

**High and Standard Efficiency Small Rooftop Units  
3 to 12<sup>1</sup>/<sub>2</sub> Tons**  
**High and Standard Efficiency Split-System Heat Pumps  
and Condensing Units  
6 to 10 Tons**  
**Accessory Outdoor Coil Grille**

Cancels: IIK 548-36-50    IIK 548-36-54  
11/15/02

# Installation Instructions

Part Numbers: CAGRILLE001A00, CAGRILLE002A00, CAGRILLE003A00  
CAGRILLE005A00, CRGRILLE003A00, CRGRILLE004A00  
CRGRILLE005A00, CRGRILLE006A00, CRGRILLE007A00  
CRGRILLE008A00

## GENERAL

NOTE: Read and become familiar with these instructions before beginning installation.

The accessory condenser coil grille is used for protection of the condenser coil. See Tables 1 and 2 for usage and package contents.

**Table 1 — Usage and Package Contents —  
Small Rooftop Units**

UNIT SIZE	GRILLE PACKAGE PART NO.	PACKAGE CONTENTS
Standard Efficiency Gas Heating/ Electric Cooling and Electric Cooling Units 3 and 4 Tons	CRGRILLE006A00	2 Wire Grilles: 1 — 21.0 x 29.2 in. 1 — 31.2 x 29.2 in. 6 Screws
Standard Efficiency Gas Heating/ Electric Cooling and Electric Cooling Units 5 and 6 Tons	CRGRILLE007A00	2 Wire Grilles: 1 — 23.5 x 29.2 in. 1 — 31.2 x 29.2 in. 6 Screws
Standard and High Efficiency 7 <sup>1</sup> / <sub>2</sub> Tons, Standard Efficiency 8 <sup>1</sup> / <sub>2</sub> Tons, High Efficiency 8 <sup>1</sup> / <sub>2</sub> Tons (50 Hz), and High Efficiency 8 <sup>1</sup> / <sub>2</sub> Tons Serial Numbers Below 4602G	CRGRILLE003A00	4 Wire Grilles*: 1 — 17.2 x 37.2 in. 1 — 32.9 x 37.2 in. 2 — 42.9 x 37.2 in. 6 Screws
Standard and High Efficiency 10 and 12 <sup>1</sup> / <sub>2</sub> Tons, High Efficiency 8 <sup>1</sup> / <sub>2</sub> Tons (60 Hz) Serial Numbers 4602G and Above	CRGRILLE004A00	4 Wire Grilles*: 1 — 17.2 x 45.2 in. 1 — 27.0 x 45.2 in. 2 — 42.9 x 45.2 in. 6 Screws
Standard Efficiency Heat Pump Units and High Efficiency 3 to 5 Tons, and High Efficiency 6 Ton Units Serial Numbers Below 3002G	CRGRILLE005A00	2 Wire Grilles: 1 — 23.4 x 29.2 in. 1 — 23.5 x 29.2 in. 6 Screws
High Efficiency Heat Pump Unit Serial Numbers 0902G and Above and High Efficiency Small Rooftop Unit Serial Numbers 3002G and Above 6 Tons	CRGRILLE008A00	2 Wire Grilles: 2 — 23.5 x 37.2 in. 13 Screws

\*Only 2 grilles are used. Use the 2 grilles that match the unit coil configuration. Discard the other grilles.

