

19. ROUTINE MAINTENANCE

Before performing any maintenance, turn the gas control knob to the “off” position. This will extinguish both the fire and the pilot flame. Wait until the Fireplace is cold before cleaning.

CLEANING THE EXTERIOR CAST IRON OR SOAPSTONE

The metal and soapstone exterior of the Cottage Franklin Gas Stove may be cleaned with a damp cloth. Any scratches on the soapstone surface may be removed with number 000 or 0000 steel wool. If you polish the surface of the soapstone, remove the dust with a vacuum cleaner rather than a damp cloth.

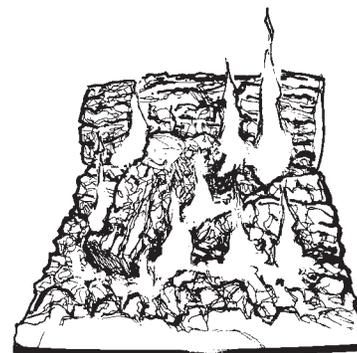


Illustration 19.1 *When the burner is clean and the Fireplace is operating properly, the flame pattern will look approximately like the drawing above.*

CHECK THE PILOT FLAME AND GAS LOG FLAMES PERIODICALLY

The flame pattern should resemble the pattern in diagram 19.1. One of the pilot flames should hit the thermocouple and the middle flame should angle up toward the main burner pan at the right front corner. Black carbon deposits on the logset are common, especially in LP burning stoves. Excessive loose build-up may have an impact on flame appearance. See “Cleaning the inside of the firebox” for cleaning instructions.

CLEANING THE GLASS

Do not clean the glass when it is hot. Always allow it to cool to room temperature.

It will be necessary to clean the ceramic glass occasionally. It is normal for condensation to form on the inside of the glass during a cold start-up. Sometimes dust or lint clings to the condensation. Residue from the initial paint curing inside the firebox can also leave a residue on the inside of the glass.

We recommend that you clean the glass after the first couple weeks of use. After the initial cleaning, the inside of the glass should require cleaning no more than once or twice a year.

To clean the glass, use a mild glass cleaner and a soft cloth. Do not use abrasive cleaners. Lift the front casting up, and pull the bottom of the casting out from the Fireplace. Remove the glass front by rotating the two spring loaded clips that hold the frame in place.

WARNING: Do not strike the glass front. Do not operate the Cottage Franklin Gas Stove with the glass front removed, cracked, or broken. Replacement of the glass front should be done by a licensed or qualified person. Do not use substitute

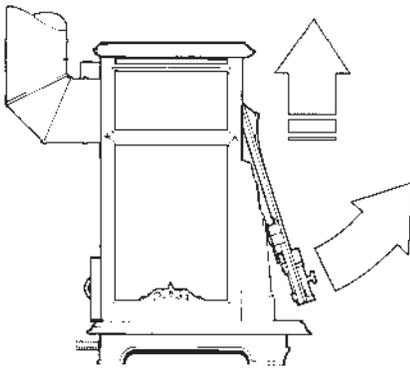


Illustration 19.2 To remove the front casting, lift straight up under the lip that extends over the top of the glass. This assembly includes the swinging door.

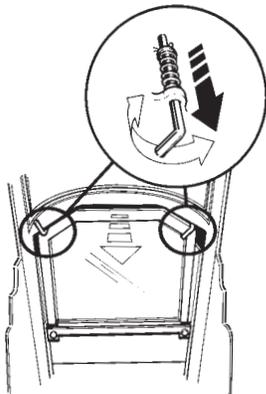


Illustration 19.3 The glass front is held in place by two spring-loaded clips. To release the clips, pull and twist.

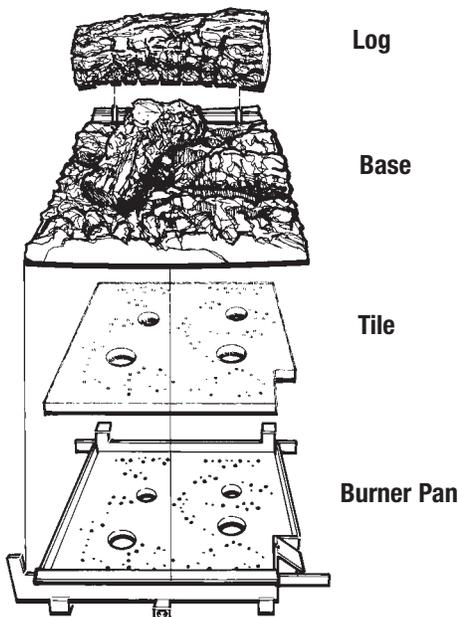


Illustration 19.4 . Ceramic tile and Logset are fragile. Please handle with care while installing and cleaning.

materials when replacing the front glass and frame assembly.

