



Installation Instructions

PART NO. CRFLUEDS018A00, CRFLUEDS019A00

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

Table 1 — Package Contents

ACCESSORY PACKAGE NO.	DESCRIPTION	QTY
CRFLUEDS018A00	Top Assembly	2
	Upper Duct Assembly	2
	Lower Duct Assembly	2
	Duct Assembly	2
	Mounting Brackets	2
	Mounting Brackets	2
	Support Brackets	8
	Screws - 1/4-14 x 5/8	103
CRFLUEDS019A00	Top Assembly	3
	Upper Duct Assembly	3
	Lower Duct Assembly	3
	Duct Assembly	3
	Mounting Brackets	3
	Mounting Brackets	3
	Support Brackets	12
	Screws - 1/4-14 x 5/8	153

Table 2 — Model Usage

ACCESSORY PART NUMBER	USAGE
CRFLUEDS018A00	48K 20-50 Ton
CRFLUEDS019A00	48K 60 Ton

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/NFPA 70, 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.

DANGER

ELECTRICAL SHOCK HAZARD

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

Before performing service or maintenance operations on unit, turn off main power switch to unit and install lock(s) and lockout tag(s). Ensure electrical service to rooftop unit agrees with voltage and amperage listed on the unit rating plate. 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 result in death, serious personal injury and/or property damage.

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

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury.

When removing access panels or performing maintenance functions inside your unit, be aware of sharp sheet metal parts and screws. Although special care is taken to reduce sharp edges to a minimum, be extremely careful when handling parts or reaching into the unit.

INSTALLATION

NOTE: These instructions apply to 48K 20-60 ton units with R-454B refrigerant only.

1. First remove screws from Top Cover Panel and Middle Skin Panel of the unit. See Fig. 2 and 3. Save screws for later use.
2. Install mounting brackets to the units by reusing the existing screws. Each flue stack uses 2 brackets. See Fig. 2 and 3.
3. Assemble the flue stack deflector with support brackets and mount the accessory to the mounting brackets installed in the previous step. See Fig. 1.
4. Repeat Steps 1-3 one more time for 20-50 Ton unit, and repeat Steps 1-3 two more times for 60 Ton unit.

