



Installation Instructions

Part No. CRHAILGD030A00, CRHAILGD031A00, CRHAILGD032A00


IMPORTANT: Read these instructions completely before attempting to install the accessory louvered hail guard.

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 safety codes, including ANSI (American National Standards Institute) Z223.1. 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 OPERATION HAZARD

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

Before performing service and maintenance operations on unit, turn off main power switch to unit. If gas unit, shut off gas supply before shutting off main power.

TAG DISCONNECT SWITCH WITH A SUITABLE LOCKOUT TAG AND WARNING LABEL.

GENERAL

Louvered hail guard packages are designed to protect the rooftop unit condenser coil from hail and general contact damage. Excessive damage to rooftop unit outdoor coils can result in diminished performance due to reduced air flow over the heat transfer surfaces.

See Table 1 for package contents and usage.

Table 1 — Package Contents

HAIL GUARD PART NO.	UNIT SIZE	DESCRIPTION
CRHAILGD030A00	20-35	Left Louver Panel (1) Right Louver Panel (1) "C" Channel Support (1) Fastener Package (30)
CRHAILGD031A00	40-50	Left Louver Panel (2) Right Louver Panel (2) "C" Channel Support (2) Fastener Package (56)
CRHAILGD032A00	60	Left Louver Panel (2) Right Louver Panel (2) Middle Louver Panel (2) Fastener Package (76)

INSTALLATION

1. Verify the correct hail guard part number is provided for the desired rooftop unit size.
2. Disconnect unit power
3. Remove shipping covers from unit.
4. Remove the screws in the top panel of the rooftop unit above the condenser coil. Save the screws. See Fig. 1.
5. Remove the screws at the base of the outdoor coil where the hail guard panel will be installed. Save the screws. See Fig. 1.
6. Install "C" Channel Support on condensing section using fasteners included with the kit. See Fig. 2. ("C" Channel support is factory-installed on size 60).
7. Align the hail guard panels with the respective sections of the outdoor coil and "C" channel. (See Fig. 3-5). Re-insert top and bottom screws from Steps 4 and 5 to hold the hail guard in place.
8. Use the self-taping screws included with the kit to attach the hail guard panels to the unit side panels and the "C" channel. Ensure screws do not puncture the condenser coil or refrigerant piping.
9. Restore power to unit.

