

Vertiv™ Hail Guard Kit for CoolPhase Condensing Units of 21, 28 and 35 kW



For Part Numbers: CUHAILGRD-21/28 and CUHAILGRD-35

Quick Installation Guide

Safety Instructions: Read these instructions before and during installation process. Keep this document after installation.

Hail Guards protect the coil against hail produced during storms. This accessory should be added when the unit is in a place with extreme hail weather conditions.

Tools required:

- Socket wrench or torque wrench.
- Safety Gloves.

Kit Components

Item	Description	Qty.
1	Right Side Hail Guard	1
2	Left Side Hail Guard	1
3	Back Hail Guard	1
4	M6 bolts	6

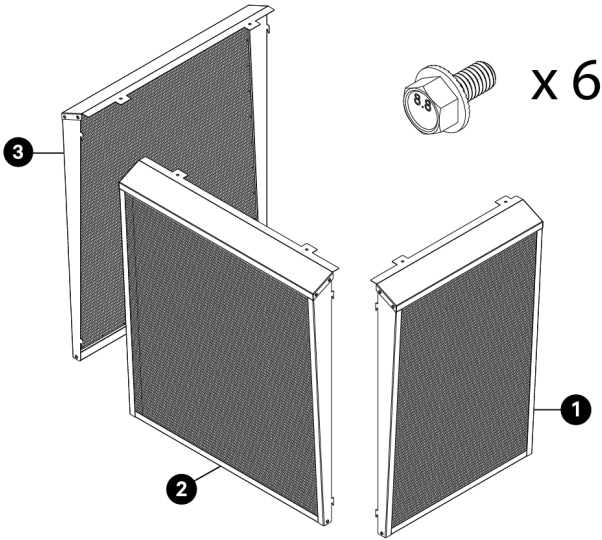
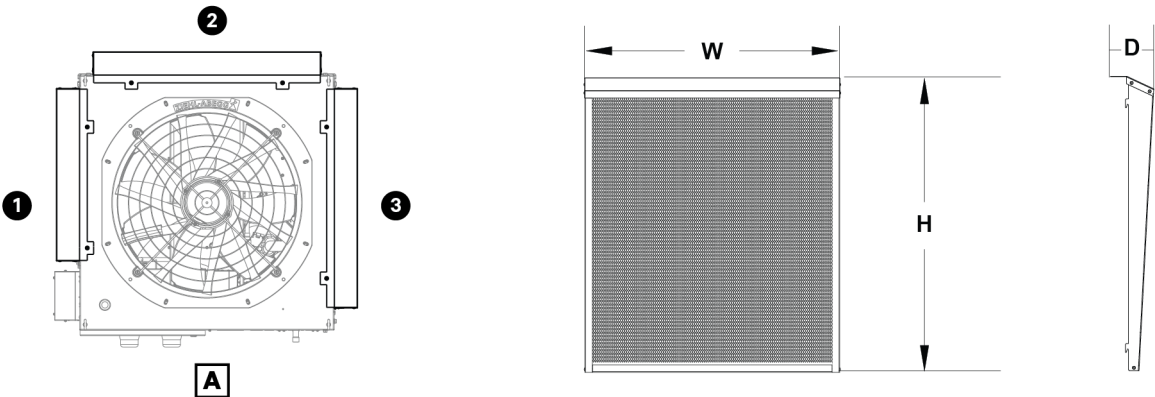


Figure 1. Hail Guard Kit components.

Specifications and Compatibility

SKU	Description	Hail Guard Dimensions (Width x Depth x Height) in(mm)			Compatible Condensing Unit Model
		Right Hail Guard	Left Hail Guard	Back Hail Guard	
CUHAILGRD-21/28	Hail Guard Kit for 21 and 28 kW Units	34.24 x 5.8 x 39.39 (869.8 x 147.55 x 1000.58)	26.92 x 5.8 x 39.39 (683.8 x 147.55 x 1000.58)	35.62 x 5.8 x 39.39 (904.8 x 147.55 x 1000.58)	CUD21 CUL21 CUD28 CUL28
CUHAILGRD-35	Hail Guard Kit for 35 kW Units	42.11 x 5.8 x 39.39 (1069.8 x 147.55 x 1000.58)	34.75 x 5.8 x 39.39 (882.8 x 147.55 x 1000.58)	42.11 x 5.8 x 39.39 (1069.8 x 147.55 x 1000.58)	CUD35 CUL35

Figure 2. Hail Guard Kit dimensions and location.



