

Installation Instructions


NOTE: Read the entire instruction manual before starting the installation.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury, or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing, and work gloves. Have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions include in literature and attached to the unit. Consult local building codes, the current editions of the National Fuel Gas Code (NFGC) NFPA 54/ANSI Z223.1 and the National Electrical Code (NEC) NFPA 70.

In Canada, refer to the current editions of the National Standards of Canada CAN/CGA-B149.1 and .2 Natural Gas and Propane Installation Codes, and Canadian Electrical Code CSA C22.1

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which **will** result in severe personal injury or death. **WARNING** signifies hazards which **could** result in personal injury or death. **CAUTION** is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

Follow all safety codes. Wear safety glasses and work gloves. Have a fire extinguisher available.

INTRODUCTION

This instruction covers the installation of the Door Gasket Kit for use with induced-combustion, non-condensing gas furnaces.

DESCRIPTION AND USAGE

This door gasket kit minimizes door leakage. For additional leakage protection in a side-return, up-flow or horizontal configuration, seal around perimeter of bottom pan before installing furnace. When sealing ductwork or bottom pan to the bottom of the furnace, seal the two slots that hold the bottom plate onto the furnace.

Table 1 – Kit Contents

DESCRIPTION	QTY.
Foam Tape 1/4" x 17" (6.4 mm X 432 mm – 4.7 mm)	1
Foam Tape 7/8" x 24 3/4" (12 mm X 630 mm – 4.7 mm with V notches)	1
Foam Tape 31/64" x 24 3/4" (22 mm X 630 mm – 4.7 mm with V notches)	1

INSTALLATION

WARNING

FIRE, EXPLOSION, ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury, death and/or property damage.

The ability to properly perform maintenance on this equipment requires certain knowledge, mechanical skills, tools, and equipment. If you do not possess these, do not attempt to perform any maintenance on this equipment other than those procedures recommended in the User's Manual.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death.

Before installing, modifying, or servicing system, main electrical disconnect switch must be in the OFF position and install a lockout tag. There may be more than one electrical supply to the furnace. Check accessories and cooling unit for additional electrical supplies that must be shut off during furnace servicing. Lockout and tag switch with a suitable warning label. Verify proper operation after servicing.

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury.

Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing, safety glasses and gloves when handling parts, and servicing furnaces.

1. Disconnect gas and electric supply to furnace.
2. Remove outer door and blower compartment door and set aside.
3. Remove the blower door side support flanges by removing three screws on the side of the casing. (See Fig. 1).

NOTE: Before applying foam tape, it may be necessary to remove the old gasket and wipe off any accumulated dust along the casing flanges and blower door flanges.

4. Peel paper backing from the two 1/4" x 17" (6.4mm x 432mm) foam strips and apply the gasket to the blower door edges facing towards the furnace such that the gasket is sandwiched between the door and the door supports. Cut the edges if necessary. (See Fig. 1).
5. Cut 7/8" x 24 3/4" (22mm x 630mm) V notched foam strip to fit the width of the bottom plate. The V notches may be used as a reference for various casing widths. Peel paper

backing from foam strip and apply to the bottom plate of the furnace. (See Fig. 1).

6. Cut 3 1/64" x 24 3/4" (12mm x 630mm) V notched foam strip to fit the width of the cell panel. The V notches may be used as a reference for various casing widths. Peel paper backing from foam strip and apply to the cell panel flange at the top. (See Fig. 1).
7. Re-install the blower door support flanges such that the newly installed gaskets are held in between the cell panel support and the support flange. (See Fig. 1).
8. Re-install blower compartment door and outer door. The blower door screws will need to be drilled through the foam gasket.
9. Turn on gas and electric supplies to furnace.
10. Discard excess foam gaskets.

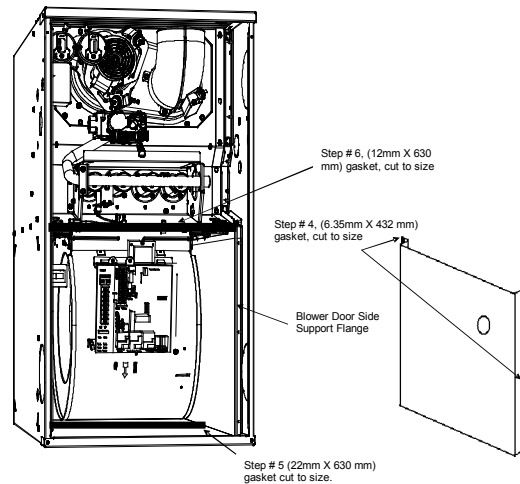


Fig. 1 - Gasket Placement

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