

OPTIONAL ACCESSORIES AVAILABLE

FAN KITS

FK24 Fan Assembly

This auxiliary fan system increases the efficiency of the circulation of the heating air.

The FK24 fan kit allows variable speed control of the circulation fan and also incorporates a heat sensor in the circuit.

Specifications

115 Volt / 60 Hz / 56 Watts

Maintenance

The fan itself does not require regular maintenance, however periodic cleaning of the fan and the surrounding area is required.

Check the area under the control door (lower louvre assembly) and in front of the fan and wipe or vacuum this area at least once a month during the operating season.

Installation

The fan assembly and other components are supplied fully wired eliminating the need for a licensed electrician to carry out the installation

If hard wiring the fan in using Method B (following) we strongly recommend the use of a licensed electrician.

1. Open the lower Louvre assembly. Maneuver the fan & bracket assembly around the gas valve and lines to locate the unit onto the screw studs on the back of the fireplace
2. Install the thermal sensor under the bottom of the firebox, locating it over the two 10 mm studs and secure it with nuts.
3. Locate the fan speed control unit. This can be fitted behind the lower louvre assembly as in Fig. 54 or located remotely in a conveniently located wall mounted electrical box. Remote location of the speed control will require suitable extension of the component wiring.
4. The power supply may be connected in 2 ways:

Method A

Route the 6' lead fitted to the unit to a conveniently located wall socket.

Method B

The EB1 receptacle box (Pt. # ZA1200) may be hard wired into the house supply. The fan lead is then plugged into the EB1 box.

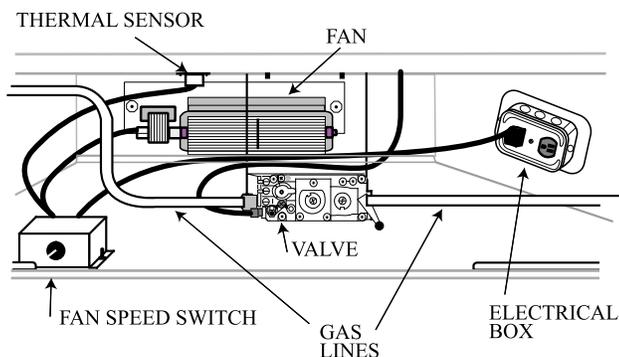


Fig. 54

FK12

This auxiliary fan system increases the efficiency of the circulation of the heating air.

The FK12 Fan Assembly is a fixed speed fan system and does not allow for variable speed control. It does not use the speed control unit or the heat sensor used in the FK24 Kit.

Specifications

115 Volts / 60 Hz / 56 Watts.

Maintenance

The fan itself does not require regular maintenance, however periodic cleaning of the fan and the surrounding area is required.

Check the area under the control door (lower louvre assembly) and in front of the fan and wipe or vacuum this area at least once a month during the operating season.

Installation

The fan assembly is supplied fully wired eliminating the need for a licensed electrician to carry out the installation

1. Open the lower Louvre assembly. Maneuver the fan & bracket assembly around the gas valve and lines to locate the unit against the back wall of the appliance, resting on the base.
2. With the protective cover removed from the self-adhesive 'Velcro' strips apply mild pressure to the fan & bracket unit to secure the strips to the metal panels. No further securing is required.
3. Power to the fan can be supplied by plugging the supplied lead into a conveniently located wall socket or by using a hard-wired EB1 connector box.

WIRING INSTRUCTIONS



The fireplace, when installed, must be electrically connected and grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electric Code.



For U.S.A. installations follow the local codes and the national electrical code ANSI/NFPA No 70.



Should this fan require servicing or repair the power supply must be disconnected. For rewiring of any replacement parts see Fig. 55



Any electrical re-wiring of this fan must be done by a licensed electrician.

Method A (Not using EB1, Fig. 55)

1. Connect the ground wire of the power supply line to the ground stud located on the base of the firebox.
2. Connect the black wire of the supply line to either terminal of the speed control unit.

3. The second terminal of the speed control unit is attached to either terminal of the thermal sensor.
4. The second terminal of the thermal sensor is connected to either terminal of the fan motor.
5. The second fan motor terminal is connected to the white wire of the supply line.