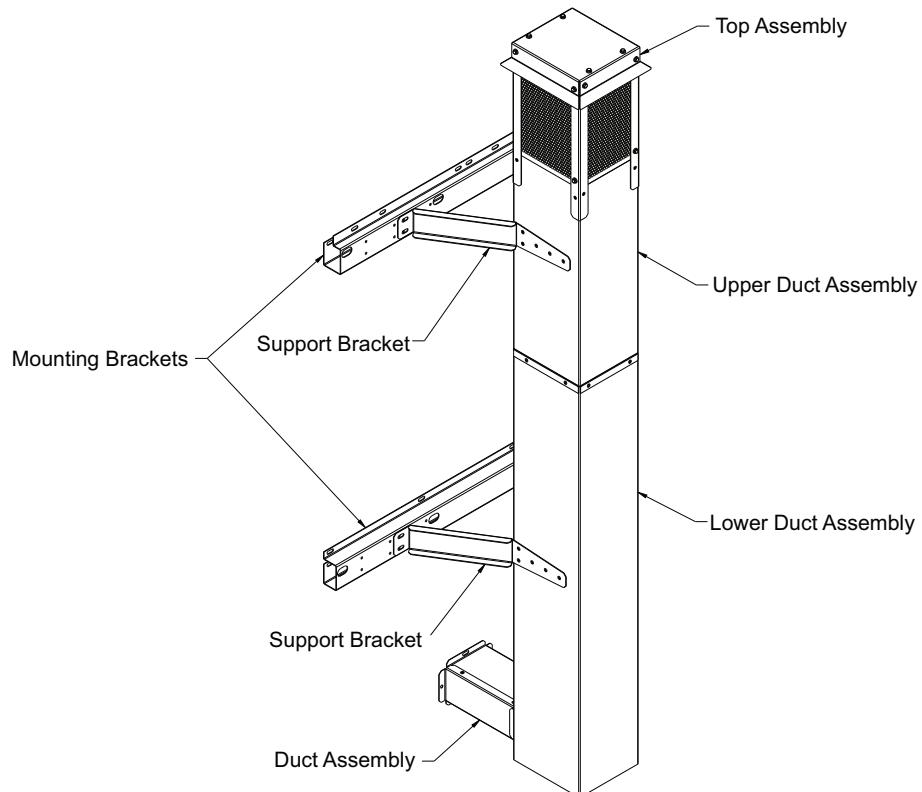


Fig. 1 — Flue Discharge Deflector Assembly

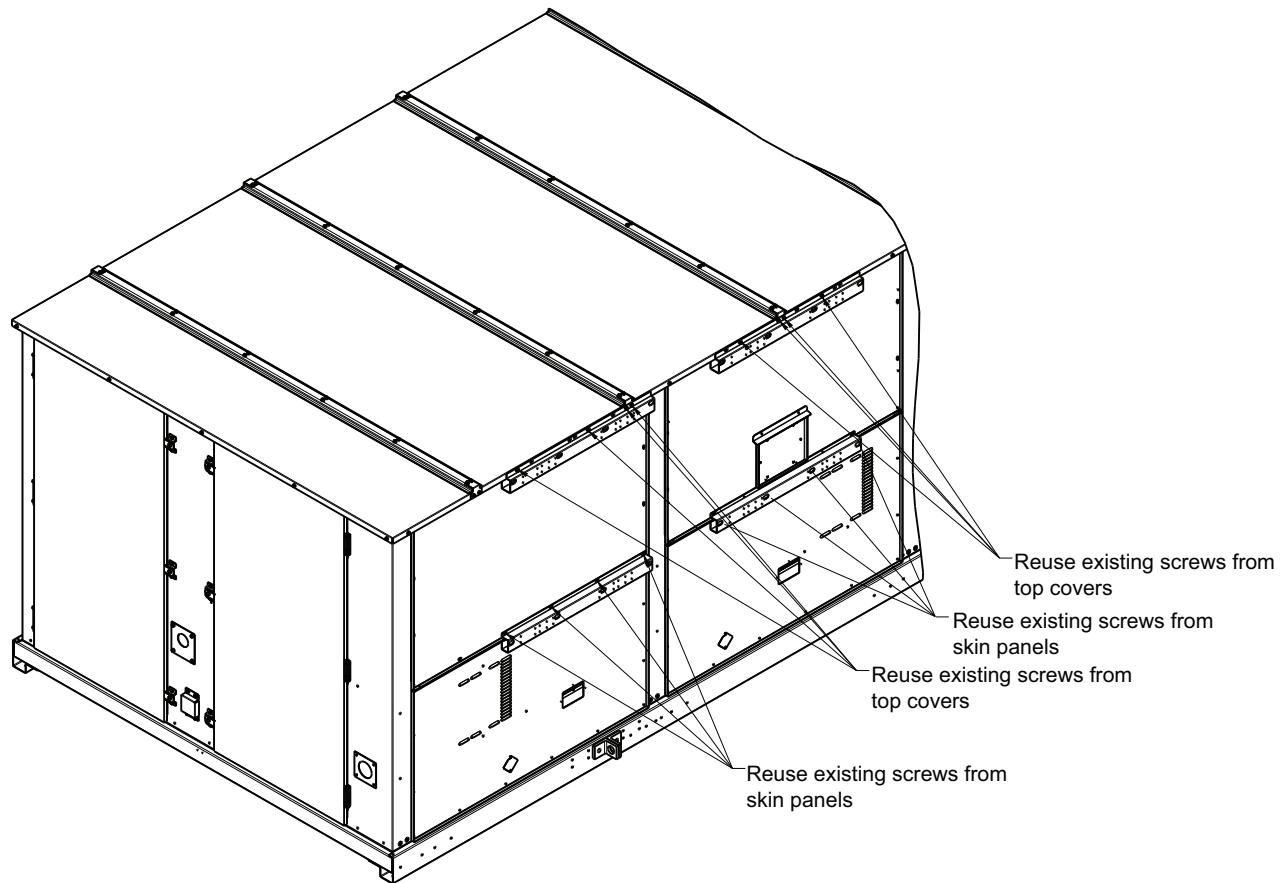


Fig. 2 — Flue Vent Extension Mounting Position

