



# Installation Instructions

Part No.: 30GT911027, 028  
30GT911030-033  
30GT911045, 046, 048

## SAFETY CONSIDERATIONS

When installing this accessory, observe precautions in the literature and on any labels attached to the equipment, and all other safety precautions that may apply.

- Follow all safety codes.
- Wear safety glasses and work gloves.
- Use care in handling and installing this accessory.



### ELECTRIC SHOCK HAZARD.

Open and tag all remote disconnects before installing this equipment, to avoid the possibility of electrical shock.

## INTRODUCTION

The accessory security grille packages help to prevent unit damage by debris or vandalism. The packages protect chiller coolers, compressors, and condenser coils in 09DK; 30GTN, GTR,GUN,GUR,GN,GT; 38AH; and 48/50MP units. See Table 1 for a list of the accessory packages available for each unit model and size. See Table 2 for accessory package contents.

Table 1 — Unit Application

UNIT				(QUANTITY) GRILLE PACKAGES	GRILLE LOCATIONS*
09DK	30GTN,GTR,GUN, GUR,GN,GT	38AH	48/50MP		
UNIT SIZE					
054,064	040-050	044-064; Modules 124A/B, 134A	—	(1) 30GT911027	Side (Upper)
				(1) 30GT911027	Side (Lower)
				(1) 30GT911030	End
074,084	060,070	074,084; Module 134B	B62L	(1) 30GT911027	Side (Lower)
				(1) 30GT911030	End
				(1) 30GT911031	Side (Lower)
				(1) 30GT911032	Side (Upper)
				(1) 30GT911033	Side (Upper)
094	080,090; Modules 230B, 245B	094,104	70M, 82N	(1) 30GT911027	End
				(3) 30GT911028	Side (Lower)
				(3) 30GT911048	Side (Upper)
—	100,110; Modules 255B-315B	—	90P, 10R	(1) 30GT911027	End
				(4) 30GT911028	Side (Lower)
				(4) 30GT911048	Side (Upper)
—	130-170; Modules 230A-315A,330A/B, 360B (50 Hz)	—	—	(1) 30GT911027	Side (Lower)
				(1) 30GT911045	End, Side (Lower)
				(5) 30GT911048	Side (Upper)
—	190-210; Modules 290A, 315A, 360A, 360B (60 Hz), 390A/B, 420A/B	—	—	(2) 30GT911027	Side (Lower)
				(1) 30GT911046	End, Side (Lower)
				(6) 30GT911048	Side (Upper)

\*Part number 30GT911027 can be used in end, lower side, or upper side locations, depending on unit model. Part numbers 30GT11045 and 30GT11046 can be used in end or lower side locations, as required.

NOTE: Units 30GTN,GTR,GUN,GUR,GN,GT230-420 and 38AH124,134 are shipped from the factory as 2 modules for ease of handling. When the 2 modules are installed, the module ends face each other. Grilles for the facing ends are not used. Units 48/50MP 62L-10R use grilles only on the control box end and on two sides.

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**Table 2 — Accessory Package Contents**

