

# SLP-LPC

## Installation & Operating Instructions



Leave this manual with party responsible for use and operation.

### **CAUTION! Do not install damaged components.**

The Low Profile Cap (LPC) is NOT approved for all Hearth & Home Technologies fireplace models. 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.hearthnhome.com](http://www.hearthnhome.com).

### **NOTICE! The SLP-LPC can only be used with the PVI-SLP**

**CAUTION! Risk of Cuts, Abrasions or Flying Debris.** Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

### SLP-LPC Preparation

1. Construct a framework as shown in Figure 1. Framework material should be the same dimensions as the material used for the wall framing. The dimensions of the box must be 13-5/8 inches high by 12-1/2 inches wide.
2. Cut a 13 5/8 inches high by 12-1/2 inches wide opening into the exterior of the house. Stay inside of the newly installed framing as shown in Figure 1.
3. Paint:
  - The SLP-LPC may be painted to a desired color, as long as the paint selected has sufficient temperature and environmental ratings. Contact your Hearth & Home Technologies dealer to order the recommended paint for this application.
  - Thoroughly clean termination cap prior to painting with a vinegar and water solution. Rinse with water and allow to dry completely.
  - Caps may be field-painted and cured up to 400 degrees Fahrenheit (204°C).
  - Certain areas of the cap surface may reach up to 600 degrees Fahrenheit (316°C). Paints selected should have sufficient temperature ratings.
  - Cap contains silicone sealant which could affect adherence of paint. Please advise local painter of silicone content.

**NOTICE:** For installations with finishing materials LESS than 1" thick continue to step 4.

**NOTICE:** For installations with finishing materials MORE than 1" thick skip to step 6. A LPC-BEK kit will be needed. Order with the appliance and venting system.

**NOTICE:** For installation onto a glass surface, an LPC-GSK kit is needed. Order with the appliance and venting system. There is a special section for glass installation on page 4.

4. Apply a bead of high temperature silicone around the entire metal flange, as shown in Figure 2 with the dotted line on the seam that runs through mounting holes.
5. Place LPC into opening and secure to wall at the eight hole locations shown in Figure 3. It should look similar to Figure 3 when finished. After LPC has been secured in place, apply high temperature silicone around the entire edge of the LPC. See dotted line in Figure 3. Place cover onto cap and secure with fastener. Once cover is secure, installation is finished. Finishing material, LESS than one inch thick, can then be applied to the wall up to the edge of the cap as shown in Figure 4.