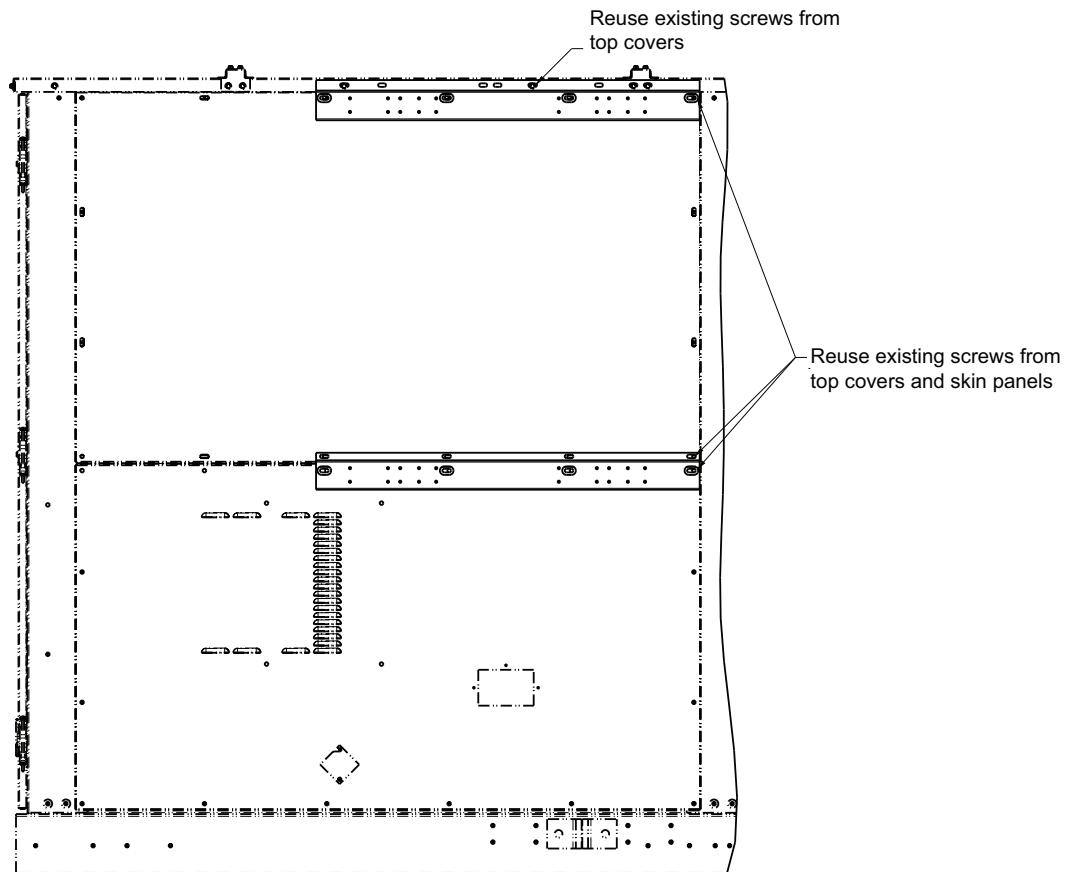


Fig. 3 — Mounting Bracket for Flue Vent Extension

SERVICE

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. See Fig. 4.