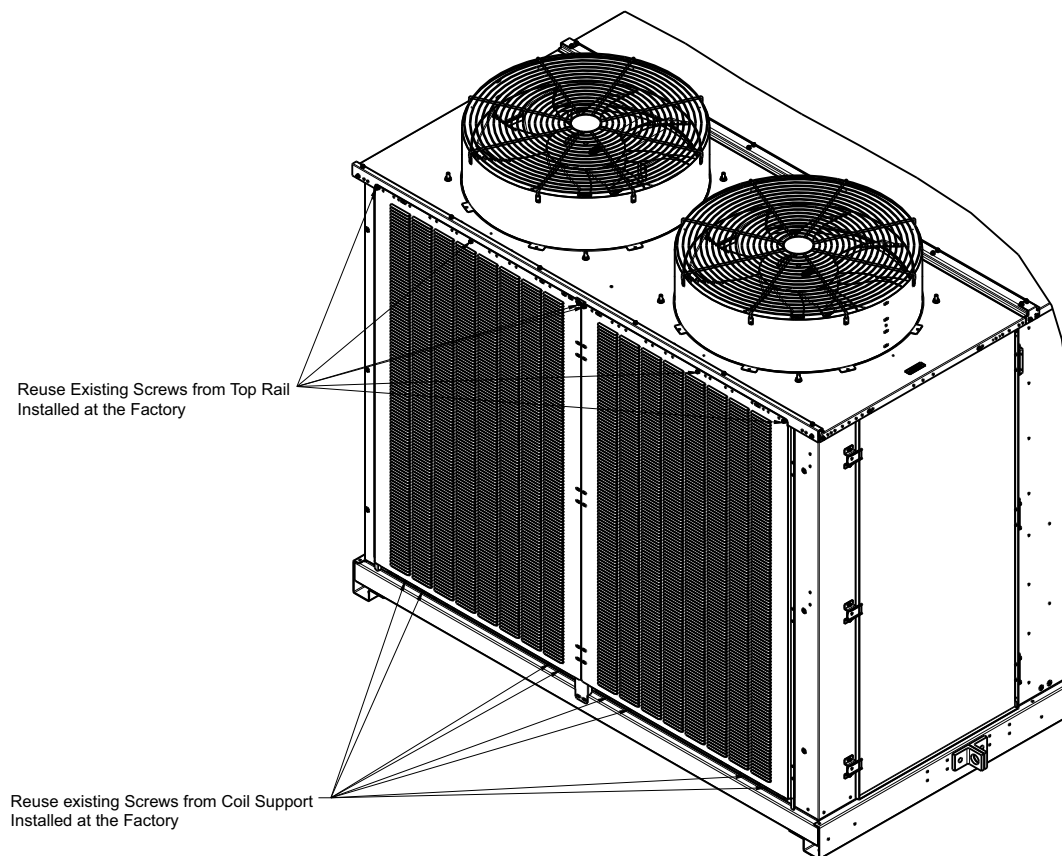


Fig. 1 — Remove Screws

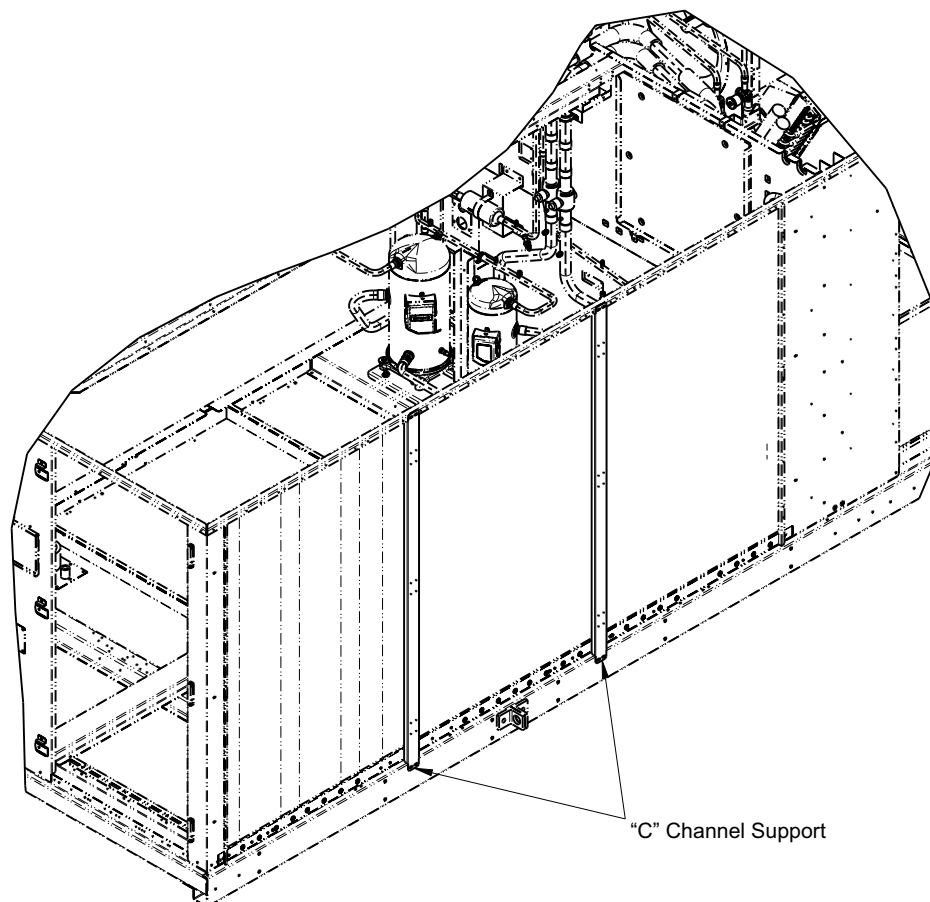


Fig. 2 — "C" Channel Support

