

HAIL GUARDS
FOR 15 - 25 Ton LIGHT
COMMERCIAL ROOFTOP UNITS
MODELS: DFG/DFC
INSTALLATION INSTRUCTIONS

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19001 Kermier Rd., Waller, TX 77484
www.daikincomfort.com
P/N: IOD-7147 Date: July 2022



WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE, MAINTENANCE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER INSTALLATION, ADJUSTMENT, SERVICING, MAINTENANCE OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



WARNING

DO NOT BYPASS SAFETY DEVICES

To select proper hail guard please use Hail Guard selection chart.

MODEL	Kit Number
	HAILGD180300
DFC180	X
DFC240	X
DFC300	X
DFG180	X
DFG240	X
DFG300	X



Hail Guards are to be installed on the outside of the condenser coils, see figure 1.

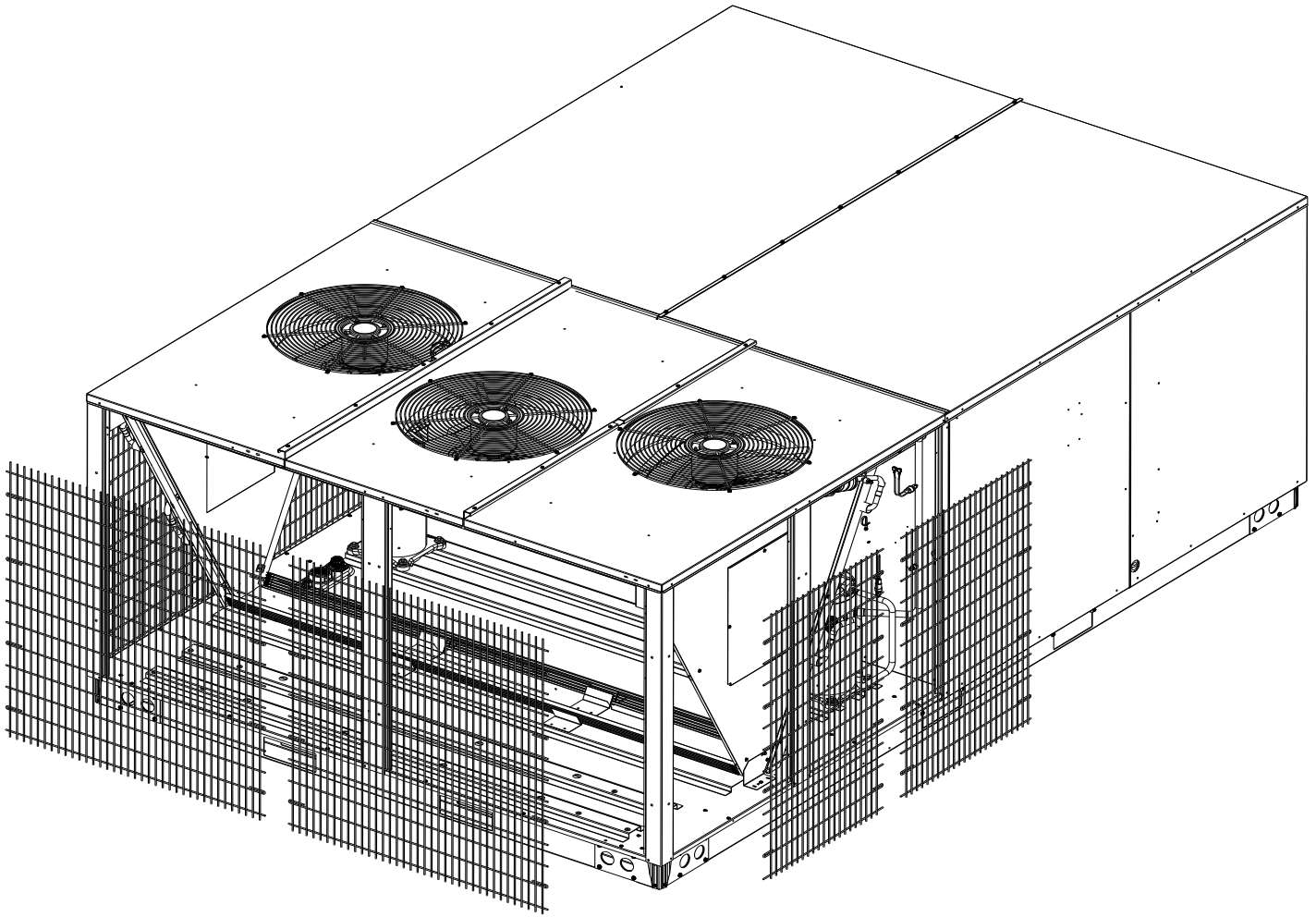


Figure 1

1. Remove the existing condenser grilles by removing the screws holding them in place. Be careful as they can fall once all screws are removed. Before removing the last screw on each grille guard, hold the grille in place with your hand or have someone hold it in place. (See Figure 1)