<b>30GT911027 End, Upper Side or Lower Side Grille</b>
4 Grilles — Each $35\frac{3}{4} \times 33\frac{7}{16}$ in. (907 x 848 mm)
12 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911028 Lower Side Grille</b>
2 Grilles — Each $35\frac{3}{4} \times 37\frac{7}{16}$ in. (907 x 950 mm)
6 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911030 End Grille</b>
4 Grilles — Each $35\frac{3}{4} \times 24\frac{13}{16}$ in. (907 x 630 mm)
12 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911031 Lower Side Grille</b>
2 Grilles — Each $20\frac{7}{8} \times 33\frac{7}{16}$ in. (529 x 848 mm)
4 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911032 Upper Side Grille</b>
2 Grilles — Each $21\frac{1}{4} \times 41\frac{5}{16}$ in. (529 x 1049 mm)
4 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911033 Upper Side Grille</b>
4 Grilles — Each $35\frac{1}{2} \times 41\frac{5}{16}$ in. (902 x 1049 mm)
12 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911045 Lower Side and End Grilles</b>
3 Grilles — Each $35\frac{3}{4} \times 33\frac{7}{16}$ in. (907 x 848 mm)
1 Grille — $33\frac{1}{8} \times 33\frac{7}{16}$ in. (842 x 848 mm)
4 Grilles — Each $35\frac{3}{4} \times 29\frac{7}{16}$ in. (907 x 748 mm)
24 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911046 Lower Side and End Grilles</b>
1 Grille — $35\frac{3}{4} \times 33\frac{7}{16}$ in. (907 x 848 mm)
1 Grille — $33\frac{1}{8} \times 33\frac{7}{16}$ in. (842 x 848 mm)
4 Grilles — Each $35\frac{3}{4} \times 29\frac{7}{16}$ in. (907 x 748 mm)
18 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.
<b>30GT911048 Upper Side Grille</b>
2 Grilles — Each $35\frac{3}{4} \times 50$ in. (907 x 1270 mm)
2 Mounting Angles
2 Screws — Size $\frac{1}{4}$ -14 x $\frac{3}{4}$ in.

## INSTALLATION

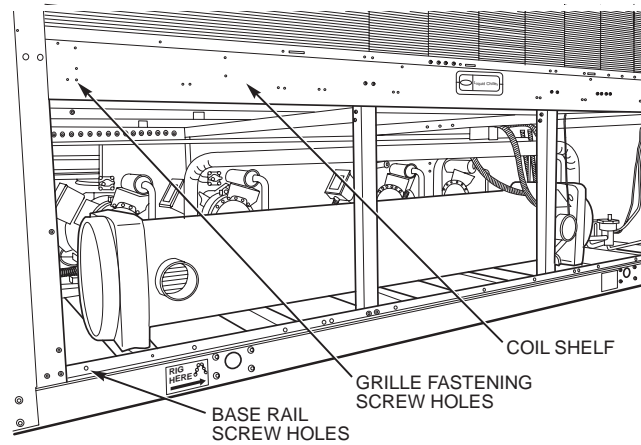
**Step 1** — Inspect package contents for any missing or damaged parts. File a claim with the shipping company if any item is missing or damaged, and notify your Carrier representative.

**Step 2** — Remove grilles from package.

**Step 3** — See Fig. 1 for location of lower side grille screw holes in condenser coil shelf and base rail. For end grilles, fasten grilles to C-channel. Openings are required to permit cooler fluid connections (and for some units, power connections) to chiller units only. Grille locations are shown in Fig. 2.

**Step 4** — To install lower side grilles, engage the grille bottom posts in the unit base rail holes provided, with posts pointing inward. See Fig. 3.

**Step 5** — On lower side grilles, fasten upper hooks using screws provided and pre-drilled screw holes in condenser coil shelf. See Fig. 4.



**Fig. 1 — Location of Screw Holes**

### Step 6

FOR UNITS 09DK054-084; 30GTN,GTR,GUN,GUR,GN,GT040-070; 38AH044-084,124,134; 48/50MP62L:

- To install upper side grilles, engage the grille bottom posts in the unit coil shelf holes provided, with posts pointing inward. See Fig. 5.
- Fasten grille hooks of upper side grilles using screws provided and pre-drilled screw holes in condenser top rail. See Fig. 5.

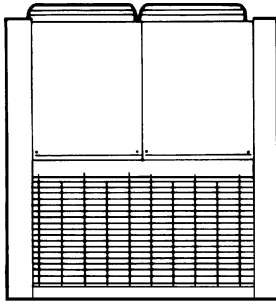
FOR UNITS 09DK094; 30GTN,GTR,GUN,GUR,GN,GT080-420; 38AH094,104; 48/50MP70M-10R:

- To install each upper side grille, loosen 3 screws on fan deck of unit over condenser coil. See Fig. 6. Slide the mounting angle under the fan deck and engage mounting angle slots with the screw holes.
- Once the mounting angle slots and screw holes are in position, tighten the fan deck screws to secure the mounting angle. Attach the grille to the mounting angle at the top with 3 screws provided. Using coil grille hooks, attach the grille to the coil shelf at the bottom with 3 screws provided. See Fig. 7. Repeat procedure for remaining grilles.

