



# 30GXN,R080-528, 30GX080-350 Accessory Security Grille Package 50/60 Hz

## Installation Instructions

Part Nos.: 30GX900001  
30GX900002  
30GX900003  
30GX900009  
30GX900010  
30GX900013  
30GX900024  
30GX900034

### 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.

	<p><b>ELECTRIC SHOCK HAZARD.</b> Open and tag all remote disconnects before installing this equipment, to avoid the possibility of electrical shock.</p>
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### INTRODUCTION

The accessory security grille packages help to prevent unit damage by debris or vandalism. See Fig. 1. The packages supplement the standard grilles on the header end of each unit to protect chiller coolers, compressors, coils, and other internal components. See Table 1 for a list of the accessory packages available for each unit size and the grilles contained in each package.

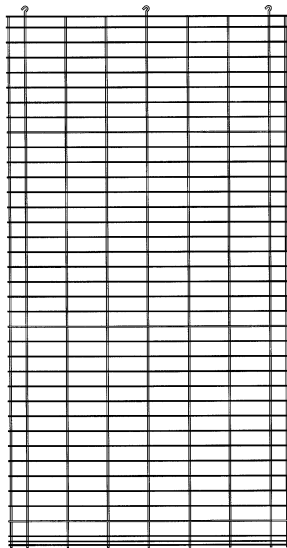


Fig. 1 — Security Grille (Typical)

### 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** — Disconnect all power to unit.

**Step 3** — Remove grilles from package. See Fig. 2-7 for location of grilles according to unit size and grille size. All grille mounting holes are predrilled in unit.

**Step 4** — Orient vertical bars on grilles toward inside of unit. For large side grilles, loosely fasten hooks at tops of grilles to top of unit using screws and washers provided. See Fig. 2-7.

**Step 5** — For small end grilles (part no. 30GX500817), loosely fasten top hooks on sides of grilles to top holes in rails underneath control box using screws and washers provided. See Fig. 2-7.

**Step 6** — For large side grilles, align bottom mounting holes between closely-spaced horizontal bars at bottom of grille. Insert screws and washers between bars and tightly fasten bottom of grille to unit.

**Step 7** — For small end grilles, align bottom set of hooks with bottom holes in end rails under control box. Fasten hooks to rails using screws and washers provided.

**Step 8** — On all grilles, tighten screws holding top grille hooks to unit.

**Step 9** — On large side grilles, use supplied wire ties to fasten adjoining grilles together approximately 18 in. from tops and bottoms of grilles. Align wire ties and clip excess material for a neat appearance.