**Table 2 — Usage and Package Contents —  
Split System Units**

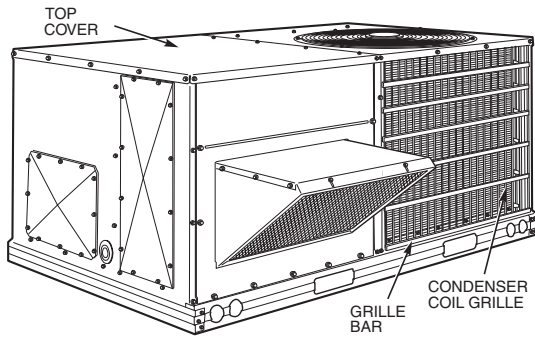
UNIT SIZE	GRILLE PACKAGE PART NO.	PACKAGE CONTENTS
6 Ton Standard Efficiency Condensing Units	CAGRILLE001A00	2 Wire Grilles: 1 — 29.0 x 29.2 in. 1 — 36.0 x 29.2 in. 5 Screws
7 <sup>1</sup> / <sub>2</sub> and 8 <sup>1</sup> / <sub>2</sub> Ton Standard Efficiency Heat Pump or Condensing Units with Semi-Hermetic or Hermetic Compressors and 10 Ton Standard Efficiency Condensing Units with Semi-Hermetic Compressors	CAGRILLE002A00	3 Wire Grilles: 1 — 9.9 x 37.2 in. 1 — 28.7 x 37.2 in. 1 — 36.0 x 37.2 in. 6 Screws
10 Ton Standard Efficiency Condensing Units with Hermetic Compressors	CAGRILLE003A00	3 Wire Grilles: 1 — 19.9 x 37.2 in. 1 — 28.7 x 37.2 in. 1 — 36.0 x 37.2 in. 6 Screws
6, 7 <sup>1</sup> / <sub>2</sub> , 8 <sup>1</sup> / <sub>2</sub> , 10 Ton High Efficiency Condensing Units	CAGRILLE005A00	4 Wire Grilles: 2 — 31.5 x 29.2 in. 1 — 22.9 x 29.2 in. 1 — 26.2 x 29.2 in. 5 Screws

## INSTALLATION

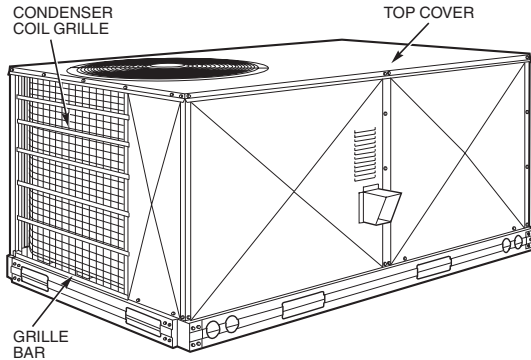
### Small Rooftop Units

NOTE: Extra grilles have been provided to match different coil configurations. Use the 2 grilles that fit over the coil areas. Discard the other grilles.

1. Remove screws from side flanges of the basepan in the grille areas on front of unit. Save screws.
2. Position grille under top cover flange. Secure with screws provided. See Fig. 1.
3. Install screws saved from Step 1 in basepan side flanges through the holes in the bottom grille bar.
4. Remove screws from side flanges of the basepan in the grille areas on side of unit. Save screws.
5. Position remaining grille under top cover flange. Secure with 2 screws provided. See Fig. 2.
6. Replace screws saved from Step 4 in basepan side flanges through the holes in the bottom grille bar.