NOTE: Holes are pre-drilled.

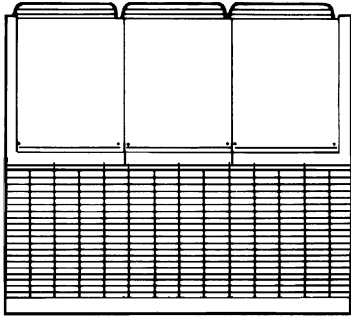
**Step 7** — When all grilles are properly installed and fastened, restore power to unit.

09DK054,064; 30GTN,GTR,GUN,GUR,GN,GT040-050;  
38AH044-064; MODULES 38AH124A/B, 134A  
SIDE VIEW



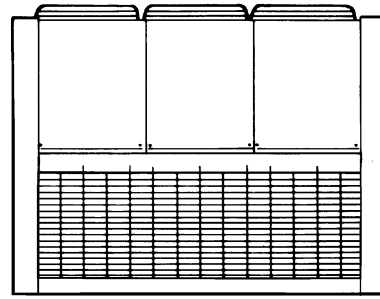
PACKAGES NO. 30GT911027 (1) LOWER SIDE,  
30GT911030 (1) END\*

09DK094; 30GTN,GTR,GUN,GUR,GN,GT080,090;  
48/50MP70M,82N; MODULES 30GTN,GTR,GUN,GUR,GN,  
GT230B,245B; 38AH094,104  
SIDE VIEW



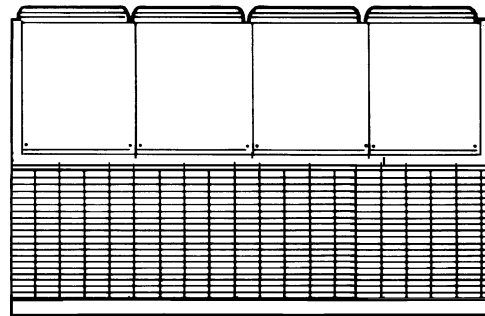
PACKAGES NO. 30GT911027 (1) END\*  
30GT911028 (3) LOWER SIDE

09DK074,084 30GTN,GTR,GUN,GUR,GN,GT060,070;  
38AH074-084; 48/50MP62L; MODULES 38AH134B  
SIDE VIEW



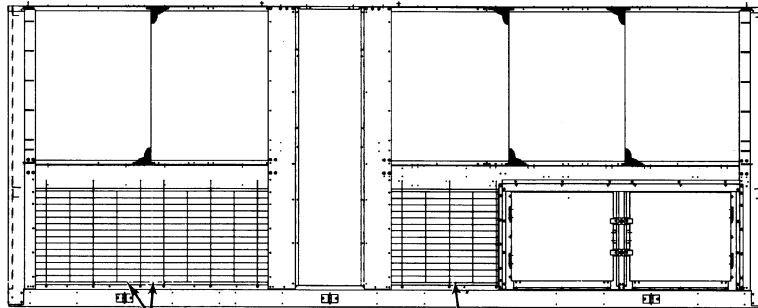
PACKAGES NO. 30GT911027 (1) LOWER SIDE  
30GT911030 (1) END\*  
30GT911031 (1) LOWER SIDE