**Step 10** — When all grilles are properly installed and fastened, restore power to unit.

**Table 1 — Unit Application**

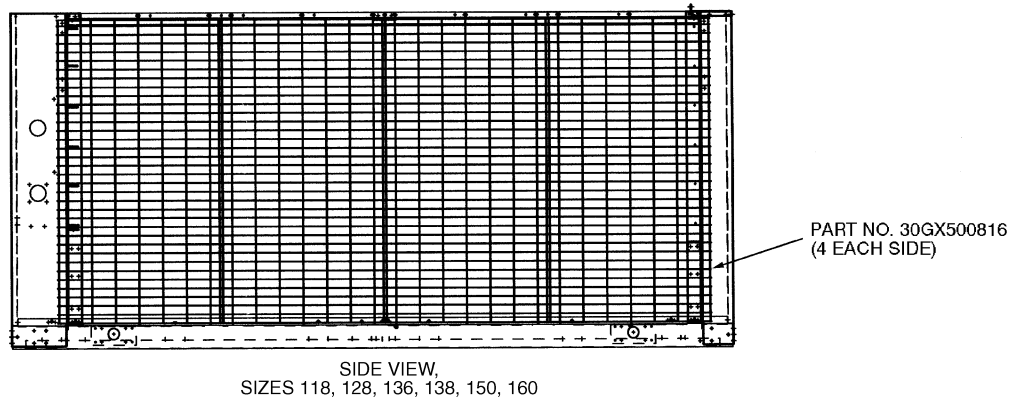
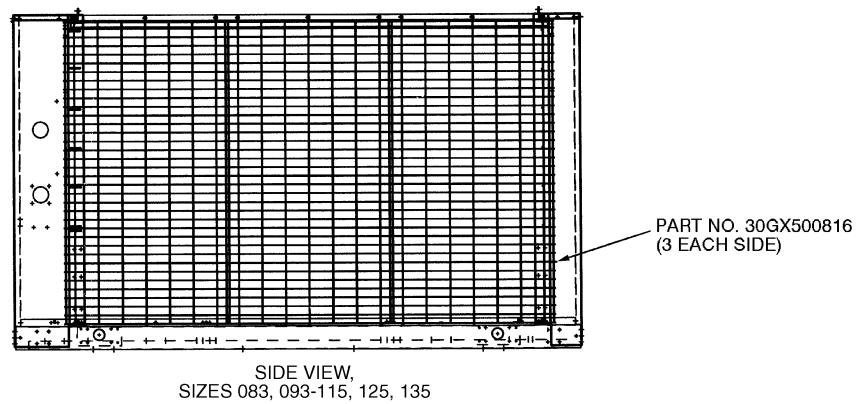
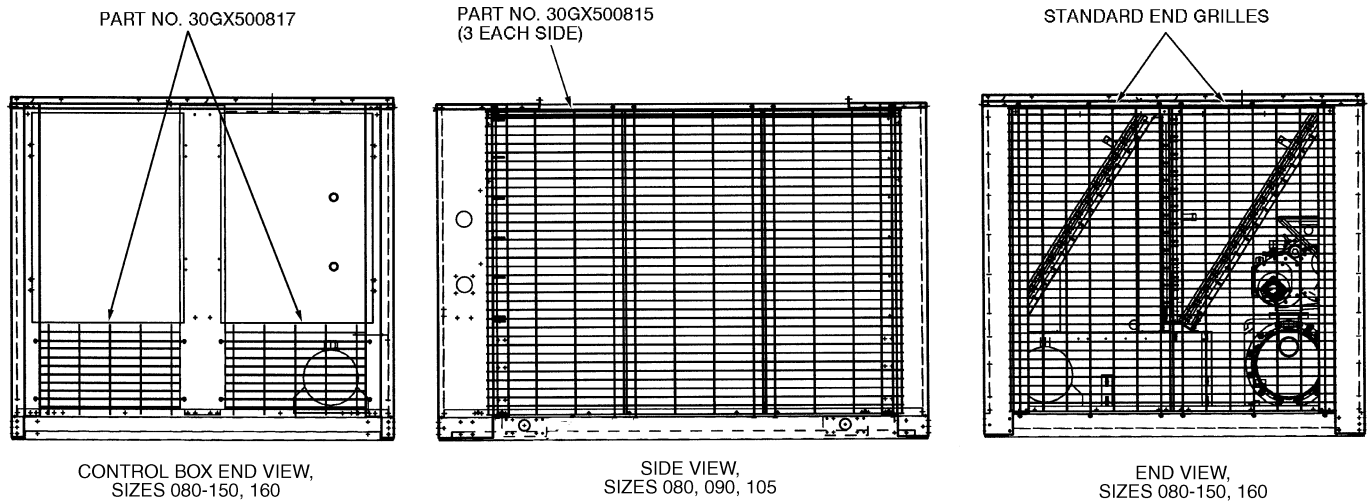
UNIT SIZE	ACCESSORY PART NO.	PACKAGE CONTENTS — (Qty) PART NO., DESCRIPTION
30GX080-105 30GXN,R080, 090*	30GX900001	(6) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(32) Screw, 1/4 -14 x 5/8 in.
		(32) Washer, 3/8 in.
30GX106-125 30GXN,R083, 093-115, 125, 135*	30GX900002	(6) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(44) Screw, 1/4 -14 x 5/8 in.
		(44) Washer, 3/8 in.
30GX136,150,160 30GXN,R118, 128, 138, 150,160*	30GX900003	(8) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(56) Screw, 1/4 -14 x 5/8 in.
		(56) Washer, 3/8 in.
30GX151,161,175,205,225 30GXN,R153, 174, 175, 204, 205, 225*	30GX900013	(7) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(4) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(52) Screw, 1/4 -14 x 5/8 in.
30GX176 30GXN,R163, 178*	30GX900024	(9) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(4) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(68) Screw, 1/4 -14 x 5/8 in.
30GX206,226,250 30GXN,R249, 250, 264*	30GX900009	(6) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(7) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(74) Screw, 1/4 -14 x 5/8 in.
30GX251,265 30GXN,R208, 228*	30GX900010	(7) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(8) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(84) Screw, 1/4 -14 x 5/8 in.
30GX281-350 30GXN,R253, 268-350*	30GX900034	(7) 30GX500815 Grille, 32 <sup>1</sup> / <sub>4</sub> x 71 <sup>1</sup> / <sub>2</sub> in. (819 x 1816 mm)
		(10) 30GX500816 Grille, 38 x 71 <sup>1</sup> / <sub>2</sub> in. (965 x 1816 mm)
		(2) 30GX500817 Grille, 34 <sup>1</sup> / <sub>2</sub> x 20 <sup>5</sup> / <sub>8</sub> in. (876 x 524 mm)
		(92) Screw, 1/4 -14 x 5/8 in.
(92) Washer, 3/8 in.		
(28) Wire Tie		

\*And associated modular sizes. Refer to Table 2 for modular size combinations.

