

Chimney Maintenance

Regular chimney inspection and maintenance combined with proper operation will prevent chimney fires. Keep your chimney clean. Do not allow more than 1/16" (1.6 mm) creosote build up in your chimney. The amount of creosote will depend on variables such as frequency of use and type of fire. We recommend that you:

- A. Initially inspect the chimney system weekly. From this, you will learn how often it will be necessary to clean your chimney.
- B. Have your chimney cleaned by a qualified chimney sweep. If you wish to clean it yourself, we recommend using a stiff plastic or non-metallic brush. If a metal brush is used, its size should be slightly smaller than the flue to avoid damaging the chimney. Do not use a brush that will scratch the stainless steel interior of the chimney.
- C. Do not expect chemical cleaners to keep your chimney clean. The rain cap can be removed for inspection and/or cleaning of the chimney.

Caution: It is necessary to remove the deflector from the top of the firebox before cleaning the chimney.

Dealing With a Chimney Fire

Regular chimney maintenance and inspection can prevent chimney fires. If you have a chimney fire, follow these steps:

1. **IMPORTANT:** Close the fireplace door and the combustion air controls; this will stifle the fire.
2. Alert your family of the possible danger.
3. If you require assistance, alert your fire department.
4. If possible, use a dry chemical fire extinguisher, baking soda or sand to control the fire. Do not use water as it may cause a dangerous steam explosion.
5. Ensure that sparks and hot embers coming out of the chimney are not igniting the roof.
6. Do not use the fireplace again until your chimney and fireplace have been inspected by a qualified chimney sweep or a fire department inspector.

Door Frame Finish Care

Use a glass cleaner and a soft cloth to polish the casing. Do not use abrasives such as steel wool, steel pads or an abrasive polish for they may scratch the frame's finish.

DISPOSING OF ASHES

Note: For better performances, we recommend leaving 1/2 inch of ashes in the firebox.

Remove ashes only when the fire is out and the ashes are cold (24 to 48 hours after the fire is out).

Do not leave the ashes in the house as they give off carbon monoxide and other toxic gases.



WARNING

Disposal of Ashes: Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.

REFRACTORY REPLACEMENT

The intense heat of the fire will normally cause hairline cracks in the refractory brick. These cracks can be minimized by proper curing as described in section *First Fires*. They will not normally diminish the effectiveness of the refractory brick. If large cracks develop, then the refractory should be replaced. To replace the refractory bricks, follow these steps:

1. Remove the side refractory brackets (6)
2. Remove the front refractory bricks (3)
3. Remove the bottom refractory brick (4)
4. Remove the left side refractory bricks (5)
5. Remove the right side refractory bricks (2)
6. Remove the back refractory brick (1)
7. Remove the deflectors (7) above the tubes (Can be removed without removing other bricks for chimney cleaning)

To install the new refractory bricks, follow the above steps in reverse.

DOOR INSTALLATION

The doors must be put in place only when the installation of the BIST™ Tradition fireplace is completed. All you have to do is fit the male part of the hinge, already on the door, to the female part, which is on the fireplace. To remove the doors, simply pull them up from the hinges. The door adjustment has been set at the factory. If the fit is still not perfect, you can adjust the door using the hinge screws (See *Figure 7-1*)

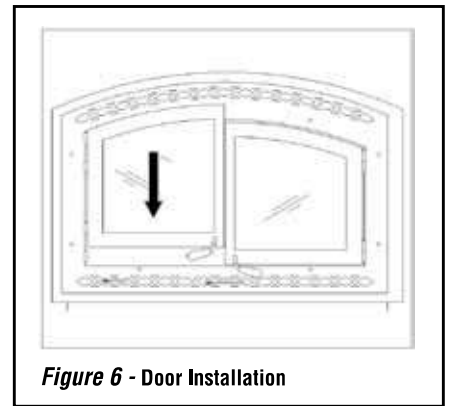


Figure 6 - Door Installation

DOOR ADJUSTMENT

The doors may need to be adjusted to be completely airtight. The gaskets' air-tightness can be adjusted using the adjustment screw located on the right side of the fireplace facade (An Allen key #1/8 – not supplied – will be necessary for this adjustment) (see *Figure 7-2*).

Checking Door Seal

A one-inch strip of paper may be used to perform a test of the integrity of the door seal. Close the door on the paper in at least eight points. It is normal to feel only a slight amount of friction. The door gasket does not need to be "tight" in all areas, since a small amount of leakage is not hazardous or detrimental to the performance of your fireplace.

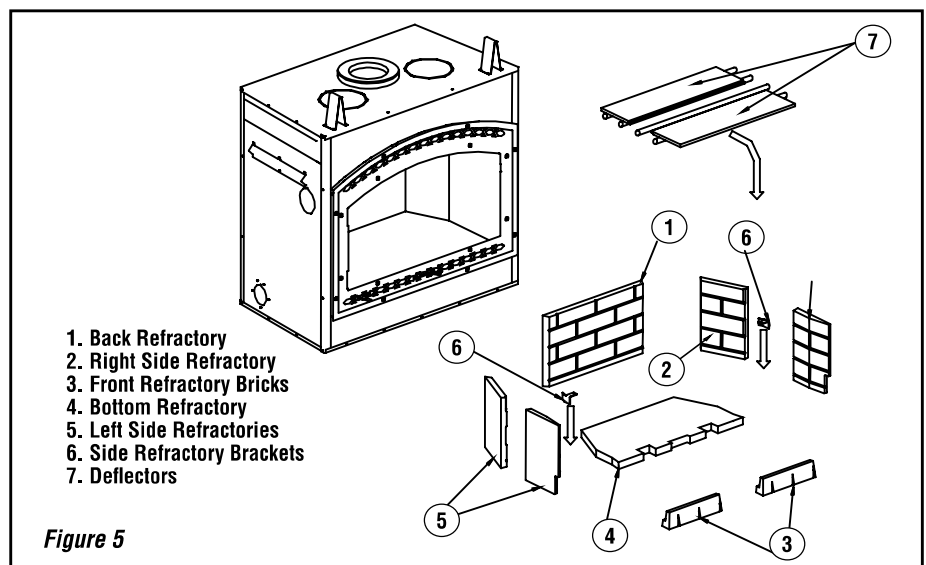


Figure 5