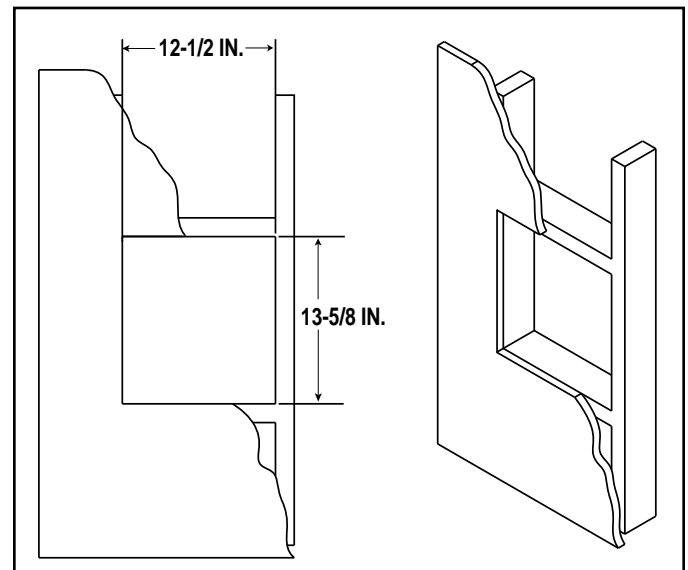


Figure 1. Framing Dimensions

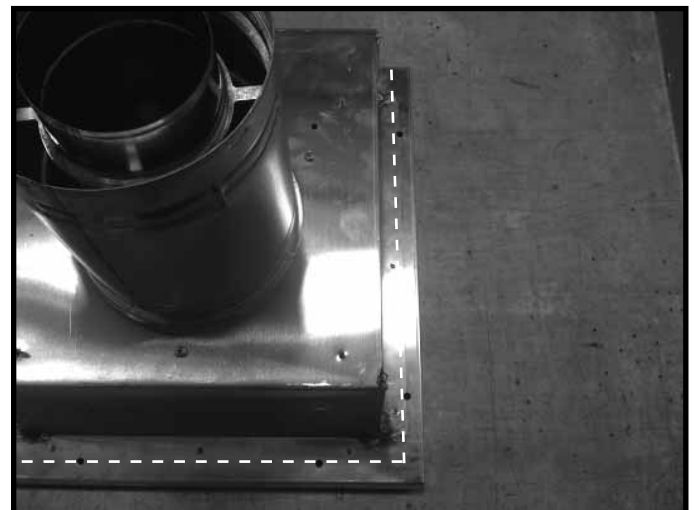


Figure 2. High Temperature Silicone

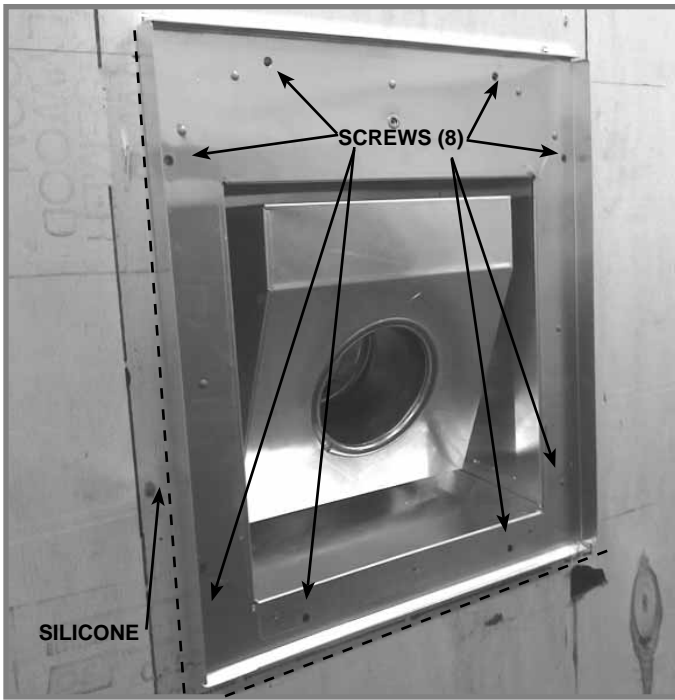


Figure 3. SLP-LPC Attached to Framing



Figure 4. Finished Installation

### Installation with Finishing Materials Greater than 1 Inch in Thickness:

**Note:** A LPC-BEK kit will be needed for installations with exterior finishing materials greater than 1" thick. Order with the appliance and venting system. It will be used to ensure that the finishing is done to the appropriate size for the low profile cap (LPC) to be installed properly.

6. Assemble the LPC-BEK kit. Bend the two sections of the LPC-BEK kit as shown in Figure 5.
7. Use the supplied screws to assemble the box as shown in Figure 6. The return bend on section A should be located on the outside of section B.
8. Place assembled box over the framed opening in the wall with outside flanges oriented vertically and held tight to the building exterior. See Figure 7.

9. Drive two of the supplied screws through opposite ends of the two outer flanges. This will secure the LPC-BEK extension box to the building and allow for squaring of the LPC-BEK. See Figure 7.
10. Seal all corners, joints and bend lines with high temperature silicone caulk. Ensure all gaps and holes are filled so a sealed envelope is formed.
11. If finishing material extends past the cap extension box (BEK) more than one inch, an additional BEK is required. Cap extension boxes may be stacked for thicker wall applications:
  - Attach first box to the wall.
  - Assemble second box.
  - Bend the two outside flanges of the second box around to the inside of the box.
  - Secure the second box to the first using four #8 x 1/2 sheet metal screws.