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**Table 2 — 30GXN,R Modular Combination Sizes**

<b>SIZE</b>	<b>MODULE A</b>	<b>CHASSIS SIZE</b>	<b>MODULE B</b>	<b>CHASSIS SIZE</b>
220 (50 Hz only)	125	3	090	2
240 (50 Hz only)	125	3	115	3
275 (50 Hz only)	135	3	135	3
283 (60 Hz & 50 Hz)	153	5	138	4
300 (50 Hz only)	160	4	135	3
303 (60 Hz & 50 Hz)	163	6	138	4
320 (50 Hz only)	160	4	160	4
328 (60 Hz & 50 Hz)	178	6	153	5
345 (50 Hz only)	175	5	175	5
353 (60 Hz & 50 Hz)	178	6	178	6
365 (50 Hz only)	250	6	135	3
370 (60 Hz only)	225	5	150	4
373 (60 Hz & 50 Hz)	253	8	138	4
390 (60 Hz only)	264	6	135	3
393 (60 Hz & 50 Hz)	253	8	153	5
395 (50 Hz only)	264	6	135	3
410 (50 Hz only)	225	5	205	5
415 (60 Hz only)	264	6	160	4
418 (60 Hz & 50 Hz)	268	8	153	5
440 (50 Hz only)	225	5	225	5
450 (60 Hz only)	225	5	225	5
453 (60 Hz & 50 Hz)	228	7	228	7
470 (50 Hz only)	250	6	225	5
475 (60 Hz only)	249	6	225	5
478 (60 Hz & 50 Hz)	253	8	228	7
495 (50 Hz only)	250	6	250	6
500 (60 Hz only)	249	6	249	6
503 (60 Hz & 50 Hz)	253	8	253	8
520 (50 Hz only)	264	6	264	6
525 (60 Hz only)	264	6	264	6
528 (60 Hz & 50 Hz)	268	8	268	8

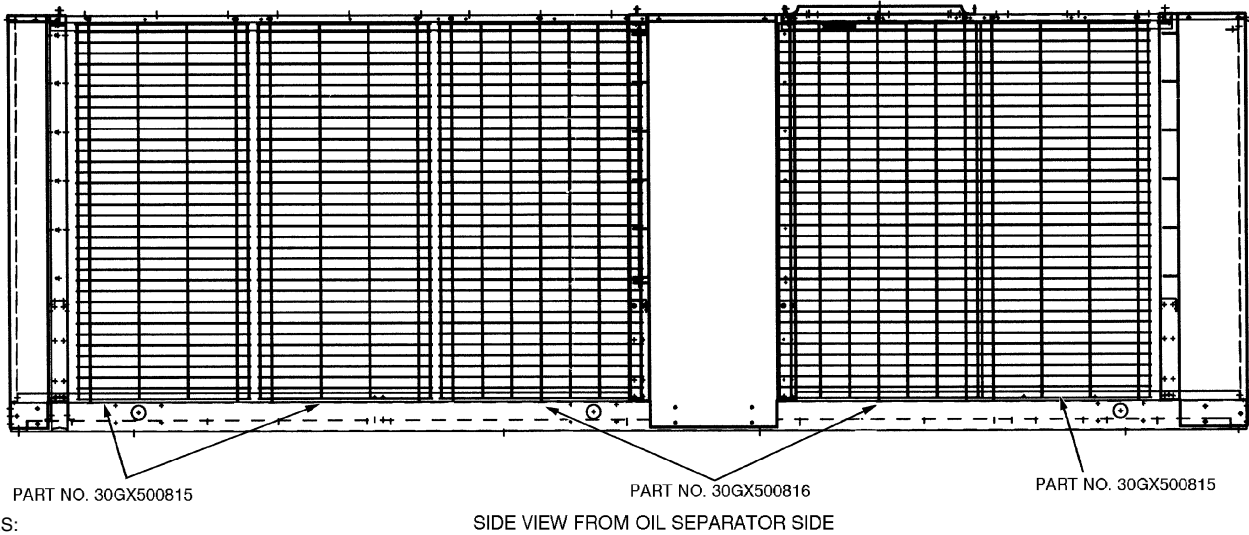
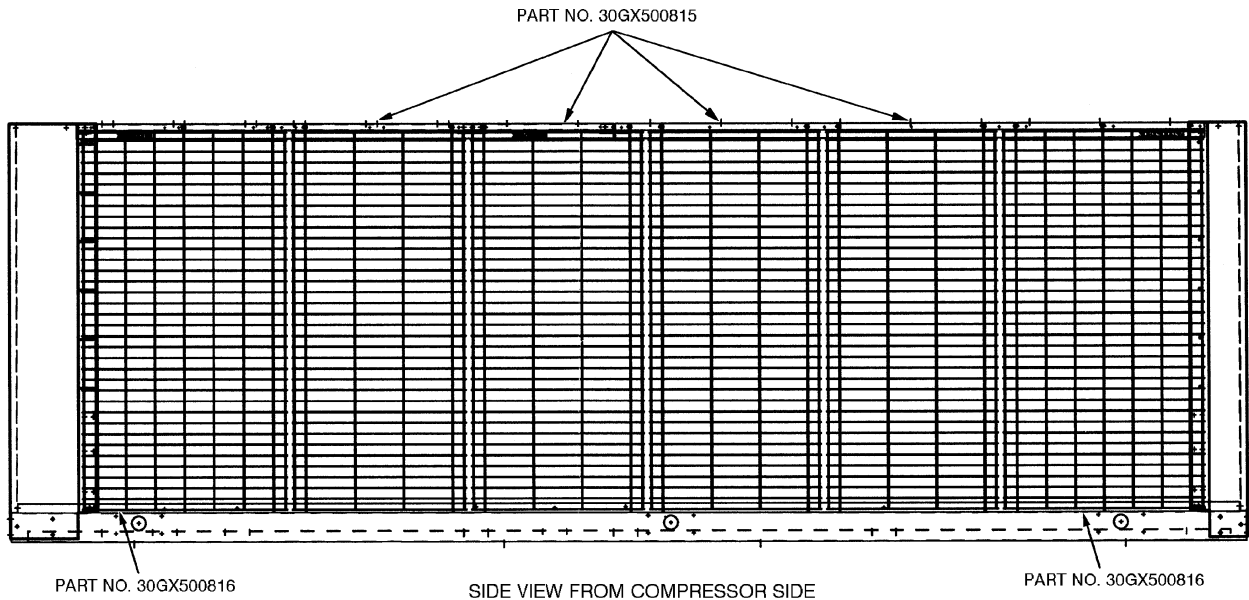