UNITS 30GTN,GTR,GUN,GUR,GN,GT100,110; 48/50MP90P,10R;  
MODULES 30GTN,GTR,GUN,GUR,GN,GT255B-315B  
SIDE VIEW



PACKAGES NO. 30GT911027 (1) END\*  
30GT911028 (4) LOWER SIDE

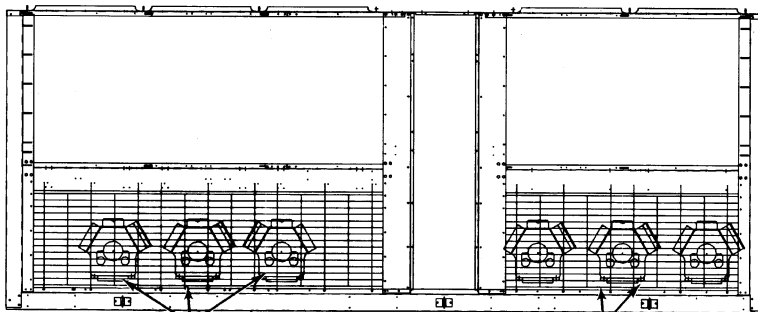
UNITS 30GTN,GTR,GUN,GUR,GN,GT130-170; MODULES 30GTN,GTR,GUN,GUR,GN,GT230A-315A,330A/B,360B (50 Hz)  
SIDE VIEW



PACKAGE NO. 30GT911027

PACKAGE NO. 30GT911045;  
GRILLE: 33 1/8 x 33 7/16 in.  
(842 x 848 mm)

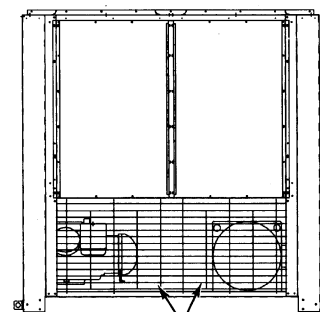
OPPOSITE SIDE VIEW



PACKAGE NO. 30GT911045;  
GRILLE: 35 3/4 x 33 7/16 in.  
(907 x 848 mm)

PACKAGE NO. 30GT911027

END VIEW (TYPICAL BOTH ENDS)\*



PACKAGE NO. 30GT911045;  
GRILLE: 35 3/4 x 29 7/16 in.  
(907 x 748 mm)

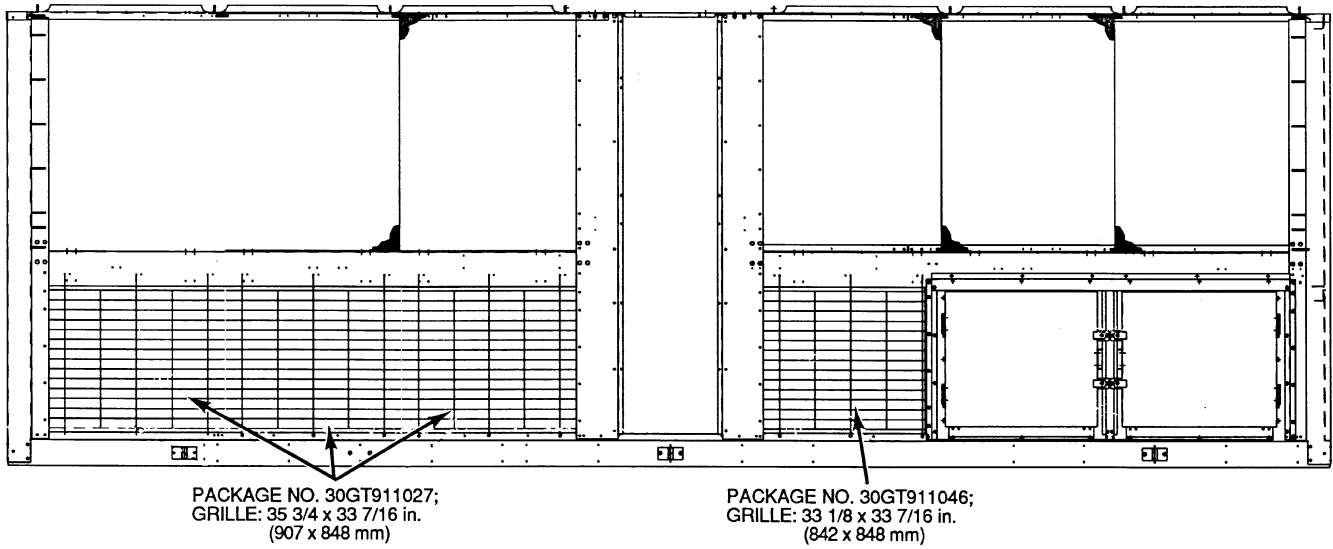
\*On all modular units, when Modules A and B are connected to form one unit, the grilles of facing module ends are not used. On 48/50MP units, install grilles only on control box end and on two sides.