Use only the correct Woodstock Soapstone Company part #G-140E Robax Ceramic Glass/Frame Assembly.

If the ceramic front glass becomes cracked or damaged, follow the instructions below to remove the frame and damaged glass

INSTRUCTIONS TO REMOVE OR REPLACE GLASS FRONT:

The glass front on the Franklin Gas Stove consists of a fully gasketed piece of ceramic glass, fastened with refractory adhesive to a steel frame. To replace the glass front and frame:

- (1) Remove the front casting. Lift up the front casting, and swing the bottom out. (See illustration 19.2.)
- (2) Pull and twist 2 spring-loaded clips to release pressure on glass frame. (See illustration 19.3.)
- (3) Lift frame and glass out of Glass Window Retainer.
- (4) Insert new or replacement frame and glass into Glass Window retainer. The Glass Frame will line up with the edge of the Firebox Frame. Keep the edges properly aligned to achieve the best seal.
- (5) Pull and twist 2 spring-loaded clips to clamp glass frame in place. This will compress the gasketing all the way around the glass, making a tight seal between the glass front and the firebox.
- (6) Replace front casting. Slide top tab up under the top frame, and then swing the bottom in behind the arched retaining rail.

CLEANING THE INSIDE OF THE FIREBOX

The firebox should be cleaned annually. Follow these steps:

1. Turn off gas supply.
2. Remove glass front (See illustration 19.2.).
3. The logset and ceramic tile are extremely fragile and must be handled with care. A soft bristle brush may be used delicately to remove any dust or lint or loose black carbon deposits which may accumulate. Do not use a vacuum on the logset or tile. Remove both, then use a vacuum to clean the burner pan. (See illustration 19.4.)
4. Vacuum the inside of the firebox thoroughly.
5. Check that all gas ports are clear.
6. If glass needs cleaning, use regular glass cleaner or, for stubborn film, oven cleaner. Do not use abrasive cleaners. Never clean the glass when the glass is hot.
7. Replace log set and glass.

20. ANNUAL INSPECTION

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The Cottage Franklin Gas Stove and venting system should be inspected before use, *and at least annually by a qualified field service person* to ensure that the flow of combustion and ventilation air is not obstructed, the venting components are in good condition, and that the appliance is working properly.

The technician should inspect and ensure that the lighting of the main burner occurs within 4 seconds of the main gas valve opening. Visual inspection should match that outlined in Illustration 20.1.

The technician should also check all gas tubes, connections, pipes and other components for leaks.

Annual Burner and Pilot Inspection and Cleaning

A qualified service technician should clean the burner and pilot annually. In order to properly clean the burner and pilot assembly, you will have to turn off the gas supply to the appliance, and remove the front casting, the glass front, the log set and ceramic tile to expose the burner and pilot assembly.

Clean all foreign materials from the top of the burner and from the pilot assembly with a soft brush or vacuum cleaner. Remove any dust or lint. Check to be sure the burner and burner orifice are clean. If the pilot orifice becomes plugged, disassembly may be required.

The technician should check to be sure that the flame safety system works, and that the safety shutoff occurs within 30 seconds of flame failure.

Annual Vent System Inspection

During the annual servicing, a qualified technician should inspect the vent pipe to be sure that both the inside exhaust channel and the outside air intake channel are clean and free of obstructions. All parts should be checked for wear, corrosion, or deterioration. At the end of inspection the venting components should be reassembled and re-sealed according to the Simpson Dura-Vent instructions.

Annual Pressure Relief Lid Inspection

Visually inspect that the pressure relief lid located over the firebox. Physically lift upward on the pressure relief lid found at the top of the firebox to insure that it can move freely. Make sure it reseats properly when you release it.

Annual Glass Cleaning

Clean the glass window with a suitable fireplace glass cleaner. Abrasive cleaners must not be used. Be careful not to scratch the glass when cleaning.

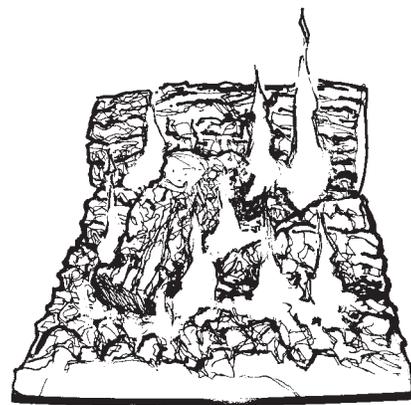


Illustration 20.1 When the burner is clean and the Fireplace is operating properly, the flame pattern will look approximately like the drawing above.