**Fig. 1 — Grille Installed on Front Unit (Small Rooftop Units)**



**Fig. 2 — Grille Installed on Side of Unit (Small Rooftop Units)**

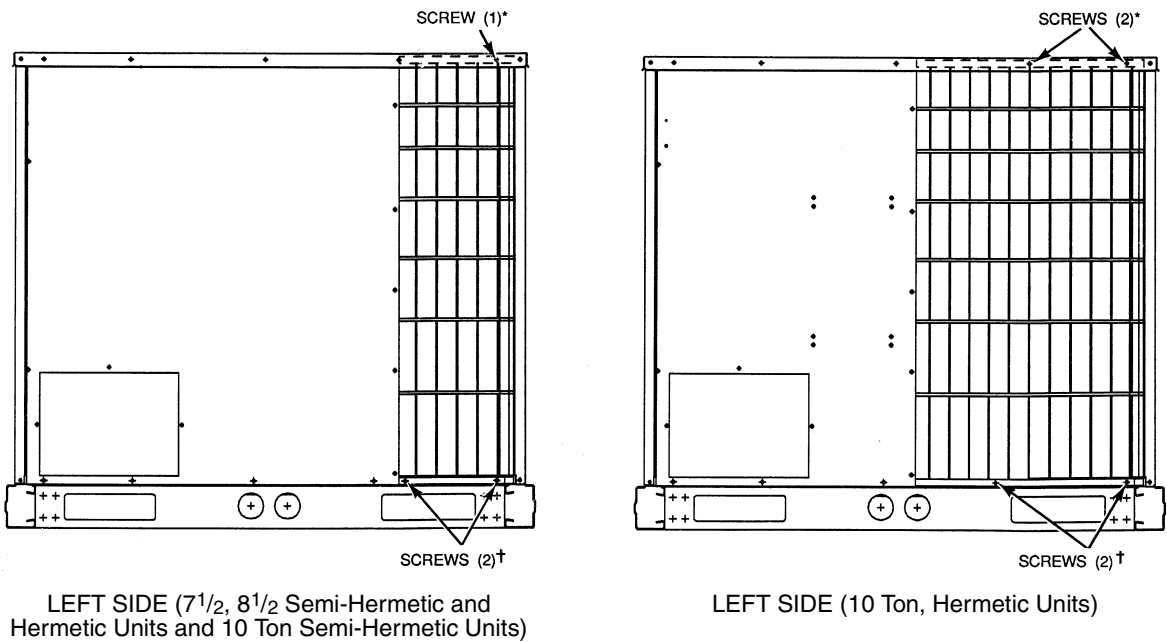
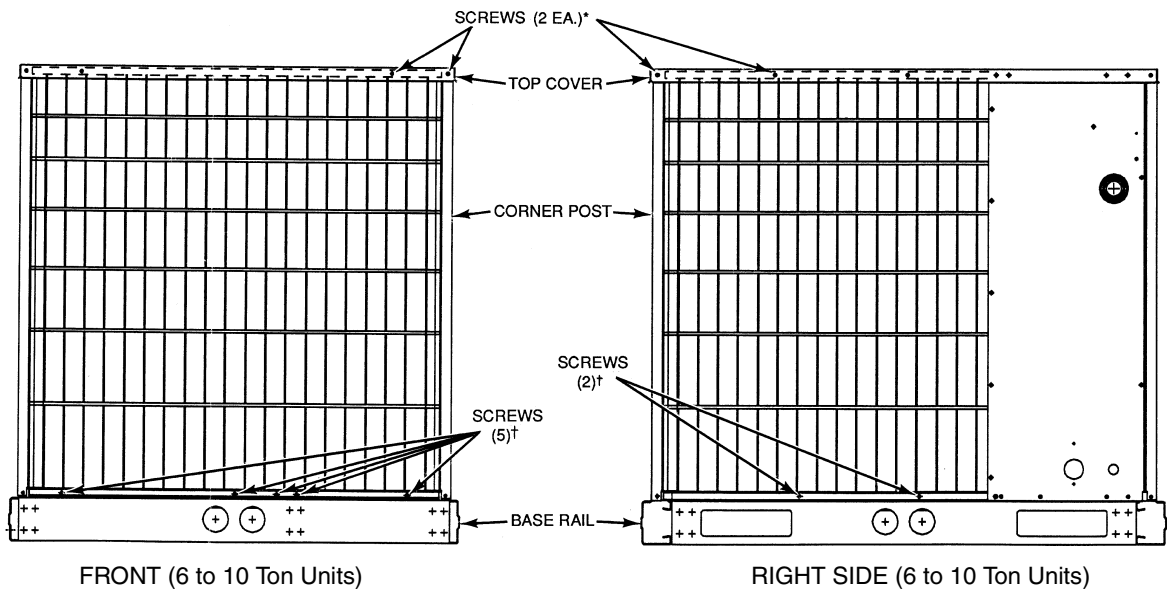
## Split System Units

1. Remove condenser coil guards from protective packaging. The 6 ton standard efficiency unit accessory contains 2 coil grilles. The 7<sup>1</sup>/<sub>2</sub>, 8<sup>1</sup>/<sub>2</sub>, and 10 ton standard efficiency unit accessory contains 3 coil grilles. The high efficiency condensing unit accessory contains 4 grilles.
2. Remove and save screws securing basepan to unit base rails. See Fig. 3 and 4. (The basepan is located at the base of the unit and folds over the base rails.)
3. To position coil guards in place on the condensing unit, slide the top of the coil guards between the unit top cover and corner posts. Slide the upper flat stock crosspiece of the grille behind corner posts and panels on each side. Push the bottom of the coil guards into place flush with the basepan edge.
4. Secure the bottom of the coil guards in place by replacing the screws removed in Step 2.
5. On all units except high efficiency split system units, secure the coil guards into the top cover of the unit using the screws provided in a packet with the coil guards. See Fig. 3.

