

Installation Instructions For Flue Discharge Deflector Kit (Kit Part No. NRFLUEDS001A00) For Package Gas/Electric Rooftop Units, 3 to 12-1/2 Ton

ACCESSORY KIT CONTENTS

Flue Stack	1
Mounting Brackets	2
Self-Tapping Screw	1
Adapter Plate (part no. 502222)	1
Adapter Plate (part no. 502223)	1
3/8" Screws	3

*Refer to Table 2 to determine the correct orifice to use. (Natural gas/High Altitude)

NOTE: NOTE: This accessory can only be installed on units produced after January 1992.



WARNING

FIRE, EXPLOSION, ELECTRICAL HAZARD

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

Gas supply **MUST** be shut off before disconnecting electrical power and proceeding with conversion.



WARNING

ELECTRICAL SHOCK HAZARD

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

Before installing or servicing system, always turn off main power to system. There may be more than one disconnect switch. Tag disconnect switch with suitable warning label.

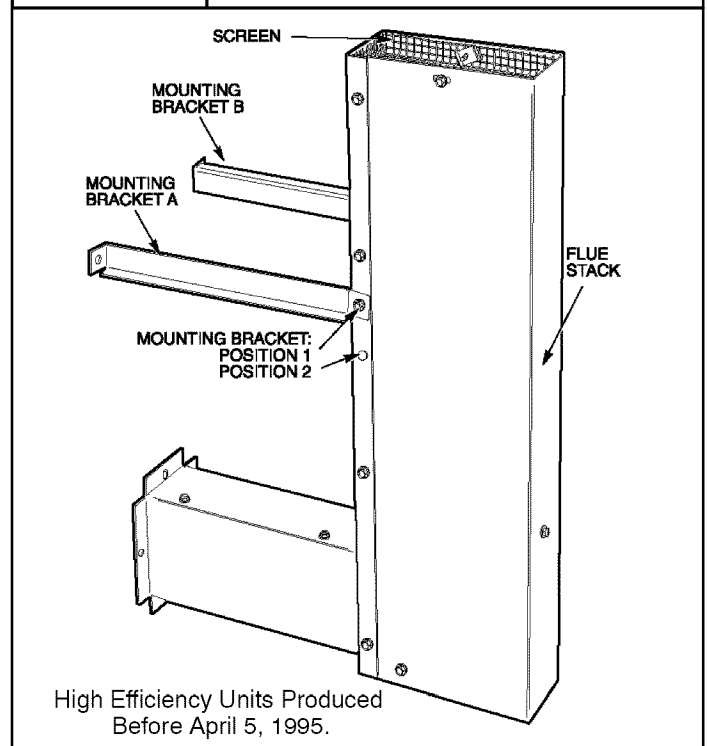
INSTALLATION

3 to 12-1/2 Ton High Efficiency Units Produced Before April 3, 1995.

1. Remove existing flue hood from unit. Save screws.
2. Attach mounting brackets to flue stack. (See Fig. 1.)
For bracket A – Use position 1 for 3 to 6 ton units, and position 2 for 7-1/2 to 12-1/2 ton units.
For bracket B – Mount to second screw from the top of the stack on the opposite side.
3. Mount horizontal leg of flue discharge deflector to unit as shown in Fig. 2 with screws saved from Step 1.
4. Remove the forth screw up from the top of the unit base rail, in the center post, and attach mounting bracket B to unit with removed screw.
5. Align bracket A to the unit. Ensure that the assembly is plumb and mark location for the self-tapping screw.
6. Drill screw through slot in mounting bracket A and into access panel on unit to attach bracket A to unit.

Figure 1

Flue Discharge Deflector Assembly



3 to 12-1/2 Ton standard efficiency units, 3 to 12-1/2 Ton high efficiency units produced after April 3, 1995, and 5 to 10 ton alternate refrigerant units.

1. Remove first screw from bottom of center post on unit. Save screw for later use.
2. 3 to 6 Ton Standard Efficiency Units – Install adapter plate (part no. 502223) by sliding it over the existing flue duct. Secure the adapter plate using the screw removed by Step 1. Screw should be installed through hole in adapter plate.
All Other Units – Install adapter plate (part no. 502222) by sliding it over the existing flue duct. Secure the adapter plate using the screw removed in Step 1. Screw should be installed through hole in adapter plate.
3. Attach mounting brackets to flue stack. See Fig. 3.
Bracket A – Position as shown in Fig. 3. Remove fourth screw from top of flue stack and save. Fasten the bracket to the flue stack with screw that was just removed. The slotted portion of the bracket should be pointed away from the installer.
Bracket B – Position as shown in Fig. 3. Remove top screw from the flue stack and save. Fasten the bracket to the flue stack with screw that was just removed. The slotted portion of the bracket should be pointed away from the installer.

4. Remove the two screws in the center post that are attached to the top cover. Remove the second screw from the bottom on the center post. Save all screws. See Fig. 4.
5. Mount the flue discharge deflector to unit by fastening the horizontal leg of the flue stack to the adapter plate using the three 3/8-in. screws supplied. Line up the slots in brackets A and B with the holes from the screws removed in Step 4. Reinstall screws from Step 4.

SERVICE

Remove and clean screen periodically to ensure proper airflow 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.