NOTE: Upper side grilles are indicated in Table 1 and Fig. 5 and 7.

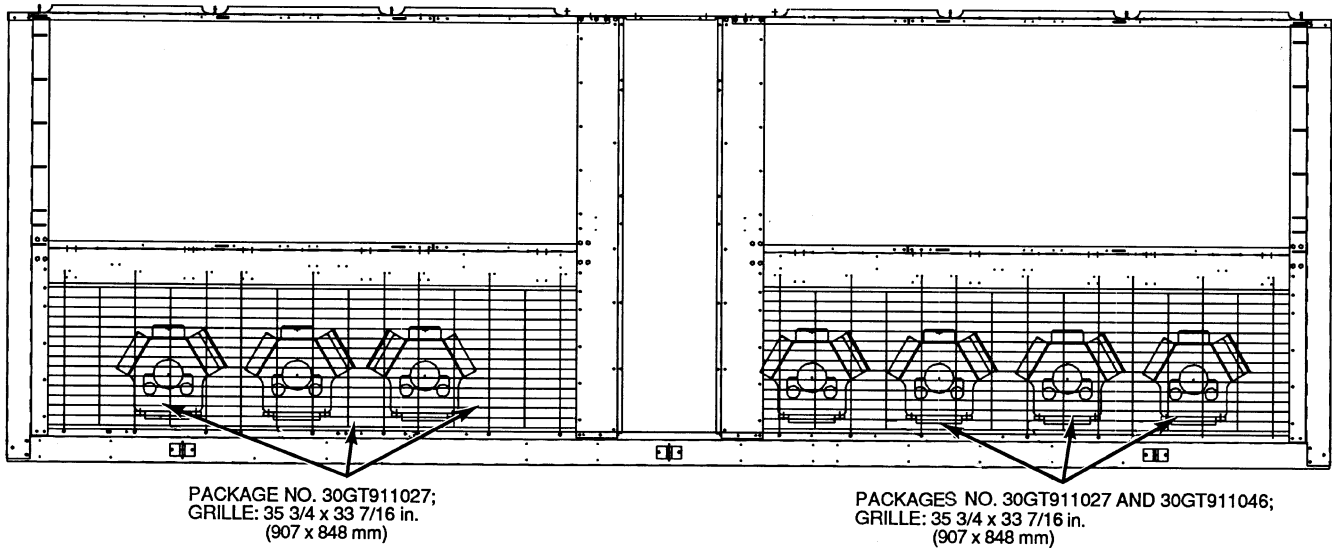
**Fig. 2 — Lower Side and End Grille Locations**