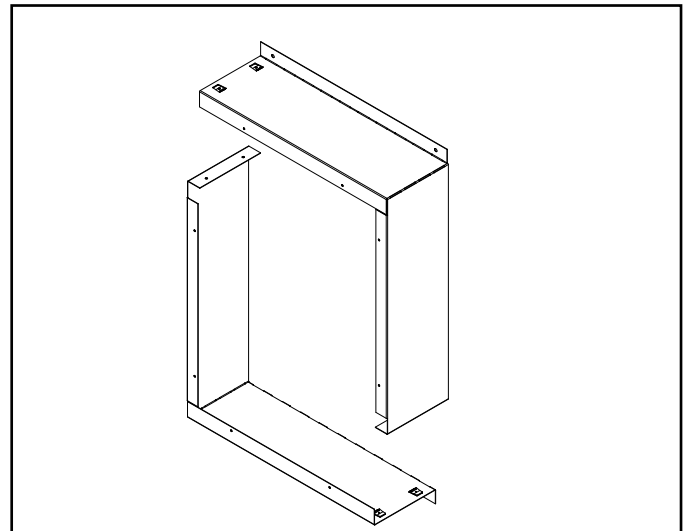


Figure 5. Bend BEK Sections

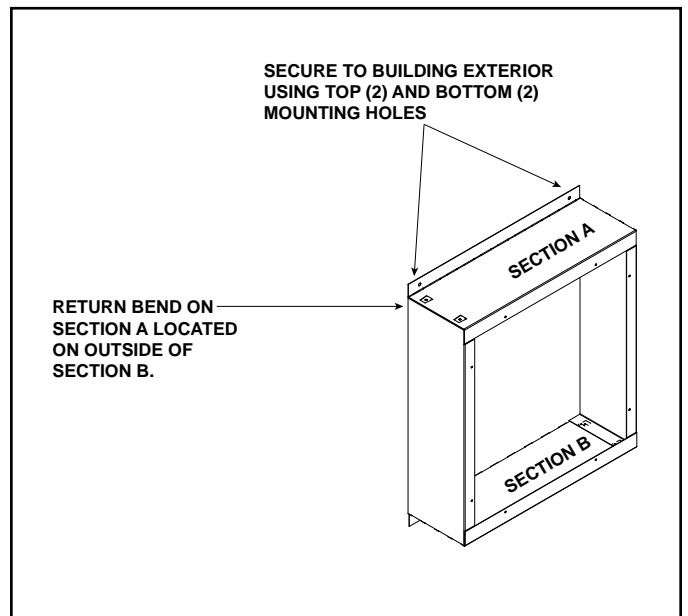


Figure 6. BEK Assembled

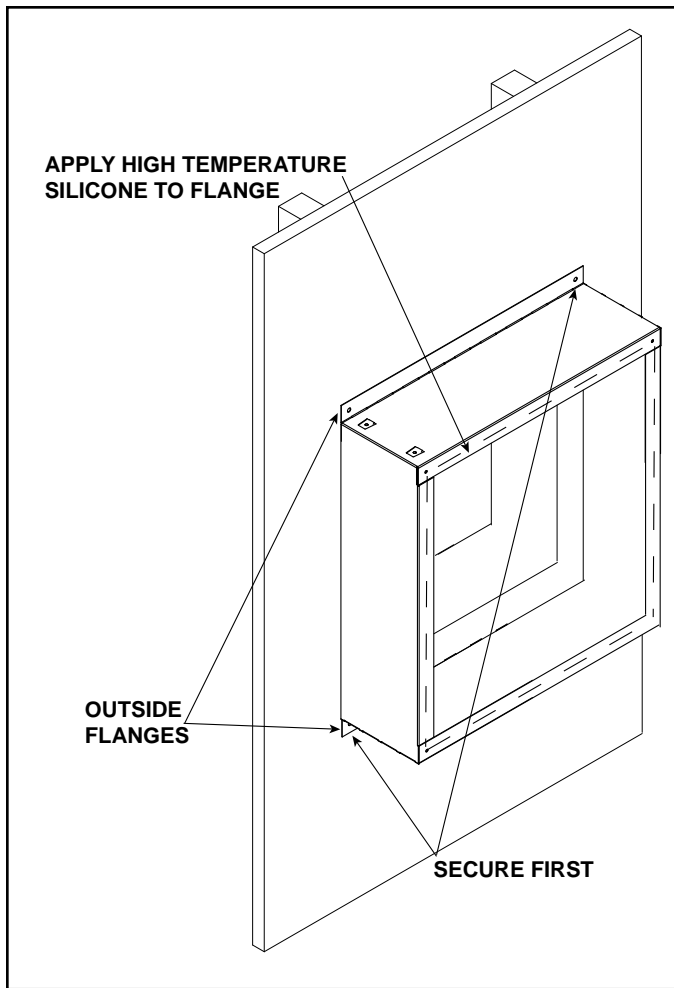


Figure 7. LPC-BEK Attached to Wall

**NOTICE:** It is imperative that the LPC-BEK kit be installed squarely or the LPC may not fit into opening left once finishing has occurred. Also care should be taken to ensure that LPC-BEK is secured flat to wall.