Figure 2 Installation of Flue Discharge Deflector on High Efficiency Units Produced Before April 3, 1995

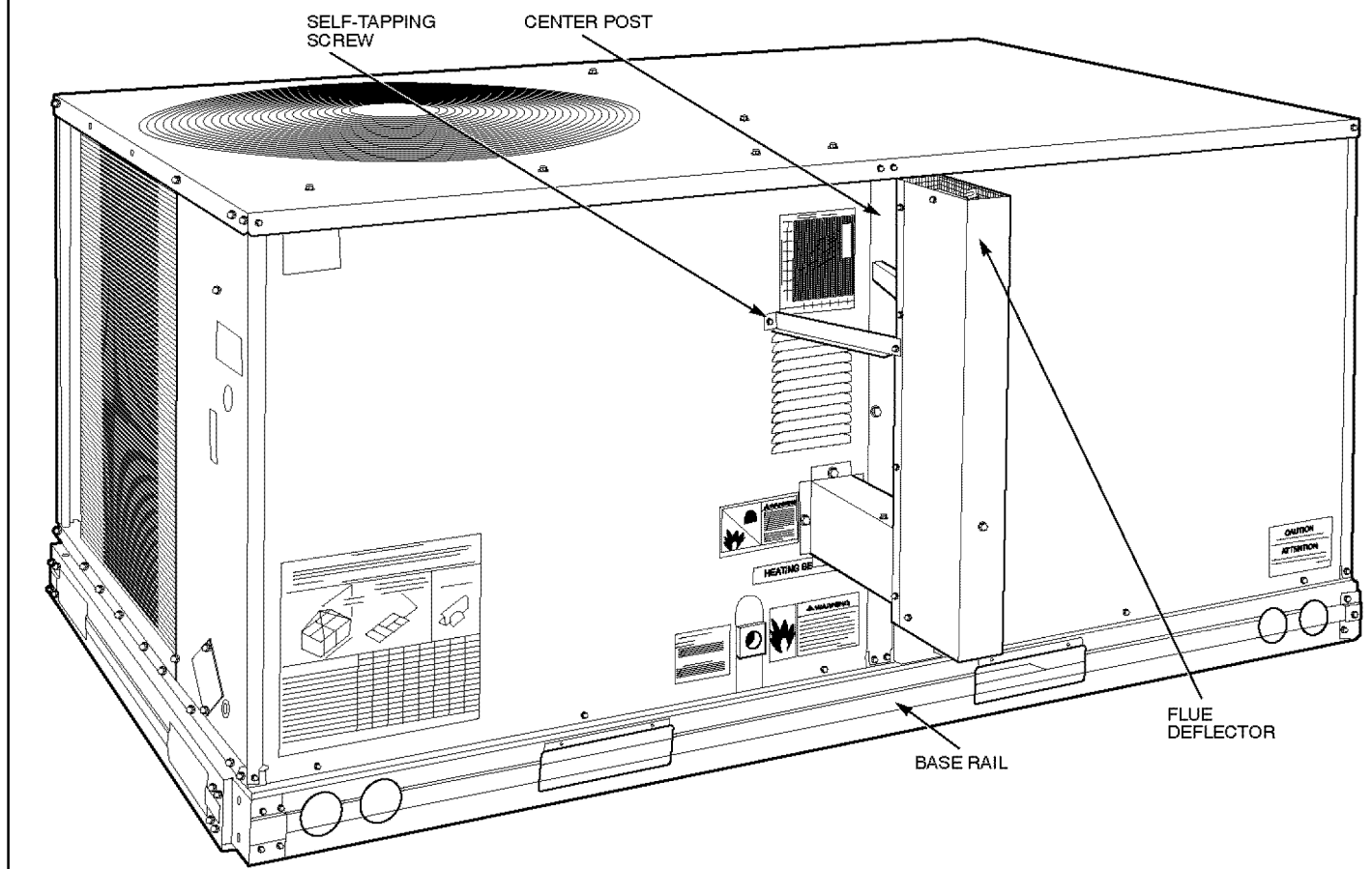


Figure 3

Flue Discharge Deflector Assembly (Standard Efficiency Units, Alternate Refrigerant Units, High Efficiency Units Produced Before April 3, 1995)

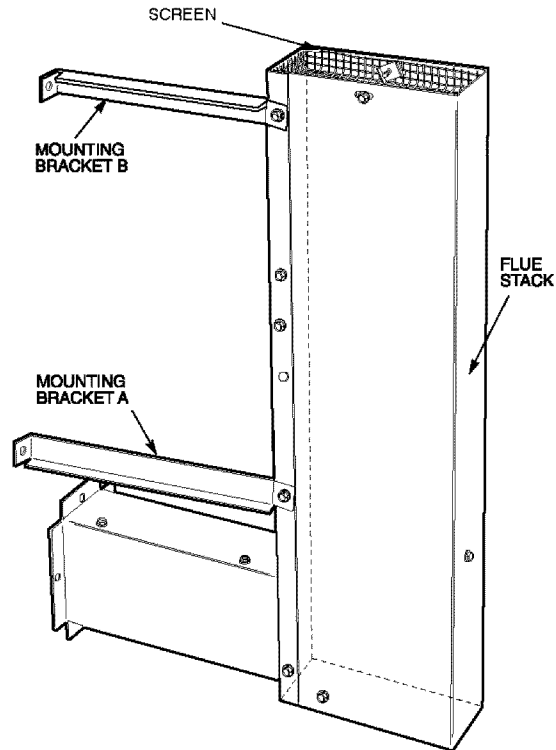


Figure 4

Flue Discharge Deflector Mounting Position (Standard Efficiency Units, High Efficiency Units, and Alternate Refrigerant Units Produced After April 3, 1995)