NOTES:

1. Header end grilles are standard on all units.
2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.
3. Refer to Table 2 for modular combinations.

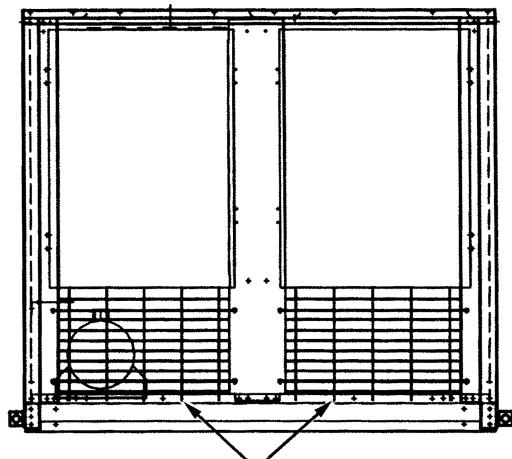


**Fig. 2 — Installed Grille Locations, Sizes 080-150 and 160 (And Associated Modular Sizes)**

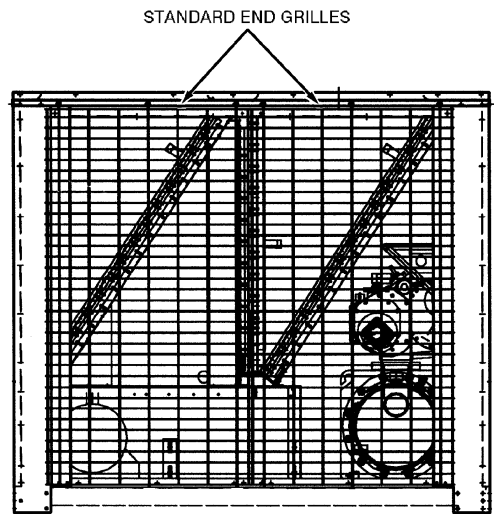


NOTES:

1. Header end grilles are standard on all units.
2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.
3. Only (1) 30GX500817 is used for 30GXN,R204,225 units.
4. Refer to Table 2 for modular combinations.

