

INSTALLATION INSTRUCTIONS FOR BLOWER KIT FBK-300 (CATALOG NO. H7841) FOR USE WITH SLDVT AND MLDVT LOUVERLESS GAS FIREPLACES

GENERAL INFORMATION

This blower kit may be used with gas fireplaces. The FBK-300 blower kit is used when unit-mounted variable speed blower control is desired. The blower is installed beneath the firebox. Room air is drawn in through the bottom area of the fireplace, heated as it passes across the firebox, and discharged through the upper air exhaust area at the top of the fireplace. This kit contains one blower, one speed control module, one speed control module base, one screw and these instructions.

INSTALLATION INSTRUCTIONS

Step 1. Turn off the fireplace and allow it to cool before proceeding.

Step 2. If the appliance is connected to 120 volt power, disconnect the power.

Step 3. Shut off the gas supply to the fireplace.

Step 4. Open and remove the lower compartment door.

Step 5.

• **SLDVT 30", 35", 40" and 45" models:**

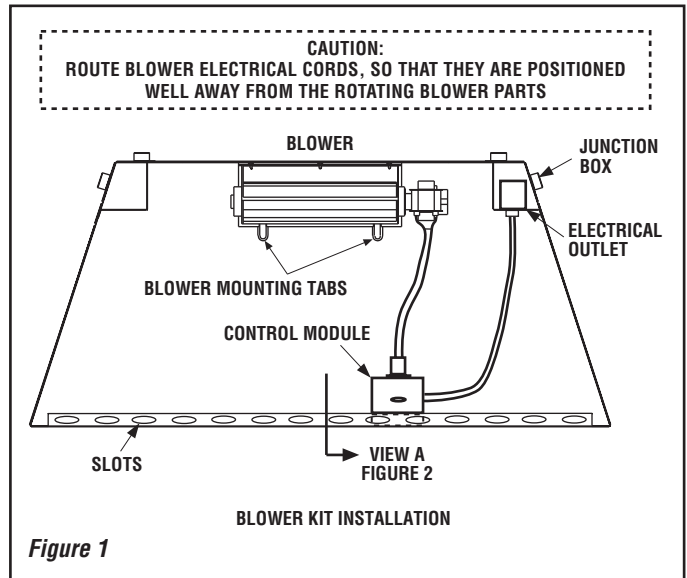
Remove log set and loose media. Remove the sub-floor. Remove the burner, loosen and remove the screws securing the GTA (Gas Train Assembly) to the firebox bottom. Lift the GTA up and away as far as the flex line will allow. If required, disconnect flex line and completely remove the GTA. Install the blower against the firebox rear wall and secure by bending tabs up (see **Figure 1**).

• **MLDVT 30", 35", 40" and 45" models:**

Remove log set, grate and loose media. Remove the sub-floor. Remove the burner, loosen and remove the screws securing the GTA (Gas Train Assembly) to the firebox bottom. Lift the GTA up and away as far as the flex line will allow. If required, disconnect flex line and completely remove the GTA. Install the blower against the firebox rear wall and secure by bending tabs up (see **Figure 1**).

• **MLDVTCD 35" model:**

Remove any installed floor media and porcelain panels of liners, if applicable. Remove the sub-floor. Remove the burner, loosen and remove the screws securing the GTA (Gas Train Assembly) to the firebox bottom. Lift the GTA up and away as far as the flex line will allow. If required, disconnect flex line and completely remove the GTA. Install the blower against the firebox rear wall and secure by bending tabs up (see **Figure 1**).



