



Rooftop Units Gas Heating/Electric Cooling 3 to 5 Tons Ultra Low NOx 14 ng/J Flue Discharge Deflector Accessory

Installation Instructions

Part No. CRFLUDNX001A00

IMPORTANT: Read these instructions completely before attempting to install this accessory.

PACKAGE CONTENTS

QTY	CONTENTS
1	Flue Discharge Stack
2	Mounting Brackets
6	10 -16 x 1 in. Self-Drilling Screws

MODEL USAGE

ACCESSORY PART NUMBER	USAGE
CRFLUDNX001A00	48FCG/H*04-06
	48GCG/H*04-06
	48JCG/H*04-06
	582K***D/E 04-06
	581K***F/K 04-06
	RGV036*G/H-RGV*G/H060
	RGW036*G/H-RGW*G/H060


NOTE: This Flue Discharge Deflector cannot be used on any other models except the Ultra Low NOx (14ng/j) models.

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

Untrained personnel can perform basic maintenance functions of cleaning coils and filters and replacing filters. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all local building codes and appropriate national electrical codes (in USA, ANSI/NFPA70, National Electrical Code (NEC); in Canada, CSA C22.1) for special requirements. Wear safety glasses and work gloves. Use quenching cloth for unbrazing operations. Have fire extinguisher available for all brazing operations.

It is important to 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, CAUTION, and NOTE. 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.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could cause personal injury or death.

Before performing service or maintenance operations on unit, always turn off main power switch to unit and install lock(s) and lockout tag(s). Unit may have more than one power switch.

WARNING

FIRE, EXPLOSION HAZARD

Failure to follow this warning could cause personal injury or death.

Before beginning any modification, close the main gas supply shutoff valve. Tag gas valve with suitable warning labels.

WARNING

FIRE, EXPLOSION HAZARD

Failure to follow this warning could cause personal injury or death.

Disconnect gas piping from unit when leak testing at pressure greater than 0.5 psig (3450 Pa). Pressures greater than 0.5 psig (3450 Pa) will cause gas valve damage resulting in hazardous condition. If gas valve is subjected to pressure greater than 0.5 psig (3450 Pa), it must be replaced before use. When pressure testing field-supplied gas piping at pressures of 0.5 psig (3450 Pa) or less, a unit connected to such piping must be isolated by closing the manual gas valve.

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.

INSTALLATION

1. Remove first screw from bottom of center post on unit. Save screw for later use.
2. Attach mounting brackets to flue stack. (See Fig. 1.)
Bracket A — Position as shown in Fig. 1. Remove third screw from top of flue stack and save. Fasten the bracket to the flue stack with screw that was just removed. The bent portion of the bracket should be pointed away from the installer.

Bracket B — Position as shown in Fig. 1. Remove second screw from the top of flue stack and save. Fasten the bracket to the flue stack with screw that was just removed. The bent portion of the bracket should be pointed away from the installer.

3. Mount the flue discharge deflector to unit by fastening the horizontal leg of the flue stack to the unit using four supplied no. 10 self-drilling screws. (See Fig. 2 and 3.)