UNITS 30GTN,GTR,GUN,GUR,GN,GT190-210; MODULES 30GTN,GTR,GUN,GUR,GN,GT290A,  
315A,360A,360B (50 Hz); 390A,B, 420A/B

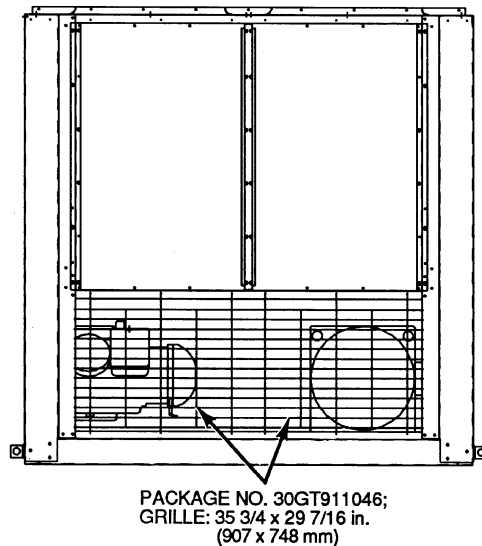
SIDE VIEW



OPPOSITE SIDE VIEW



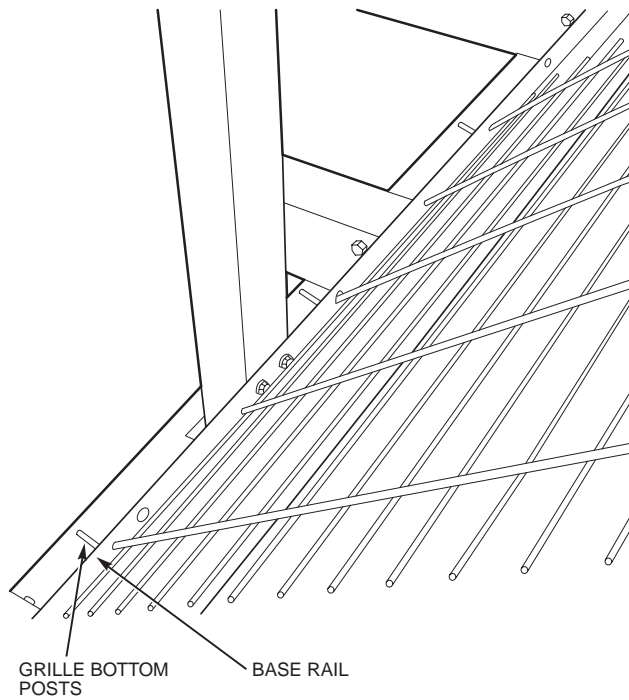
END VIEW (TYPICAL BOTH ENDS)\*



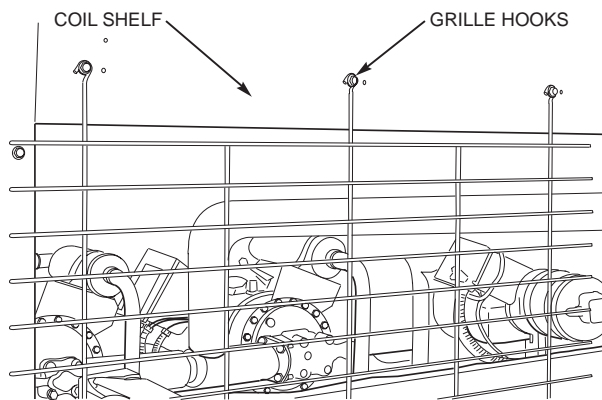
\*On all modular units, when Modules A and B are connected to form one unit, the grilles of facing module ends are not used. On 48/50MP units, install grilles only on control box end and on two sides.

NOTE: Upper side grilles are indicated in Table 1 and Fig. 5 and 7.

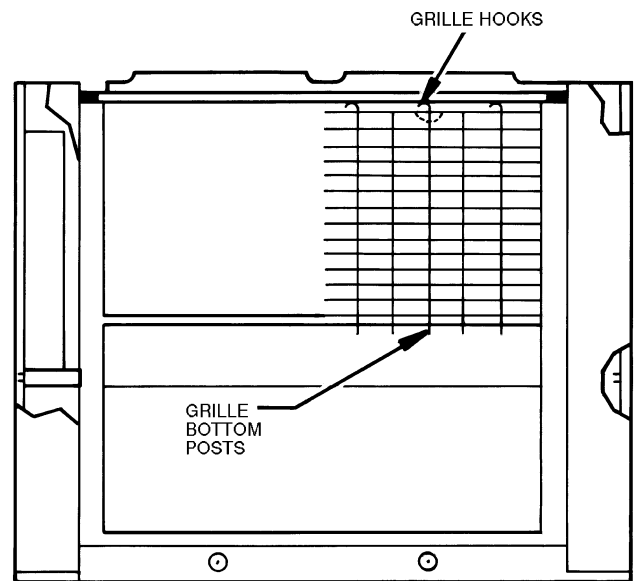
Fig. 2 — Lower Side and End Grille Locations (cont)