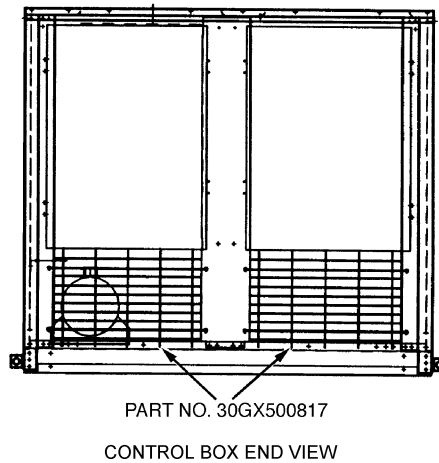
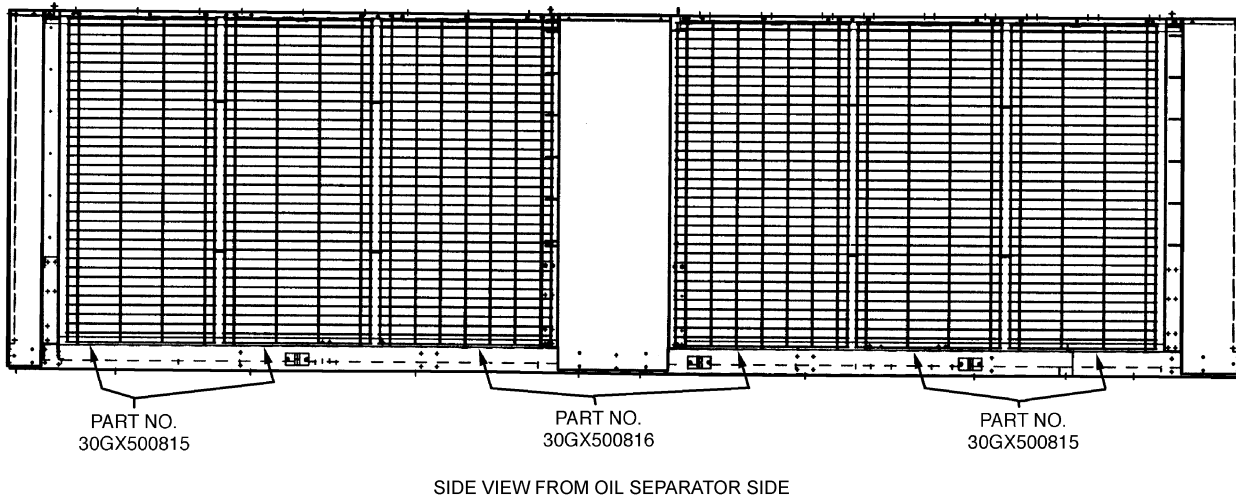
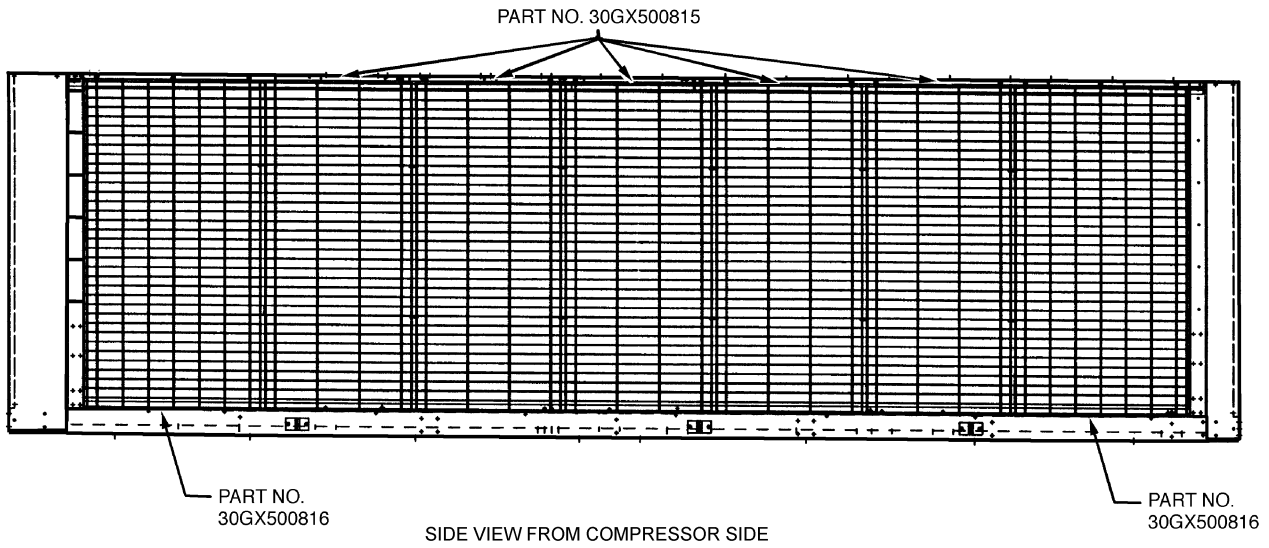