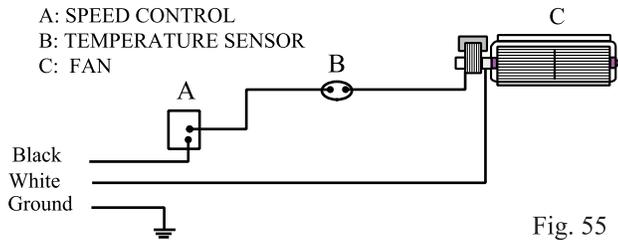


Fig. 55

Method B (Using the EB-1 Box.

For instruction on wiring the EB-1 Electrical Junction Box see the earlier chapter in the Installation section of this manual.

CERAMIC REFRACTORY KITS

Ceramic refractory panels are available in kit form for the BDVT series appliances.

Appliance Model	Kit Name
33BDVT	33BDVTCR
36BDVT	36BDVCR
39BDVT	39BDVCR
43BDVT	43BDVCR



Take care when handling the refractory panels as they are fragile until held in place and supported.

Installation, refer to Figs. 56 & 57

1. Remove the front frame/glass assembly.
2. Remove the logs.
3. Place the lower supports for the side refractory panels on the base of the firebox. Place each support so that the slotted hole fits over the forward screw head along the edge of the base.
4. Lay the angular base panels in place on the floor of the firebox on either side of the burner housing
5. Loosely attach the top adjustable tabs to the studs located in the top of the firebox toward the front corners.
6. Place the rear refractory panel in place. Locate the lower edge of the panel in the ledge formed by the top of the rear log support bracket.
7. Slide the side refractory panels into place to hold the rear panel secure. Adjust the top adjustable tabs to hold the side panel against the firebox wall and secure the tab. Repeat the procedure on the other side.
8. Replace the logs and frame/glass assembly.

For esthetic purposes we recommend lining up the horizontal mortar lines.

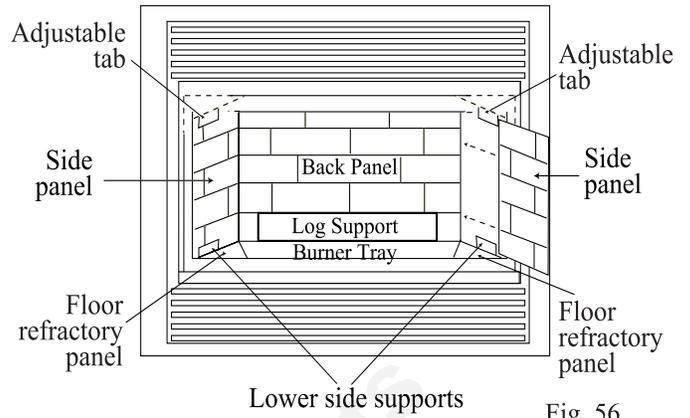


Fig. 56

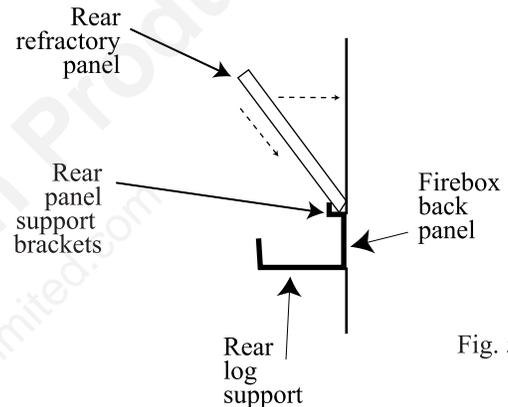


Fig. 57

FRONT WINDOW SCREEN

An optional front window screen is available for the 36BDVT, 39BDVT and 43BDVT.

Appliance Model	Kit Name
36BDVT	36BDVTKS
39BDVT	39BDVTKS
43BDVT	43BDVTKS

Installation, refer Fig. 58



DO NOT ATTEMPT to install or remove the screen while the appliance is hot.

Either remove the top and bottom brass window trims or take care not to scratch them during the installation of the screen kit.

1. Slide the tabs on the top edge of the window screen assembly up into the slots in the underside of the top rail of the window frame.
2. With the tabs in the slots place the screen down against the glass.
3. Slide the screen down the glass until the bottom edge of the screen sits in the gap between the bottom rail of the window frame and the window glass.

To remove the screen for glass cleaning reverse the installation procedure.