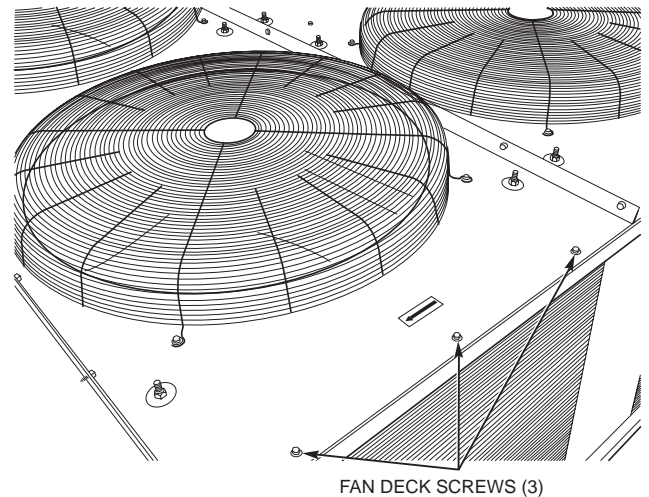
**Fig. 3 — Installing Grille Bottom Posts in Unit Base Rail**



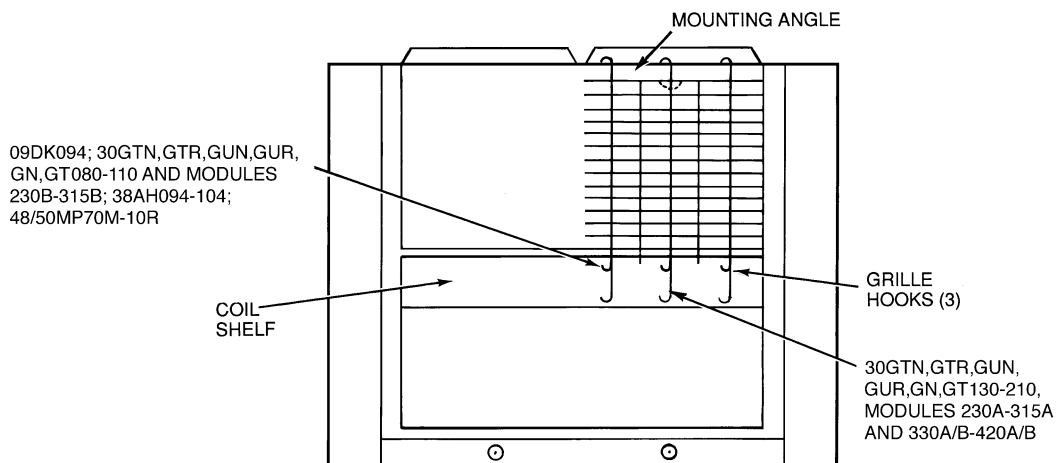
**Fig. 4 — Lower Side Grille Hooks Installed**



**Fig. 5 — Upper Side Grille Installed — Units 09DK054-084; 30GTN,GTR,GUN,GUR,GN,GT040-070; 38AH044-084,124,134; 48/50MP62L (Package No. 30GT911027,032,033)**



**Fig. 6 — Fan Deck Screw Locations (Each Coil Section) — Units 09DK094; 30GTN,GTR,GUN,GUR,GN,GT080-420; 38AH094,014; 48/50MP70M-10R**



NOTE: The grille attaches in different places due to coil size differences on the units.

**Fig. 7 — Upper Side Grille Installed — Units 09DK094; 30GTN,GTR,GUN,GUR,GN,GT080-420; 38AH094,104; 48/50MP70M-10R (Package No. 30GT911048)**





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