12. The wall is now ready to be finished. Finishing materials such as stone, marble or brick can then be applied up to the flanges of the LPC-BEK that protrude perpendicular to the wall. This will ensure that the cap will fit into the opening after finishing has been completed.

**NOTICE:** Outside flanges of the LPC-BEK must not have any pressure on them from the finishing materials. This could cause the opening left after finishing to be too small.

13. After LPC-BEK has been installed and the finishing of the wall has taken place, apply a bead of high temperature silicone to the LPC-BEK around the entire metal flange, as shown in Figure 7 with the dotted line.

14. Apply a bead of high temperature silicone around the entire metal flange of the LPC. See Figure 2. Align with LPC-BEK as shown in Figure 8. Ensure cap is level and square, then secure LPC to BEK-LPC as shown in Figure 9.

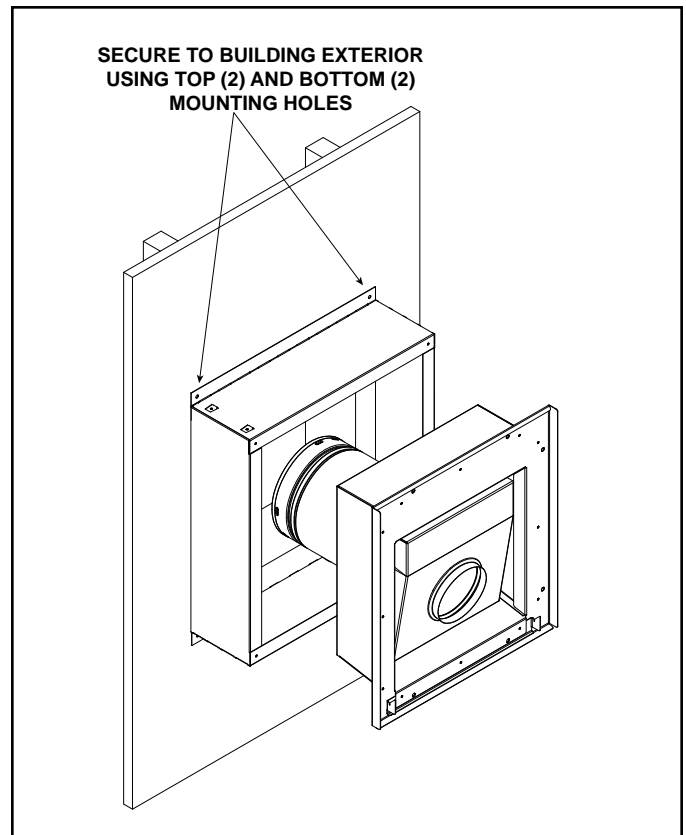


Figure 8. SLP-LPC Attached to LPC-BEK

15. After the LPC has been secured to the LPC-BEK, high temperature silicone should be applied around outer edge of LPC where it meets the building exterior. High temperature silicone should also be applied where LPC-BEK and SLP-LPC meet, as shown in Figure 9.