2. Once the existing grilles have been removed, replace the posts, one-by-one, with the new ones provided in the carton. One-by-one meaning, taking the old one off and immediately replacing it with the new one before removing another one. This will keep the weight of the top panel supported. See figure two for correct riv nut orientation when installing the posts. Please reuse the screws that were removed to replace the old posts with the new posts. The bottom of the posts have a notch cut out of them. See Figure 2a for more detail.

3. After replacing all the posts, attach the Turnbuckle bracket with the silver screws provided. Do not fully seat the screw as we need to install the Hail Guards still. Slide the top of the Hail Guard up and under the Top Panel flange and hold it in place while you secure the bottom of the Hail Guard with the black screws provided. For correct panel orientation, the solid panels have a hole at the bottom of the panel. For the louvered panels, the louvers should be facing downwards before installing.

4. Then rotate the turnbuckle brackets so the long end of the bracket is against the Hail Guard. Hold the turnbuckle bracket in place and fully seat the screw or the bracket will rotate around. See Figure 3 for proper bracket orientation. See Figure 4 for completed installation.

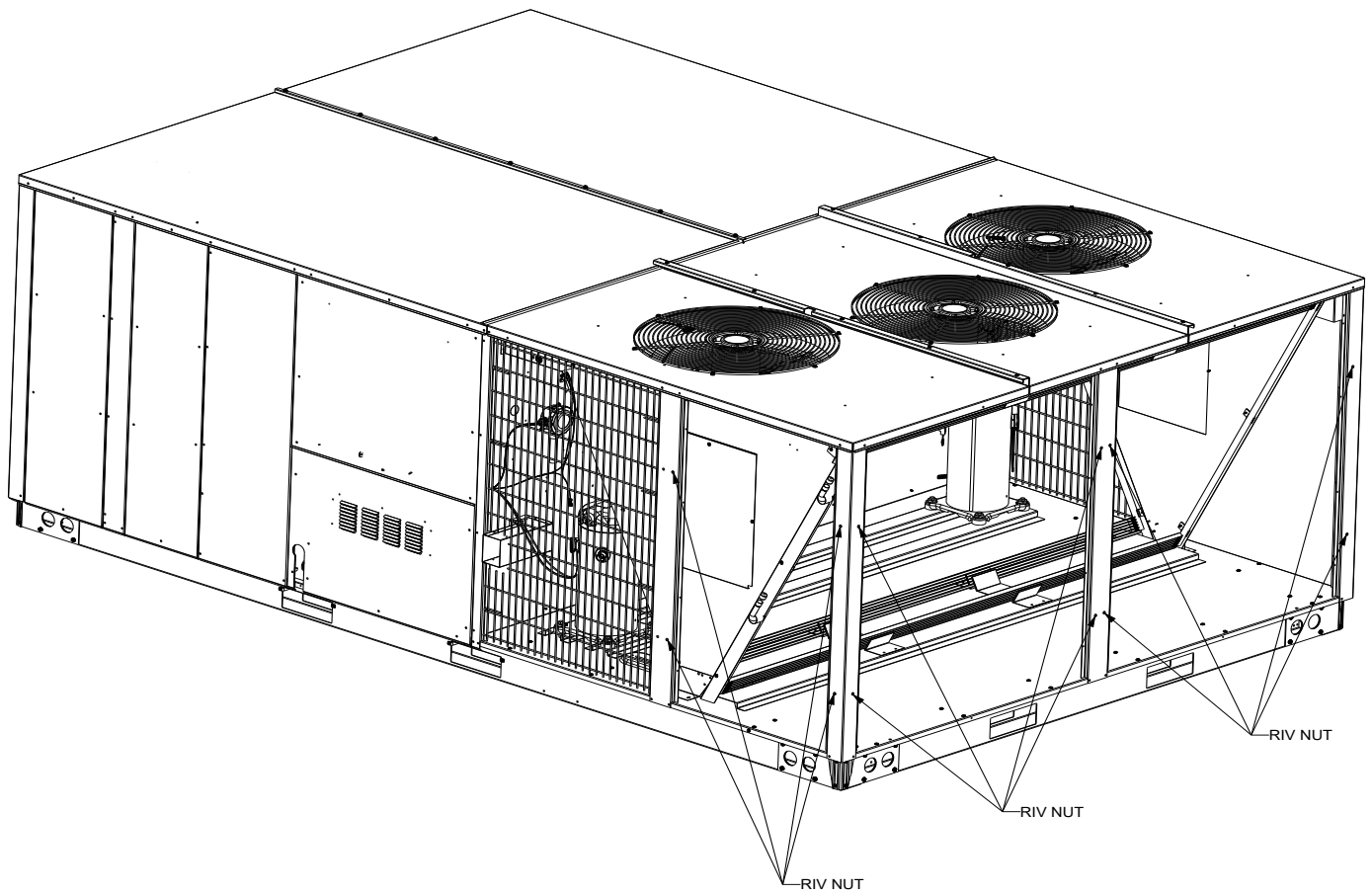


Figure 2

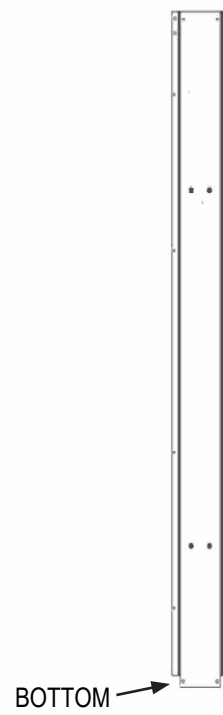


Figure 2A

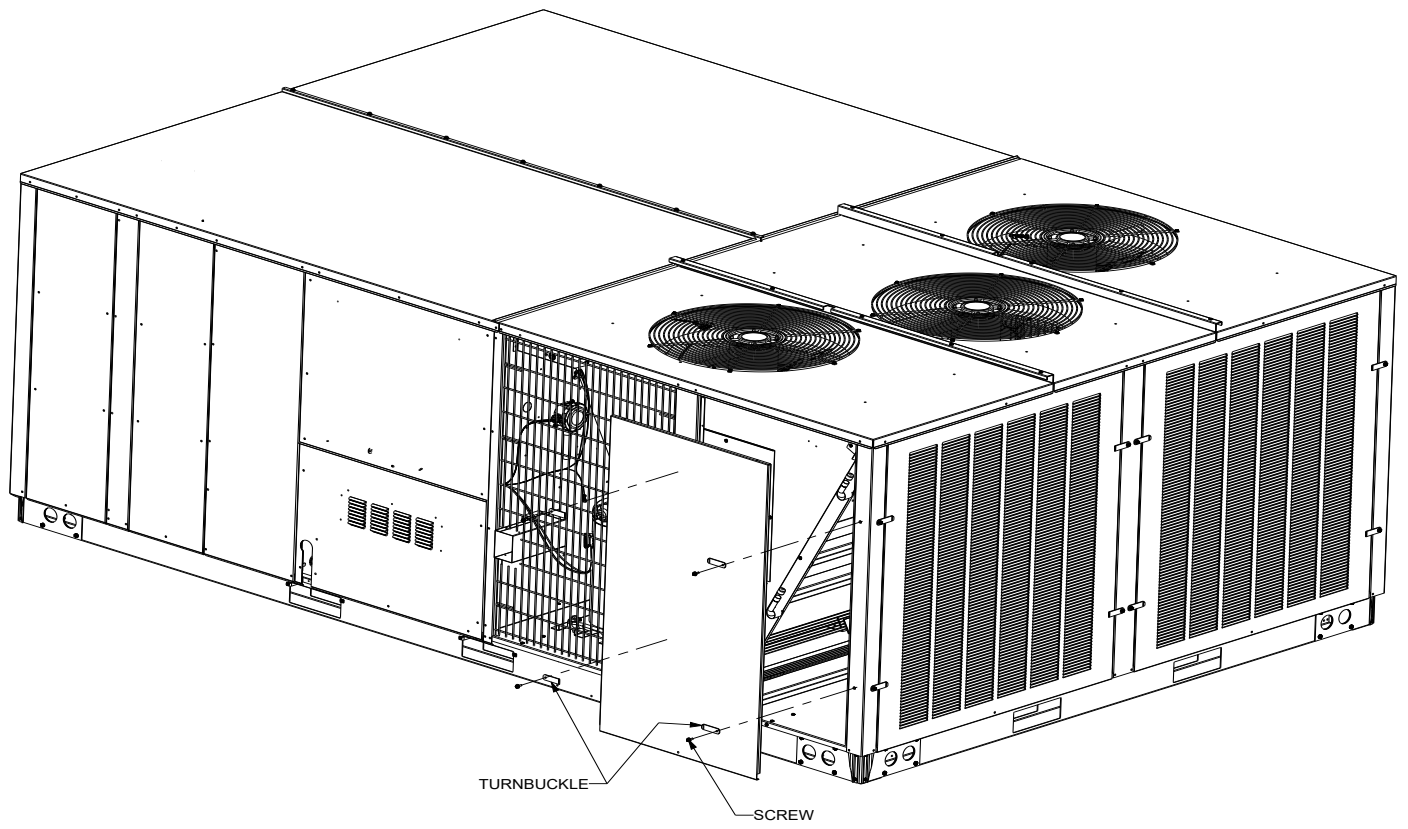


Figure 3

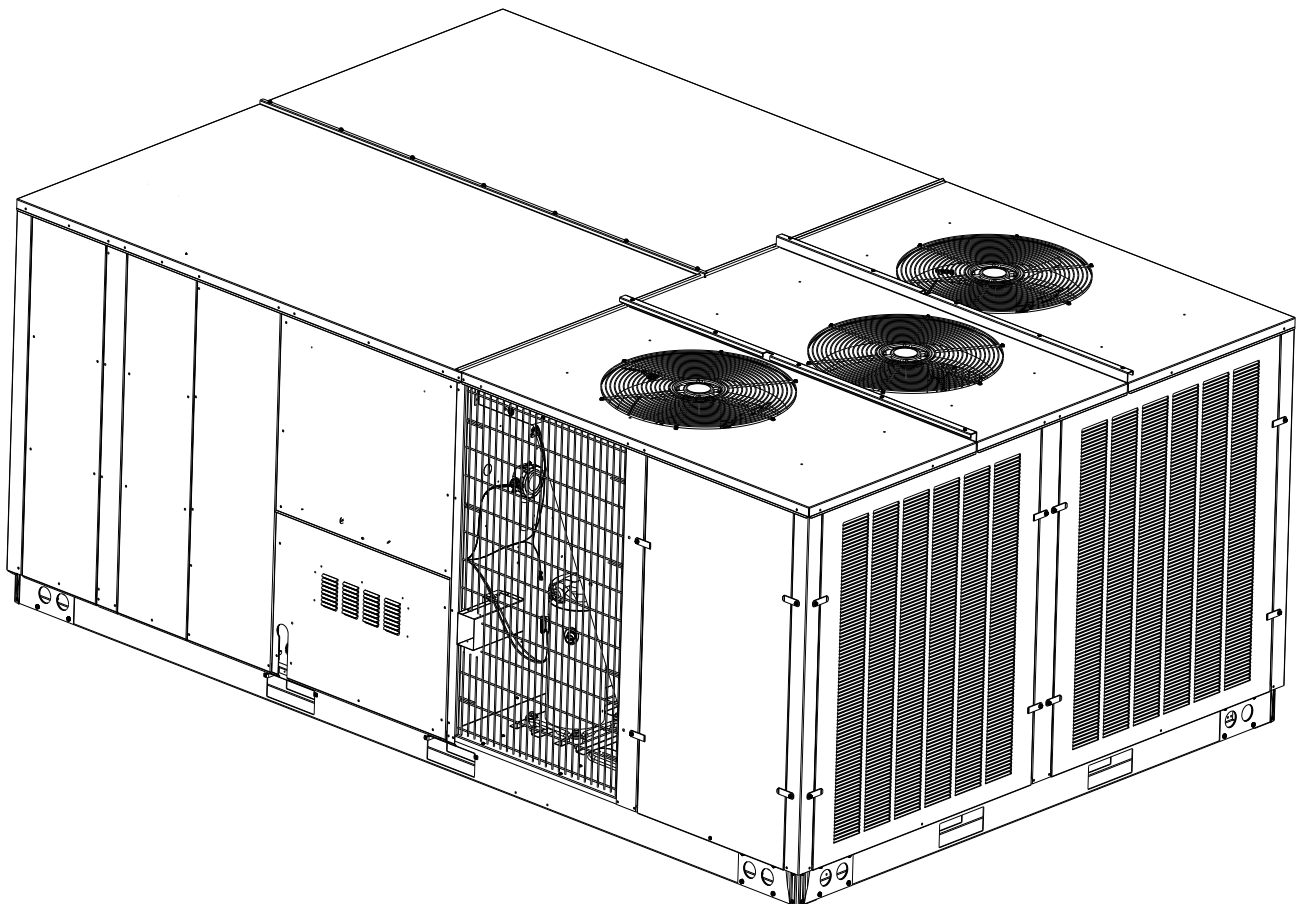


Figure 4

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