CONTROL BOX END VIEW



END VIEW

**Fig. 3 — Installed Grille Locations, Sizes 151, 153, 161, 174, 175, 204, 205, 225 (And Associated Modular Sizes)**

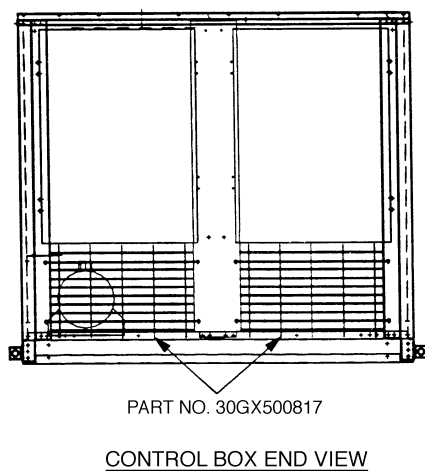
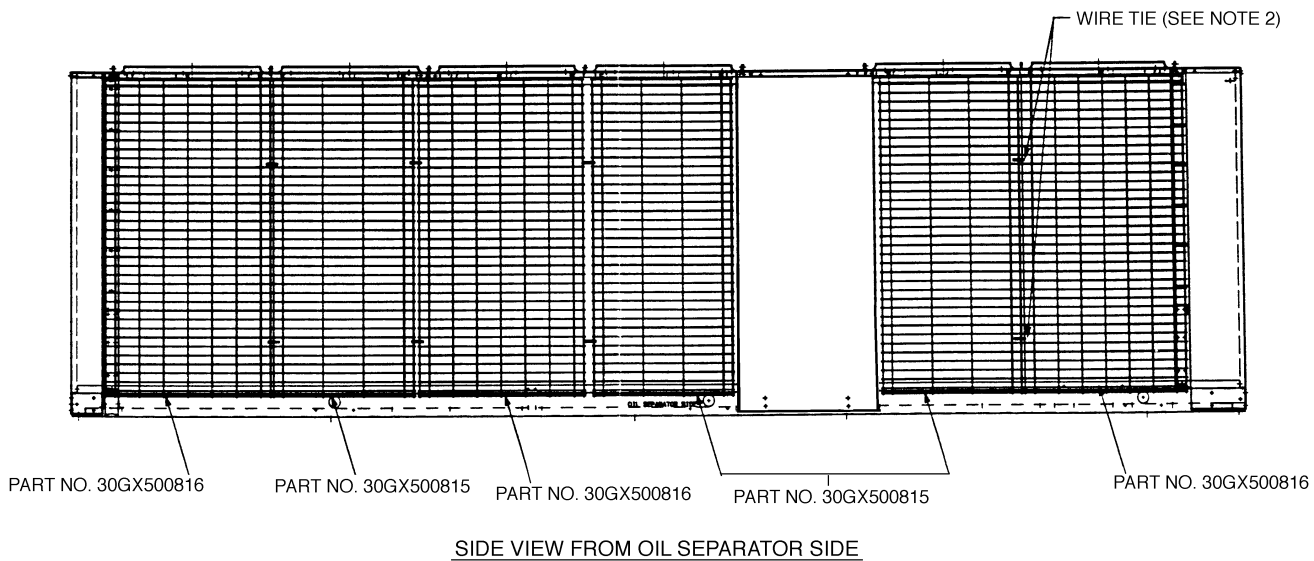
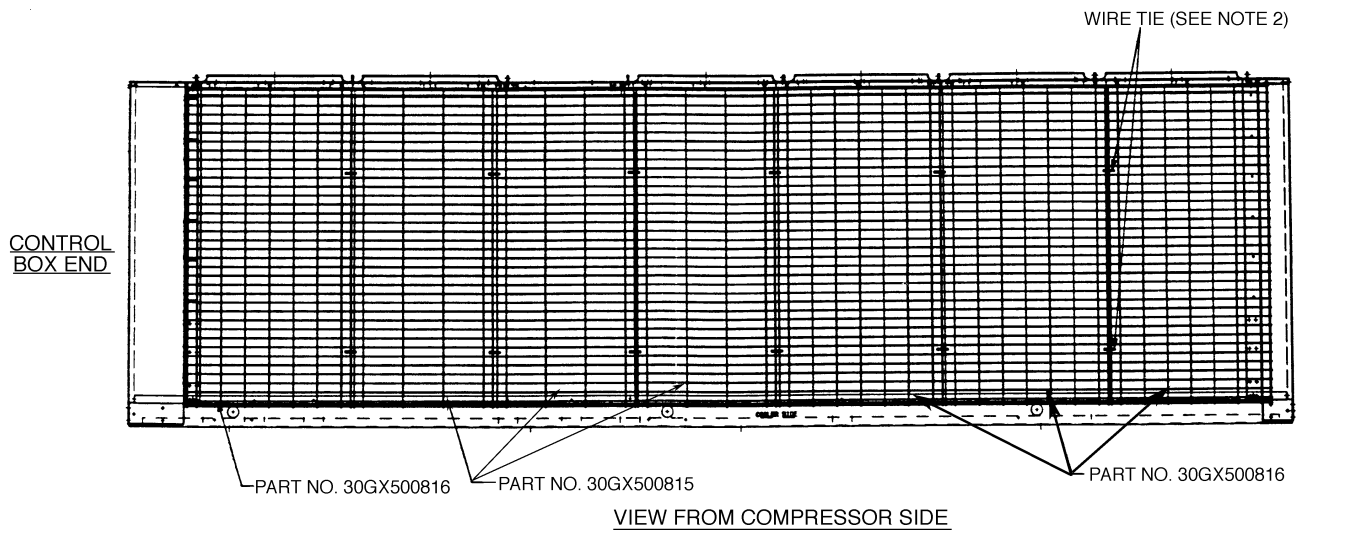


NOTES:

1. Header end grilles are standard on all units.
2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.

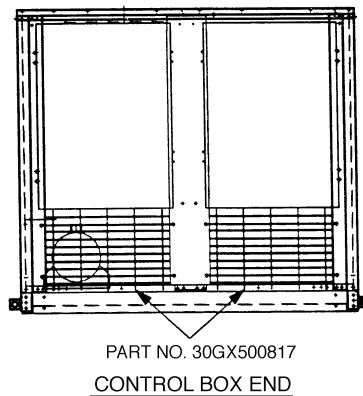
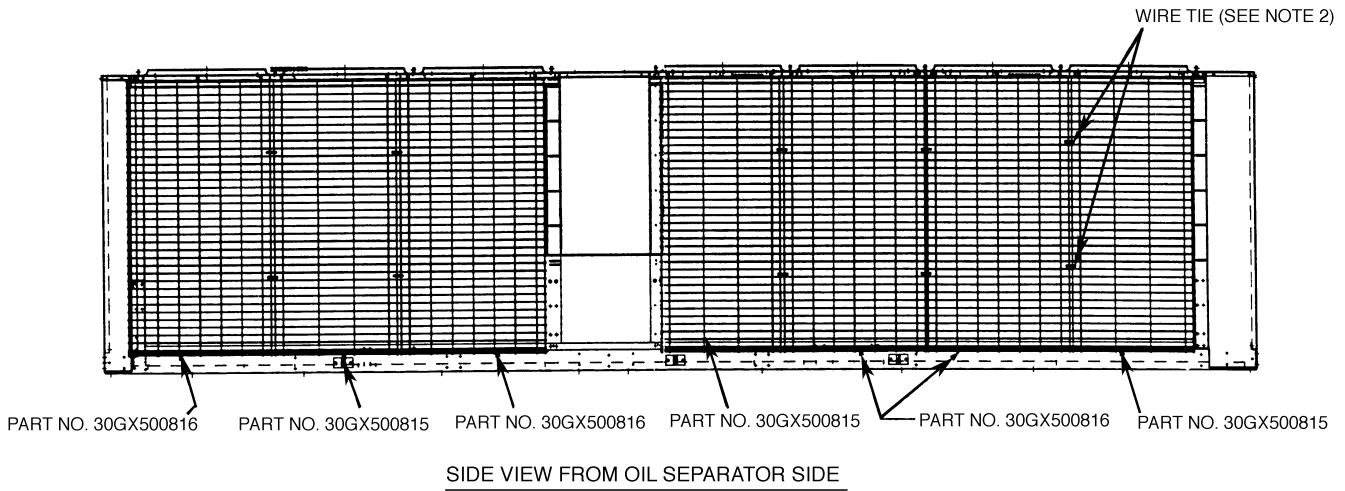
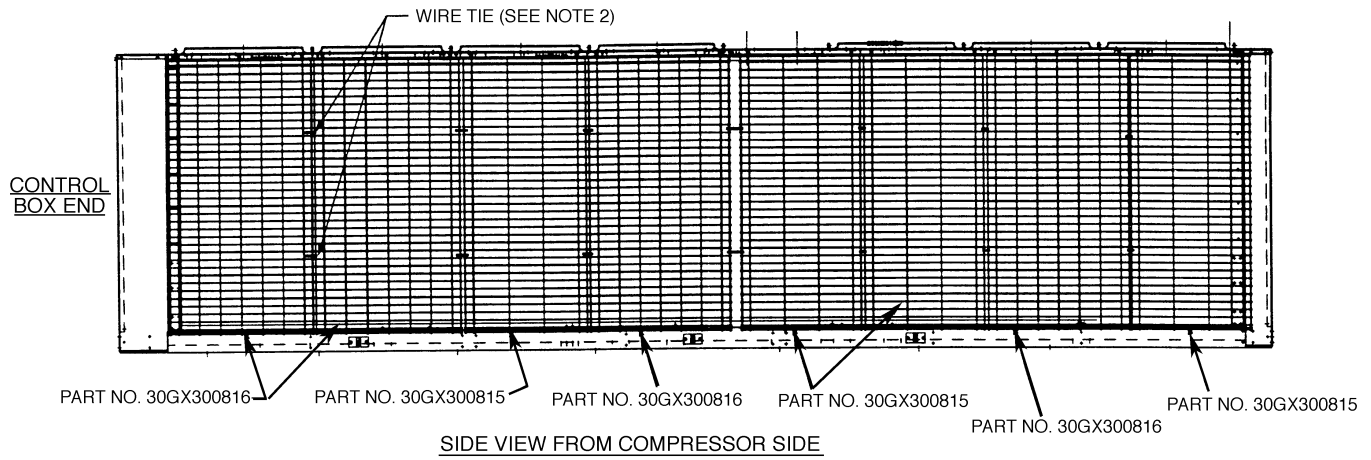
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**Fig. 4 — Installed Grille Locations, Sizes 163, 176, 178**



- NOTES:
1. Header end grilles are standard on all units.
  2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.
  3. Only (1) 30GX500817 is used for 30GXN,R249,250 and 264 models.
  4. Refer to Table 2 for modular size combinations.