16. Place decorative cover onto cap using j-hooks and fastener. Once cover has been secured, installation is complete.

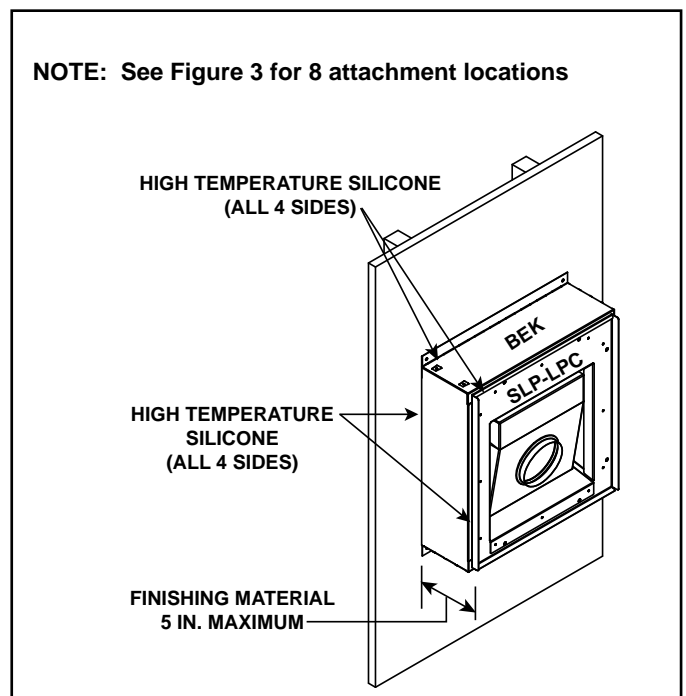


Figure 9. High Temperature Silicone Weatherproofing

## LPC-GSK Kit Installation

**Note:** For installation onto a glass surface a LPC-GSK kit will need to be ordered with appliance and venting system.

1. Prior to installation, an opening must be cut into glass as shown. Check the height and width of the opening to make sure that they match the dimensions in Figure 10.
2. Figure 12 shows the hardware components of the LPC-GSK kit. Assemble the hardware onto the LPC as shown in Figure 13. Letters labelled on components in Figure 13 correspond to those in Figure 12.
3. Peel backing off the gasket provided with LPC-GSK kit and place on the backside of LPC outer flange. Then apply a bead of high temp silicone onto the gasket as shown in Figure 11.
4. With gasket, silicone, and bolts installed on cap, line up bolts on the cap and holes in the back plate. See Figure 13. Use provided nuts to secure cap and back plate together. Fasten nuts against the back plate. Do not overtighten.

**WARNING! Risk of Injury! DO NOT use excessive force to secure nuts to glass. Glass may break.**

5. After the LPC has been secured to building, high temperature silicone should be applied around outer edge of LPC where it meets the building, as shown by the dotted lines in Figure 13.
6. Place decorative cover onto cap using J-hooks and fastener. Once cover has been secured, installation is complete.