**NOTE:** On some units, it may be necessary to drill holes in the top cover of the unit, in order to insert screws. When drilling through the top cover, place a sheet metal backing plate behind the flange, in front of the coil area.

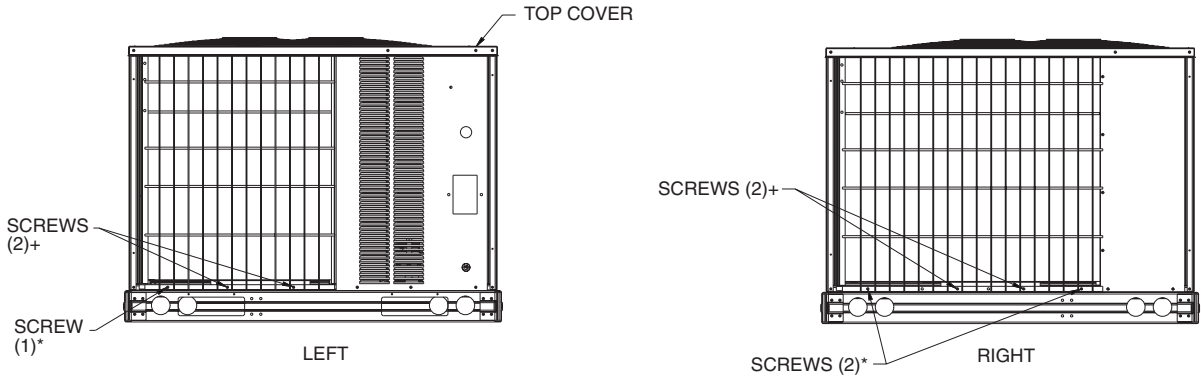
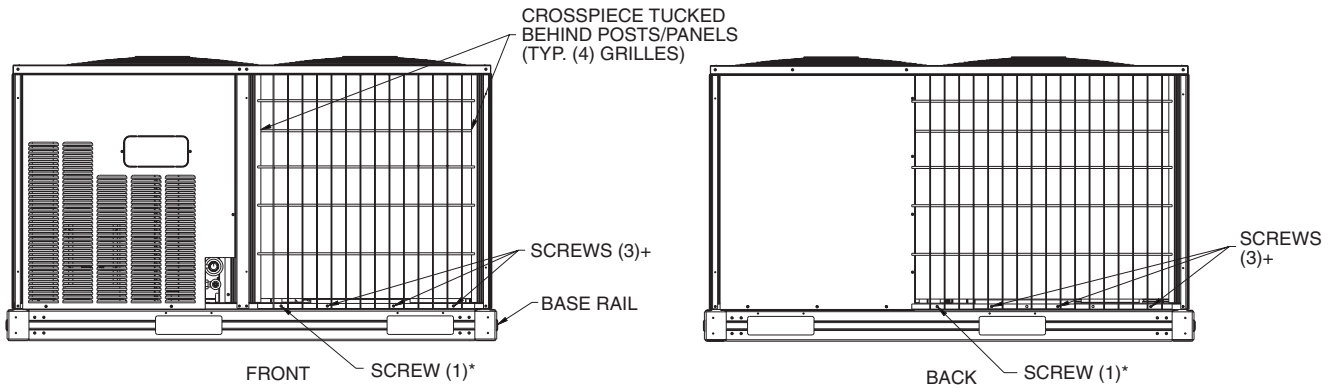
### **⚠ CAUTION**

Do not allow drill to enter coil area when drilling holes in flange.



\*Screws are provided in coil guard package.  
 †Screws are pre-inserted in condensing unit.

**Fig. 3 — Grille Installed on Standard Efficiency Split System Units**



\*Screws are provided in coil guard package.  
 †Screws are pre-inserted in condensing unit.

**Fig. 4 — Grilles Installed on High Efficiency Split System Units**