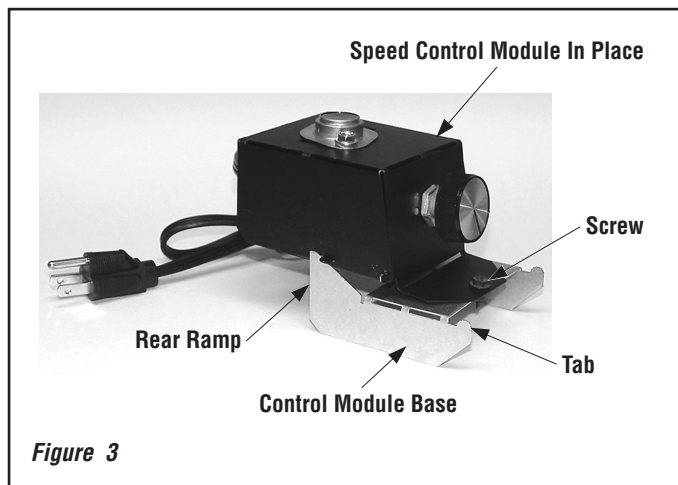
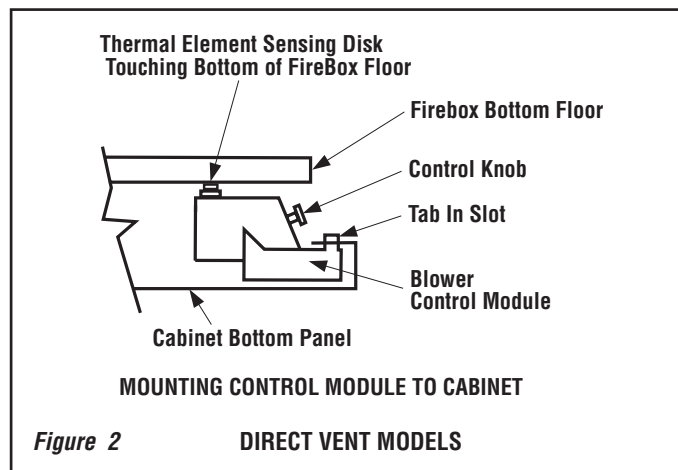
Step 6. If electrical power has not been provided to the unit's junction box receptacle - Route a 3-wire, 120Vac power line to the unit's junction box. Remove the receptacle by removing the two securing screws. Connect the supply wires to the receptacle as shown in **Figure 4**. Reinstall the receptacle.

IMPORTANT: Ground lead must be connected to the green screw located on the junction box. Failure to do so will prevent the appliance from operating. The appliance must be electrically grounded in accordance with local codes or, in the absence of local codes, the National Electrical Code, ANSI/NFPA 70-(latest edition). (In Canada, the current CSA C22-1 Canadian Electrical Code.)

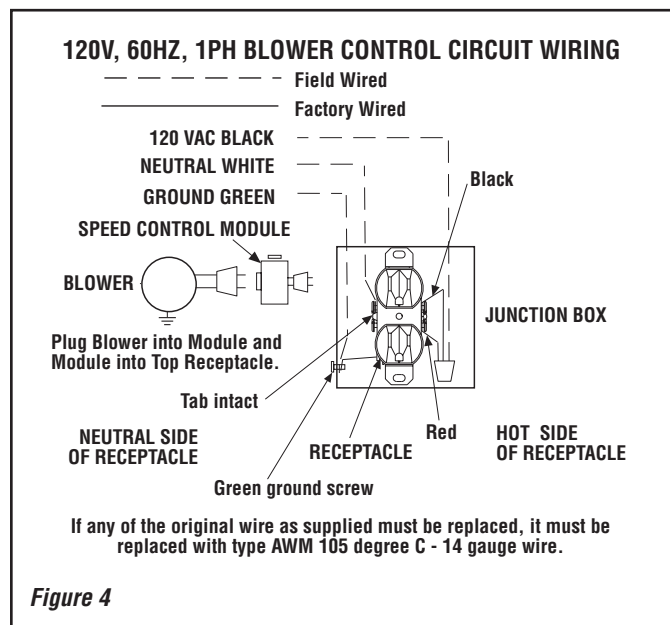
Step 7. Reinstall all removed components in reverse order of **Step 5**. Reconnect the gas flex line, if it was disconnected for blower installation. Check any gas connections that were broken for leakage.

Step 8. Insert the control module into the lower opening at the approximate location shown in **Figure 1**. The module is self adjusting and will compress as it is inserted into the compartment. Pull the module forward to place the front lip of the control module underneath the front flange of the cabinet bottom panel as shown in **Figure 2**. Secure the module in place by snapping it into the slots on the front lip of the cabinet bottom panel.

Step 9. Plug the blower cord into the module and the module cord into the top receptacle as shown in **Figures 1 and 4**.



Step 10. Place the speed control module base in the lower opening of the firebox (refer to **Figure 2**). Engage the tabs in the slots on the firebox bottom floor front lip. Then place the speed control module on the module base, between the rear ramps. Push the module back, sliding it up the rear ramp of the base, and secure it in place using the provided screw in the hole at the front of the base (refer to **Figure 3**).



Step 11. Reinstall the bottom panel.

Step 12. Restore the electrical power to the unit.

Step 13. Start the fireplace by following the procedure indicated in the lighting instructions section of the Care and Operation Instructions manual, supplied with the fireplace.

Step 14. Check the start up and shutdown, and the running operation of the blower. Also check the variable speed feature of the speed control.

The approximate blower start time is 15 minutes from main burner startup. The approximate blower shut off time is 10 minutes after main burner shut down.

NOTE: DIAGRAMS & ILLUSTRATIONS NOT TO SCALE.

Lennox Hearth Products reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.