

PRESSURE SWITCH / INDUCER REPLACEMENT KIT

INSTALLATION INSTRUCTIONS FOR PRESSURE SWITCH / INDUCED DRAFT BLOWER REPLACEMENT KITS FOR USE WITH G24M AND 80MGF-1 AND -2 UNITS

WARNING—This kit is to be installed by a qualified Lennox service technician or other qualified agency in accordance with the manufacturer's instructions, all codes and requirements of the authority having jurisdiction in the USA, Australia, the United Kingdom and the requirements of the CAN/CGA- B149.1 and -B149.2 installation codes in Canada. If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life. The qualified agency performing this work assumes responsibility for this modification.

SHIPPING AND PACKING LIST

Package 1 of 1 contains:

- 1- Pressure switch
- 1- Induced draft blower
- 1- Induced draft blower gasket
- 1- Flue box gasket
- 1- Bag assembly containing
 - 15 - Flue box screws
 - 3 - Induced draft blower screws
 - 2 - Wire ties
 - 1 - Screw-secured wire tie
 - 2 - Wire nuts
 - 1 - Silicone hose
 - 1 - Plug (used with G24M only)
 - 1 - Cap (used with G24M only)
 - 2 - Wires (used with G24M only)

APPLICATION

These pressure switch / induced draft blower replacement kits are for use with G24M and 80MGF-1 and -2 units to prevent nuisance pressure switch trip. See table below for kit application.

Capacity (Btuh)	Assembly No.	Catalog No.
45,000	LB-79451A	11K95
60,000	LB-79451B	11K96
75,000	LB-79451C	11K98
100/120/140,000	LB-79451D	11K99

INSTALLATION

- 1- Set thermostat to lowest setting. Shut off gas supply and disconnect electrical power to unit.
- 2- Remove unit access panel and turn automatic gas valve knob to **OFF**.
- 3- Remove and discard silicone hose at induced draft blower and pressure switch.
- 4- Disconnect wires from existing pressure switch and remove pressure switch.
NOTE - In G24M/80MGF-100 and -120 units, install provided screws in vest panel holes left after pressure switch has been removed.
- 5- Install new pressure switch provided in kit.
NOTE - Pressure switch provided in kits for G24M/80MGF-100 and -120 is larger in size than existing pressure switch. Locate pressure switch between burner box lip and vest panel. See figure 1.

PRESSURE SWITCH LOCATION (-100 and -120 units only)

INSTALL PRESSURE SWITCH BRACKET BETWEEN VEST PANEL AND BURNER BOX FLANGE.

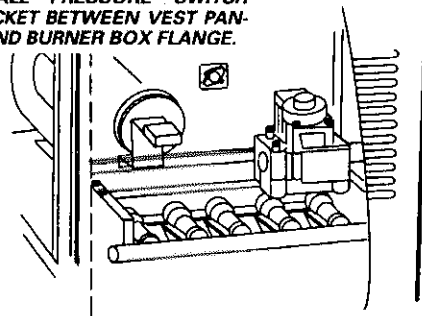


FIGURE 1

- 6- Cut wire ties which secure induced draft motor leads to wiring harness.
- 7- Separate harness plugs and remove induced draft motor leads from plug using tool designed for this purpose.
NOTE - If tool required to remove leads from plug is unavailable, cut leads at plug leaving approximately 6 inches (150mm) attached to plug.
- 8- Remove screws which secure flue box assembly and remove assembly and gasket from unit.

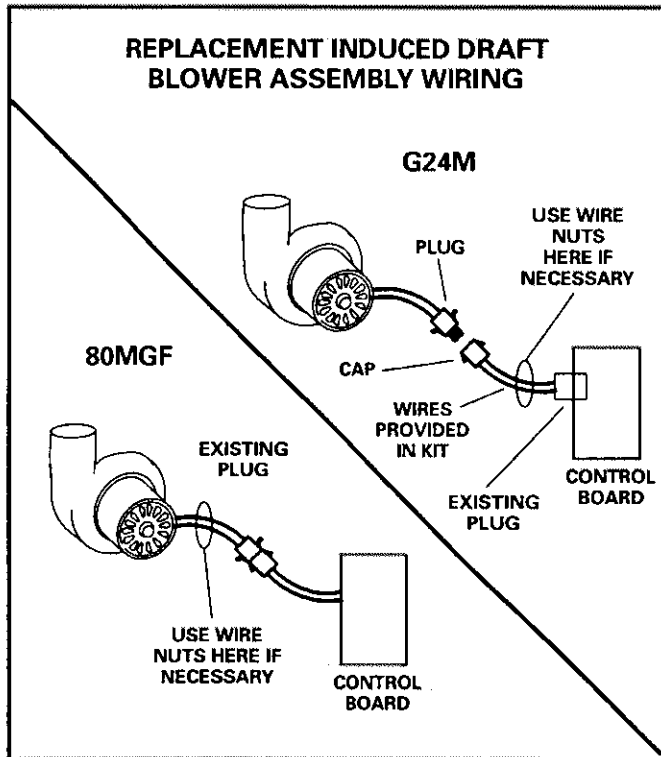


FIGURE 2

- 9– Remove three screws securing induced draft blower to flue box and remove. Discard existing induced draft blower and gasket.
- 10– Install replacement induced draft blower and gasket on flue box using three #8–18X1/2” screws

provided. Blower should be oriented on flue box so that blower is directed toward top of unit.

- 11– Re–install flue box assembly using new gasket and screws provided.
- 12– Connect replacement silicone hose between new pressure switch and pressure tap fitting on new induced draft blower. Use one of standard wire ties provided to secure the hose to the pressure tap in a hose clamp manner.
- 13– Re–connect pressure switch wiring: Red – common; blue – normally open.
- 14– *G24M Units* –– Use provided adapter and wires as shown in figure 2 to run wires from induced draft blower to control board. If existing wires were cut, use provided wire nuts to splice wires.
80MGF Units –– Run wires from induced draft blower to existing control plug. If existing wires were cut, use provided wire nuts to splice wires.
- 15– Route inducer wires along with existing harness. Secure using one standard wire tie and one screw–secured wire tie (both provided).
- 16– Re–connect harness.
- 17– Re–connect electrical power and gas supply to unit. Set thermostat for a heating demand.
- 18– Monitor unit for proper operation.