulk anywhere a leak may occur.



Direct Vent Pipe

- Discard shroud top. See Figure 8.
- Center the shroud over the termination allowing the legs to attach to the side or top of the chase (Figure 9).
- Secure the shroud and caulk anywhere a leak may occur.



Wood Terminations

The LDS-BV shroud can be installed over a TS345 termination cap. When installed over a TR342, TR344, TR11 or TR11T termination cap, a TR-TVK must be installed.

- Discard shroud top.
- Center the shroud over the termination cap allowing the legs to attach to the side or top of the chase top.
- Secure the shroud to the chase and caulk anywhere a leak may occur.