Item	Description	Item	Description
A	Condensing Unit Top View	1	Right Hail Guard
2	Back Side Hail Guard	3	Left Hail Guard

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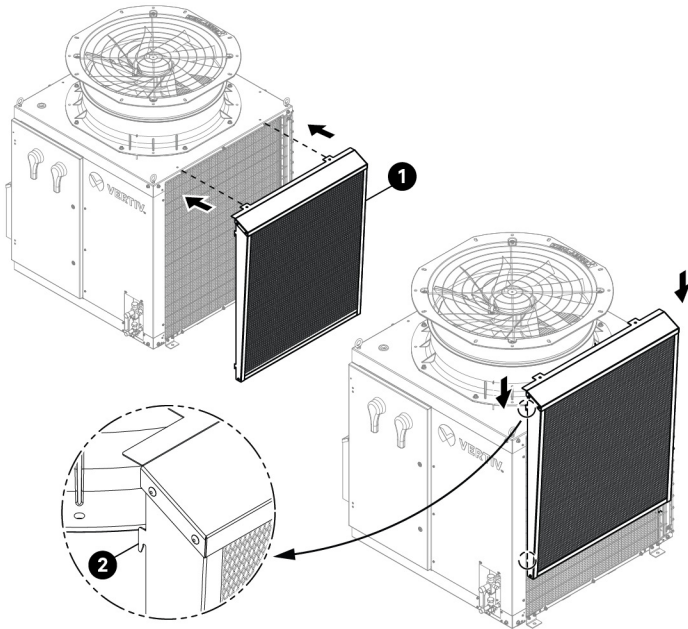
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Installation Procedure

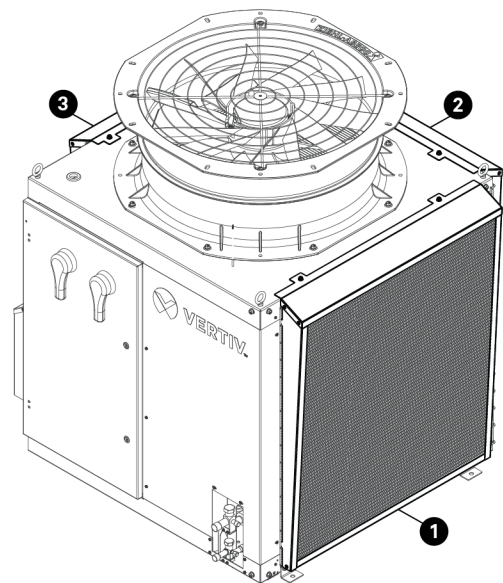
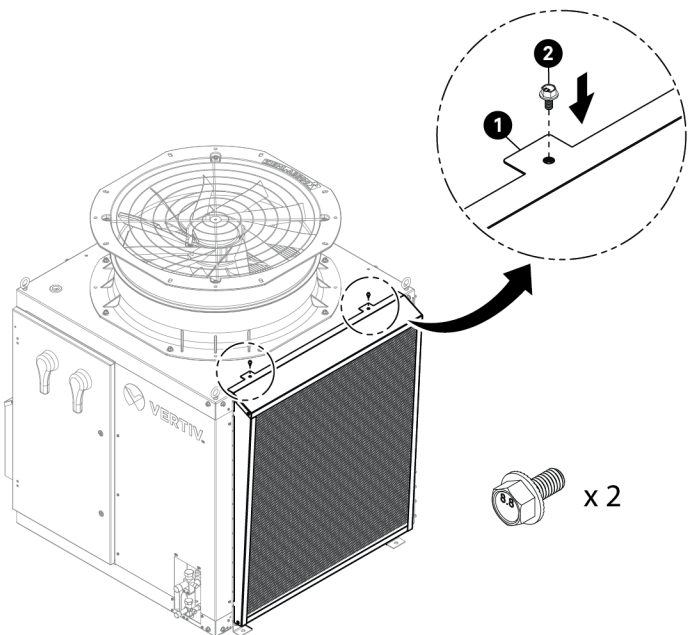
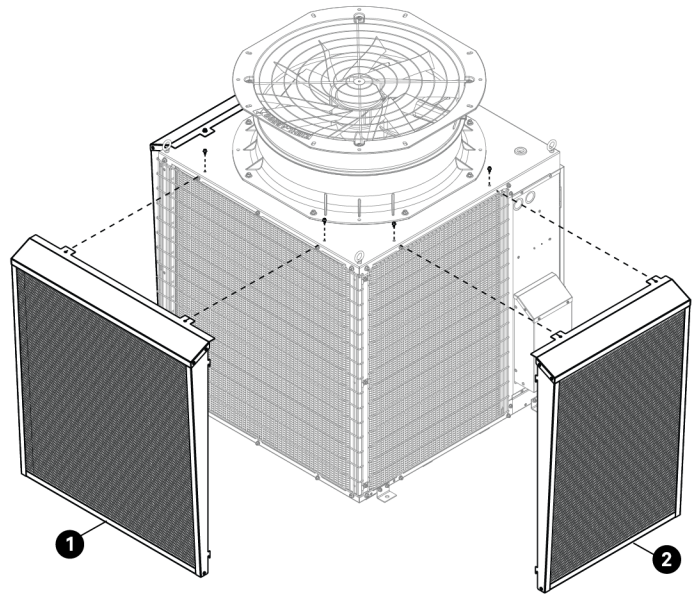
1. Place the hail guard (1) on its corresponding side according to the size chart in this document, then attach it to the unit by sliding it down as shown; the hooks (2) on the sides of the accessory must be placed accordingly.