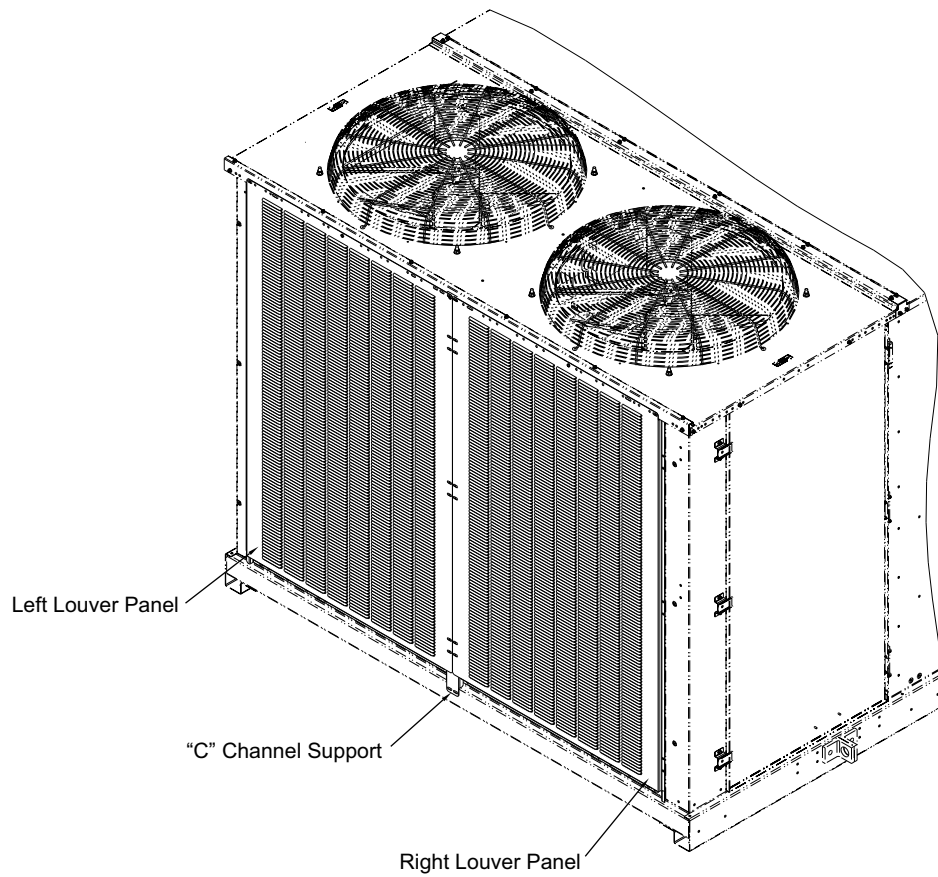


Fig. 3 — Small Chassis

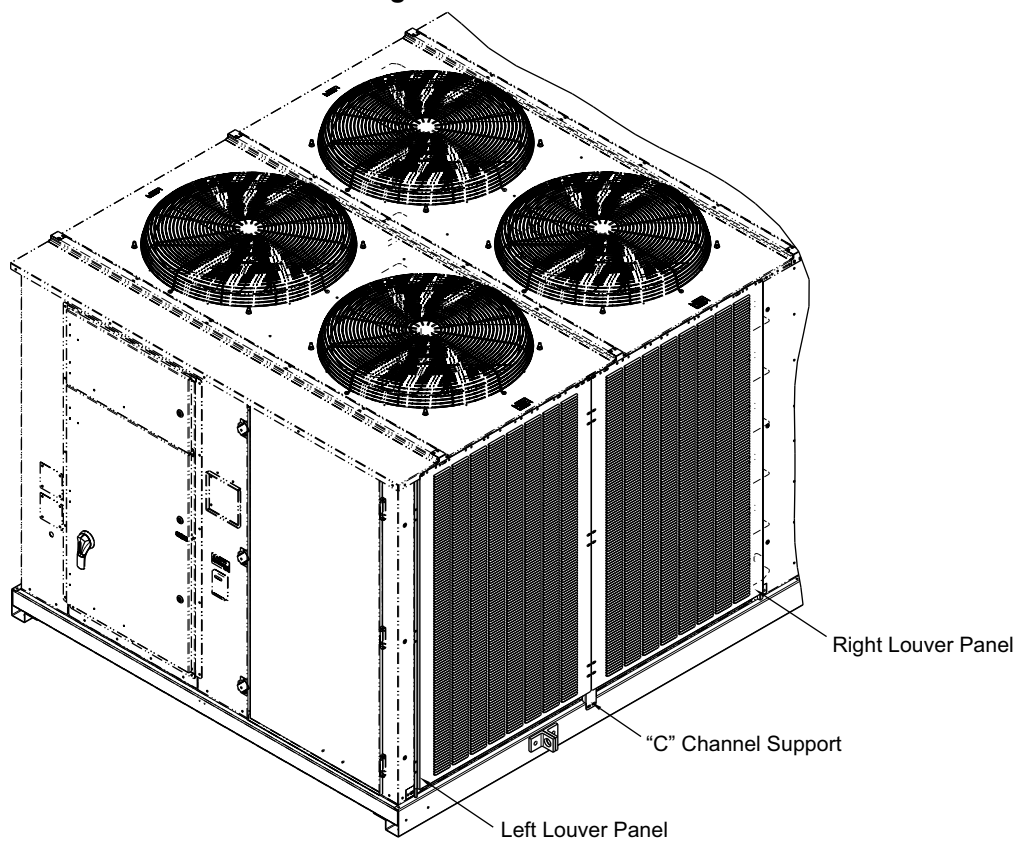
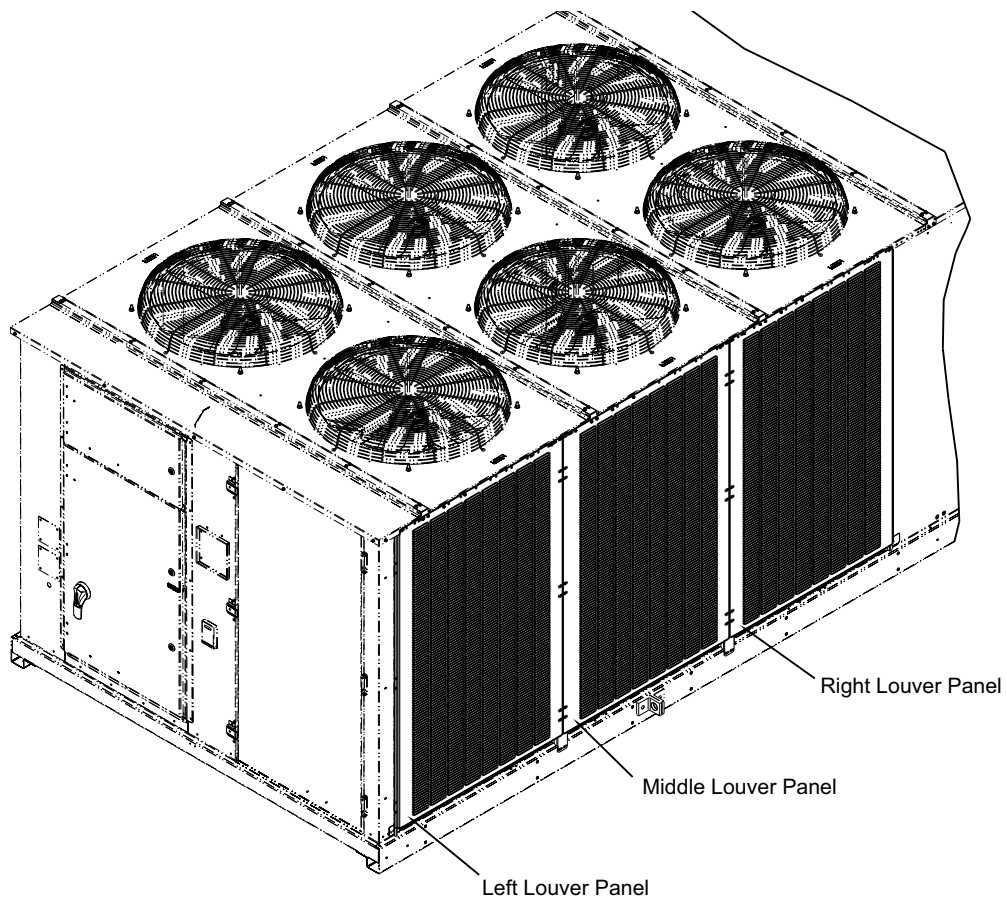


Fig. 4 — Medium Chassis



NOTE: The "C" channel support for 60T units are already installed on the unit from the factory.

Fig. 5 — Large Chassis