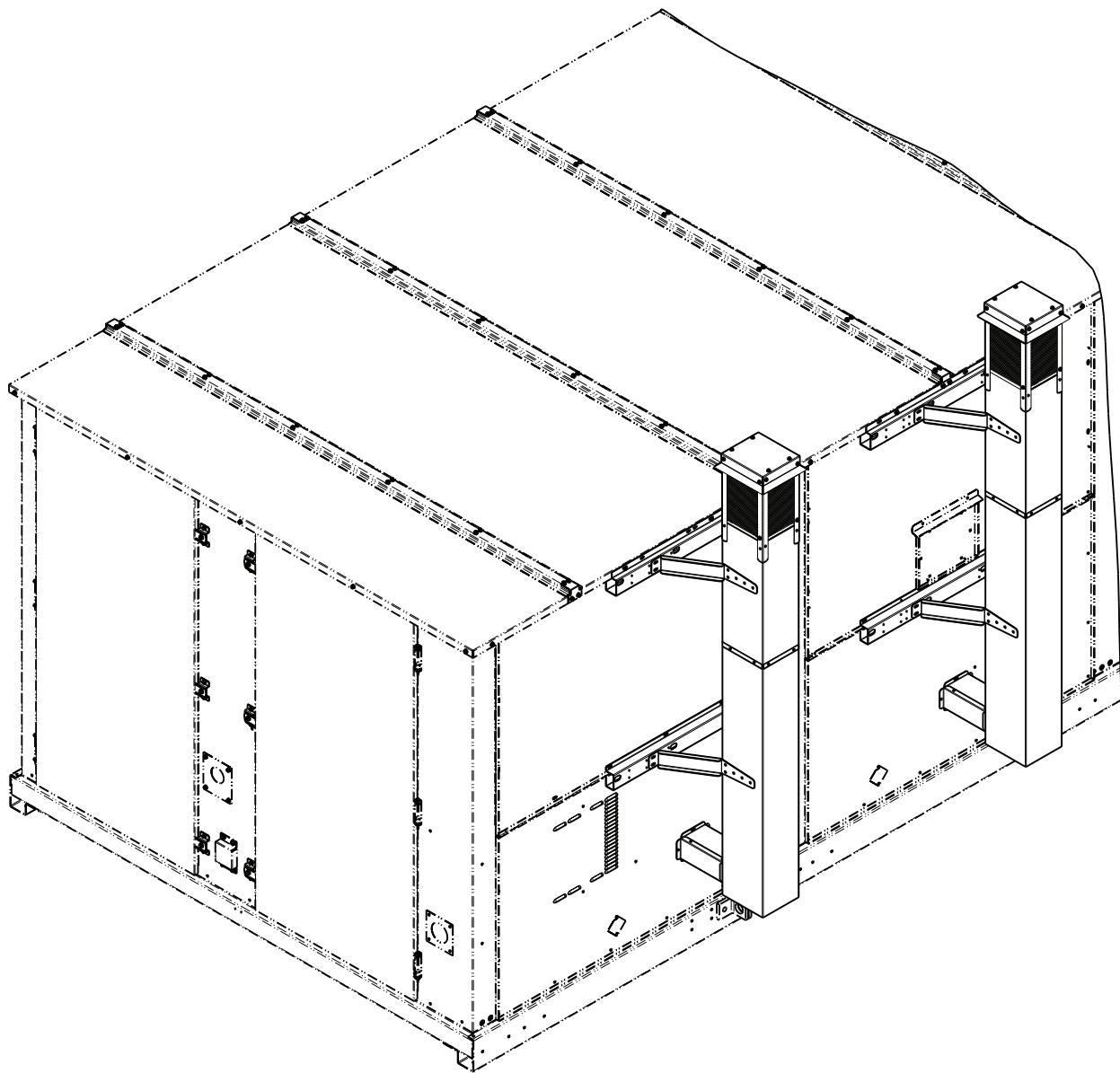


Fig. 4 — Installation of Flue Discharge Deflector, 48K 20-50 Ton