3. Repeat the same procedure with the rest of the guards (1, 2) on the remaining sides of the condensing unit.



2. Locate the screw location that matches with the two holes at the top of the guard (1), then tighten 2 M6 bolts (2) contained in the kit using a torque wrench.

4. After installing the three items (1, 2, 3), proceed with the Unit installation process indicated in the User Manual.



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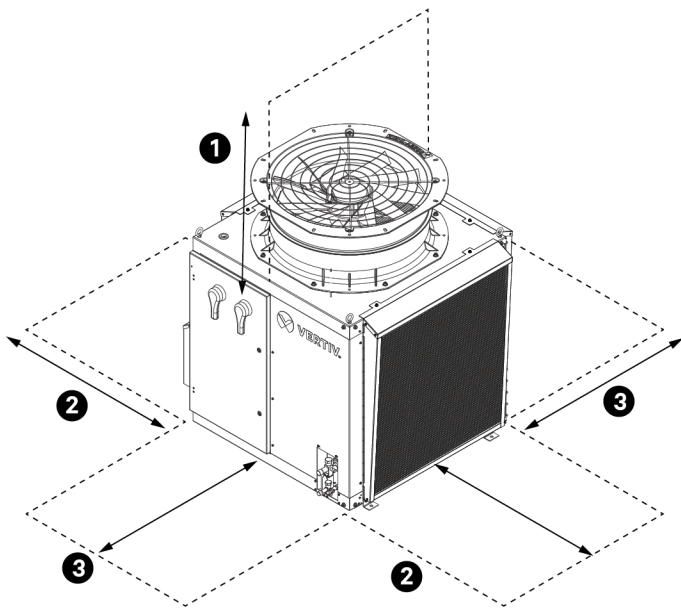
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Installation Considerations

Clearance requirements

The following guidelines are needed to ensure optimal airflow, performance and maintenance to the unit while having the Hail Guards installed:

- 1- Top: 39 inches (100 cm) clearance.
- 2- Sides: 39 inches (100 cm) clearance.
- 3- Front/Back: 39 inches (100 cm) clearance.



DO NOT install this kit in the following scenarios:

Low Hail Risk Areas

- In regions where hailstorms are extremely rare or nonexistent.

Protected Location

- A hail guard may not be needed if the condensing unit is already sheltered (e.g., under an overhang, inside a well-protected enclosure, or in a covered area).



To contact Vertiv Technical Support: visit www.Vertiv.com

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