Figure 11. Silicone Application

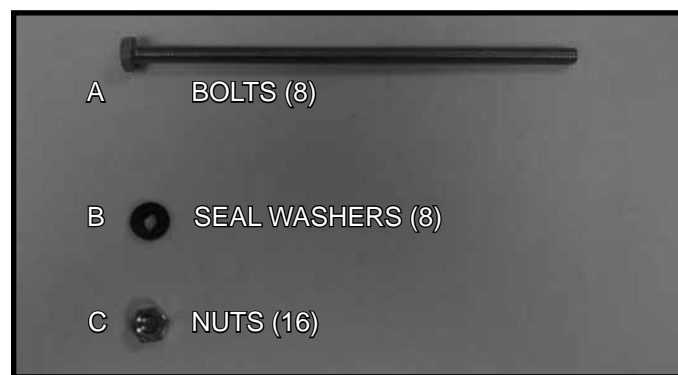


Figure 12. LPC-GSK Hardware

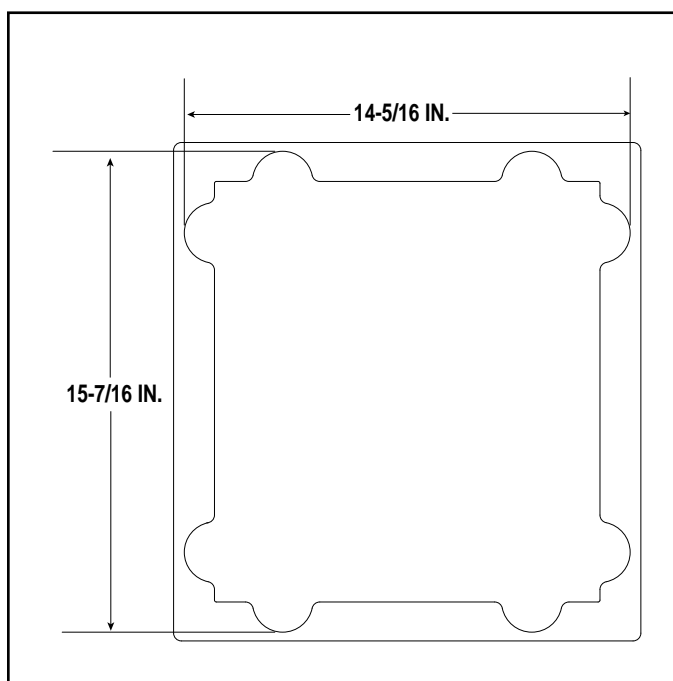


Figure 10. Template with LPC-GSK Dimensions

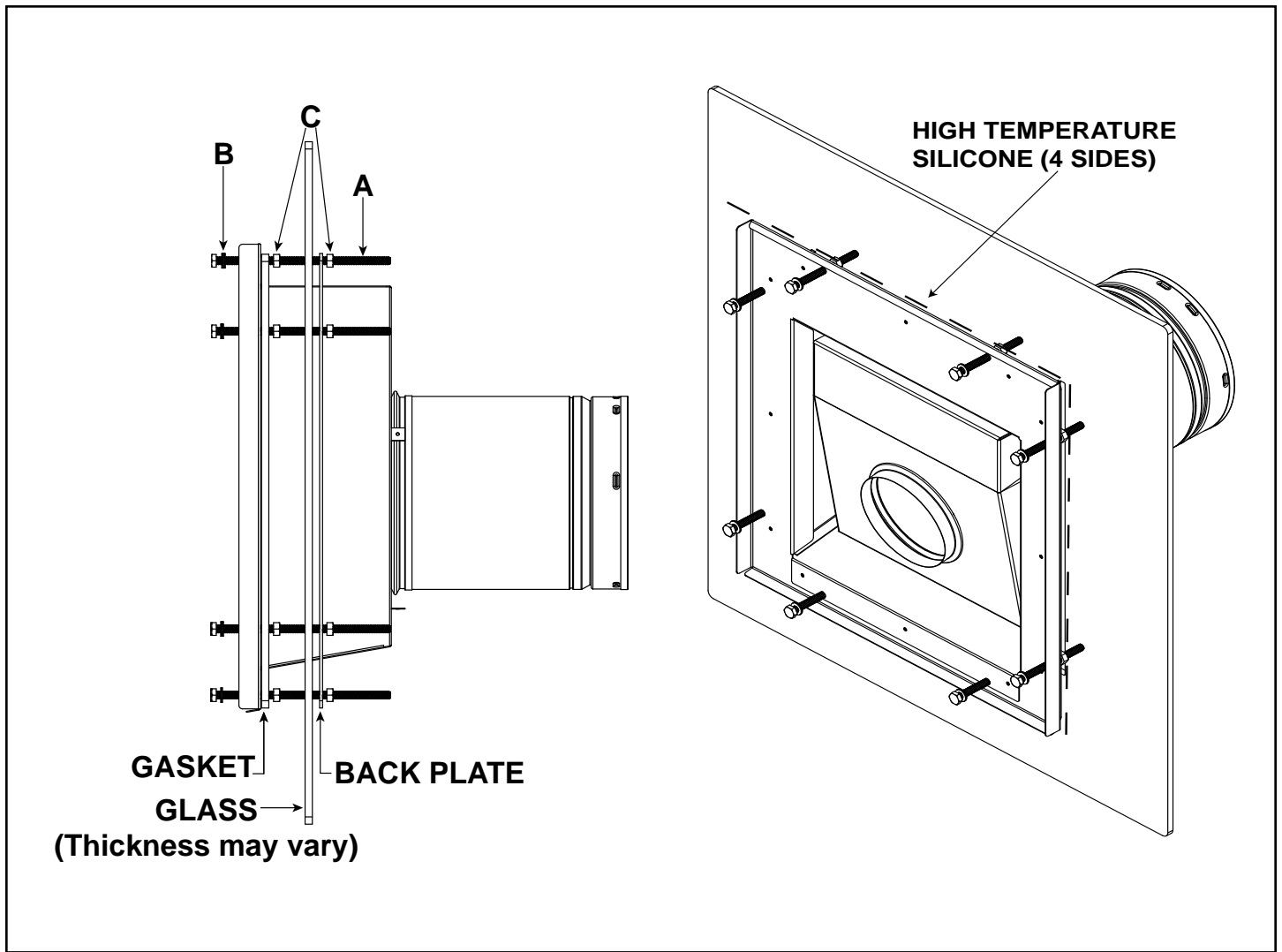


Figure 13. SLP-LPC and LPC-GSK Installation

Please contact your Hearth & Home Technologies dealer with any questions or concerns.  
 For the location of your nearest  
 Hearth & Home Technologies dealer,  
 please visit [www.fireside.com](http://www.fireside.com).