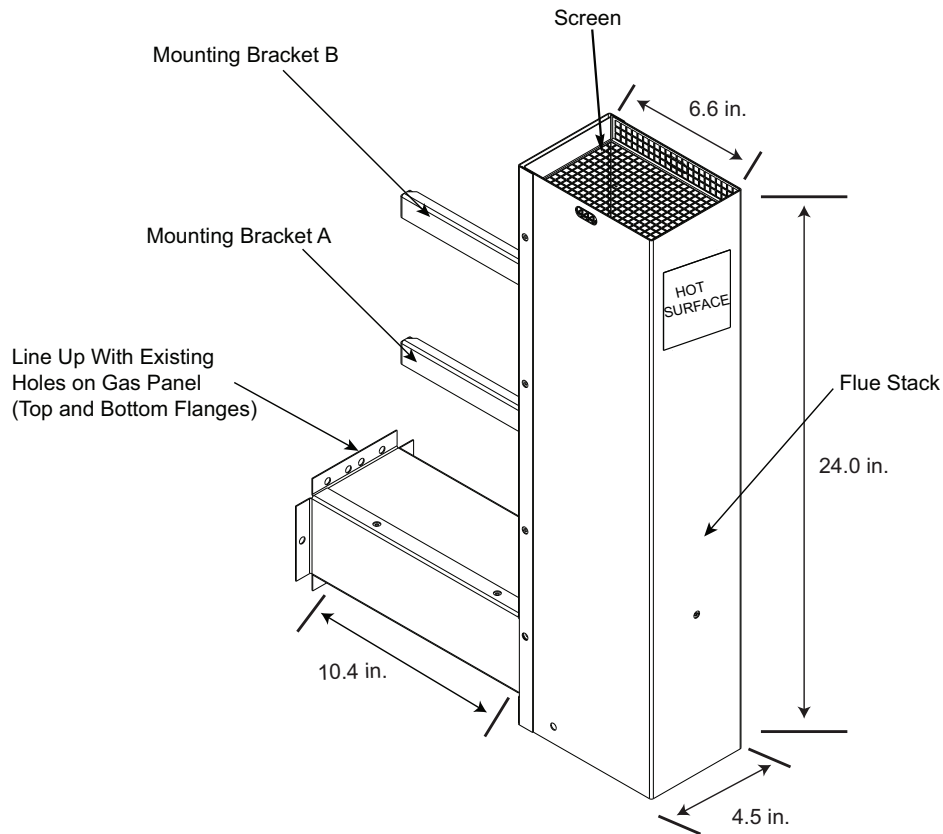


Fig. 1 — Flue Discharge Deflector Assembly

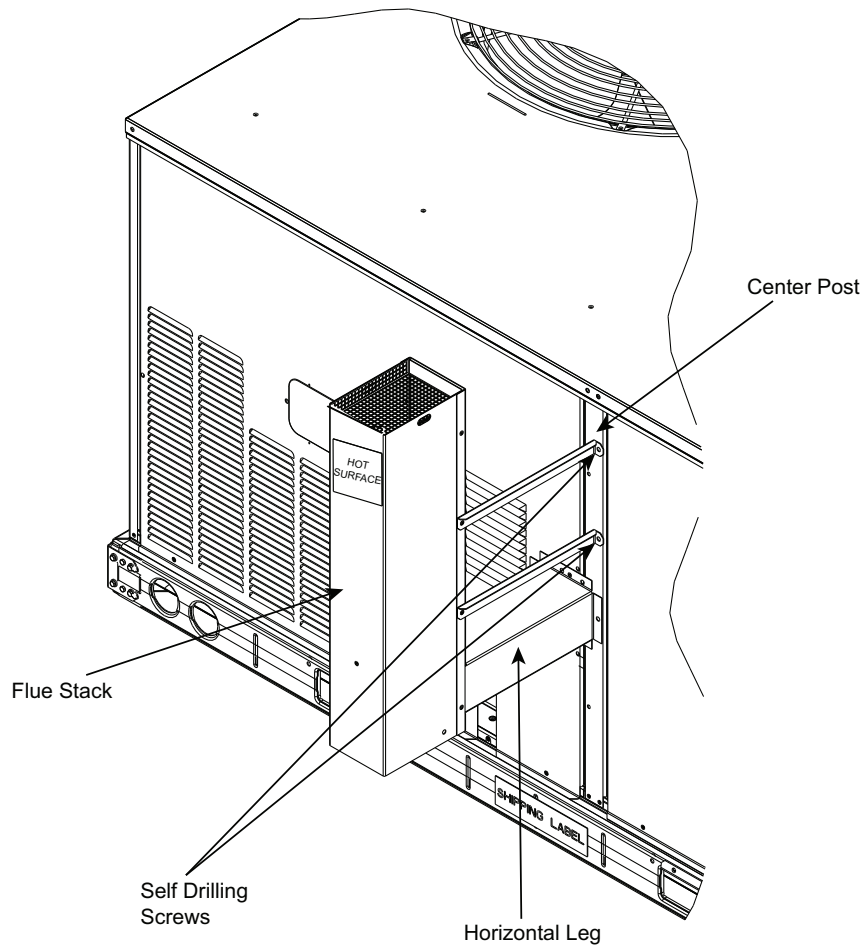


Fig. 2 — Flue Discharge Deflector Assembly (Front and Side View)

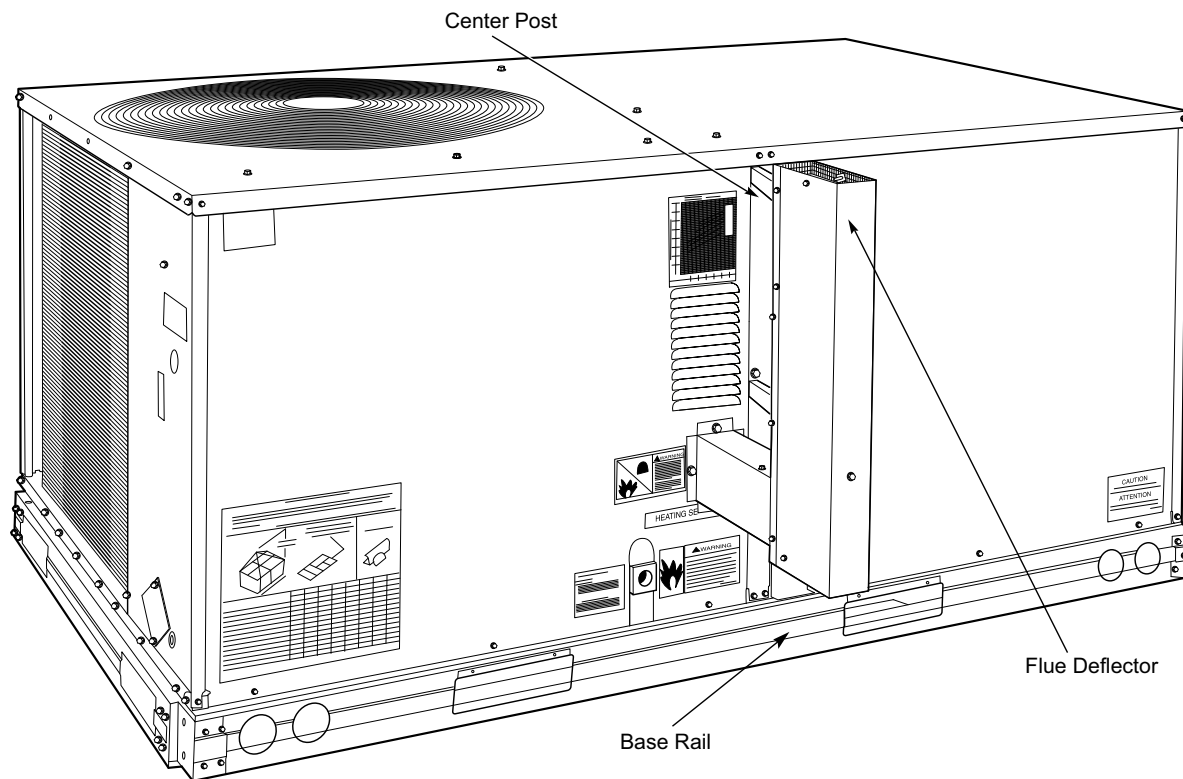


Fig. 3 — Flue Discharge Deflector Assembly (Back View)

SERVICE AND MAINTENANCE

Remove and clean screen periodically to ensure proper air-flow and heating efficiency. Inspect full length of flue stack for any blockages which could impair flue performance. Inspect every fall, and periodically during heating season.