**Fig. 5 — Installed Grille Locations, Sizes 206, 226, 249, 250, 264  
(And Associated Modular Sizes)**



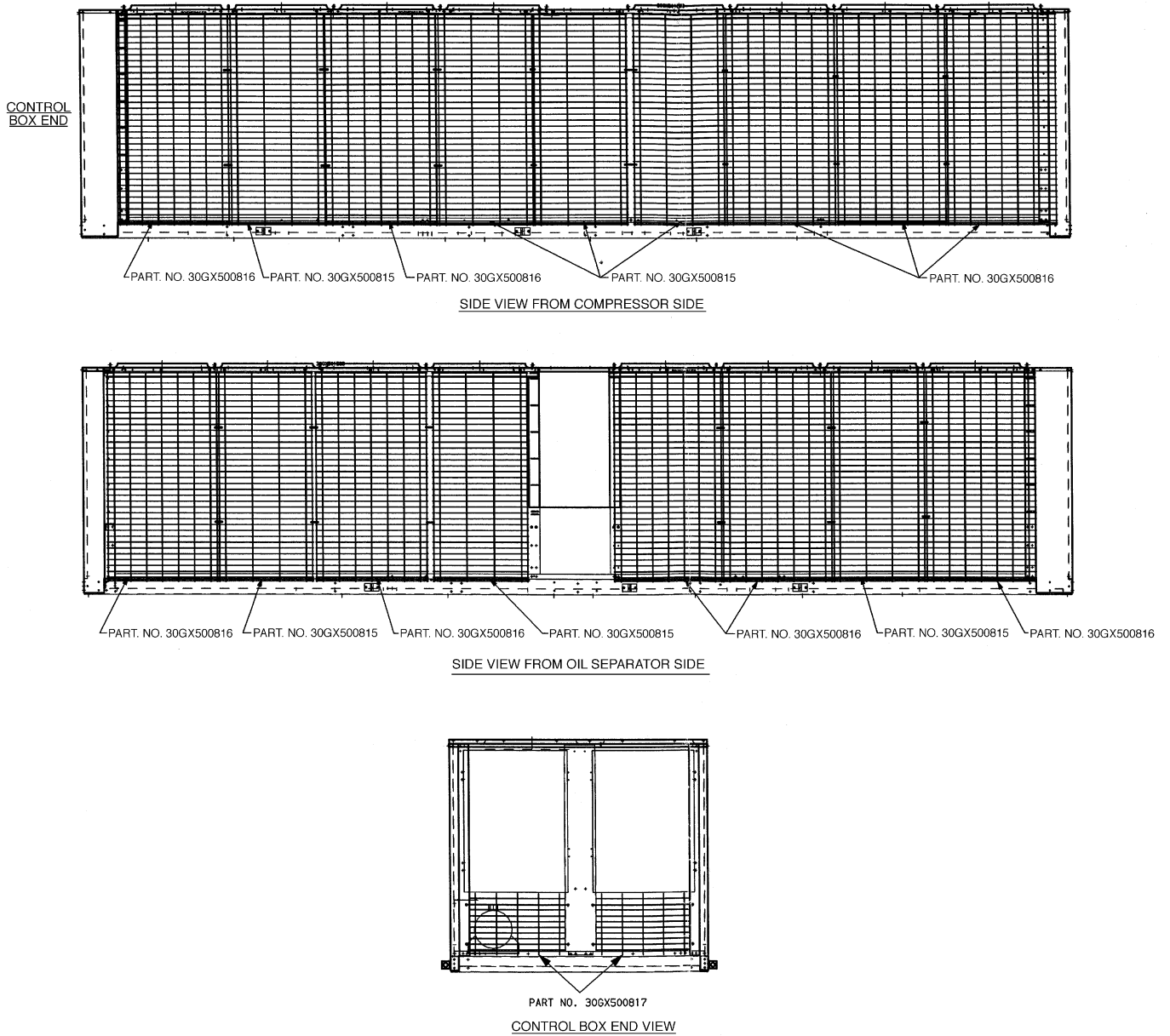
NOTES:

1. Header end grilles are standard on all units.
2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.

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**Fig. 6 — Installed Grille Locations, Sizes 208, 228, 251, 265**





NOTES:

1. Header end grilles are standard on all units.
2. Adjoining grilles to be wire tied together in 2 places approximately 18.0 in. from top and bottom. Align wire ties and clip excess for a neat appearance.
3. Only (1) 30GX500817 is used for 30GXN,R281-350 models.

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**Fig. 7 — Installed Grille Locations, Sizes 253, 268-350**





