

# Vertiv™ Wind Baffle Kit for CoolPhase Condensing Units of 15 kW



For Part Number CUWINDKIT-15.

## Quick Installation Guide

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

**NOTE:** Low ambient versions of the CoolPhase Condensing Unit do not require this accessory.

**NOTE:** With the wind baffle, the unit operation temperature range is -4°F ~ 113°F (-20°C ~ 45°C)

The wind baffle allows Coolphase Condensing Unit operation at lower ambient outdoor temperature.

The following tools/equipment are required for the kit installation to the Unit:

- Screwdriver, for screw tightening and securing them to the Condensing Unit.
- Safety Gloves, for personal protection during installation.

## Kit Components

Item	Description	Qty.
1	Front panel	1
2	Corner bracket	2
3	Side panel	2
4	M4 Screws	10

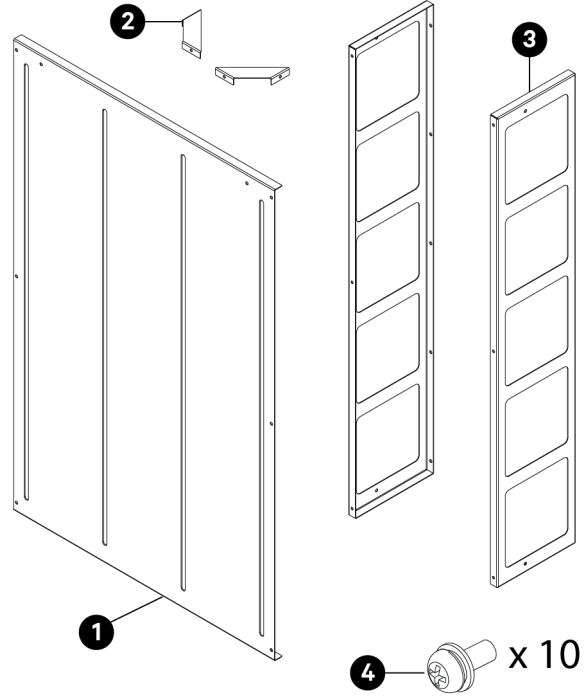
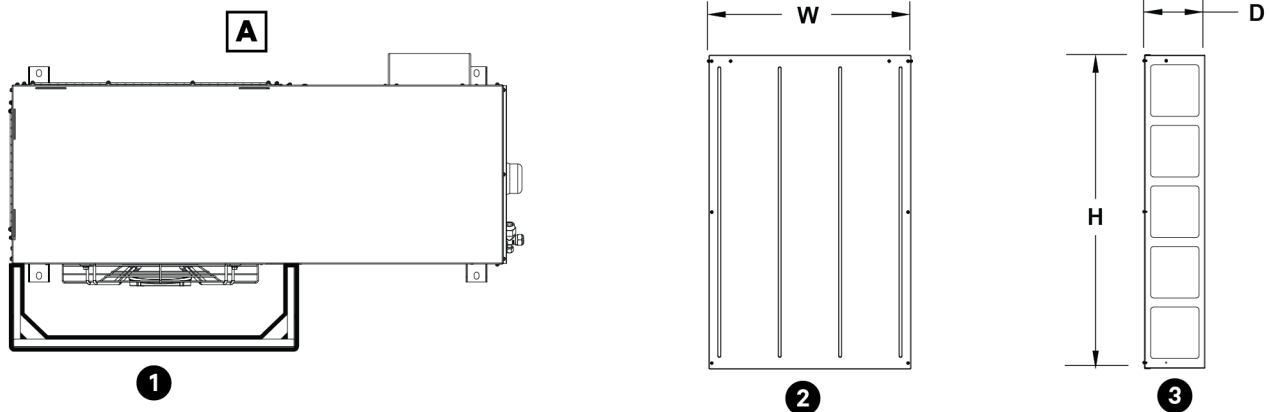


Figure 1. Wind Baffle Kit components.

## Specifications and Compatibility

SKU	Description	Wind Baffle Dimensions (Width x Depth x Height) in (mm)	Compatible Condensing Unit Model
CUWINDKIT-15	Wind Baffle for 15 KW Units	27 x 8 x 41 (670 x 201 x 1038)	CUD15

Figure 2. Wind Baffle dimensions and location.



Item	Description	Item	Description
A	Unit Top view	2	Wind Baffle Front View
1	Wind Baffle location	3	Wind Baffle Side View

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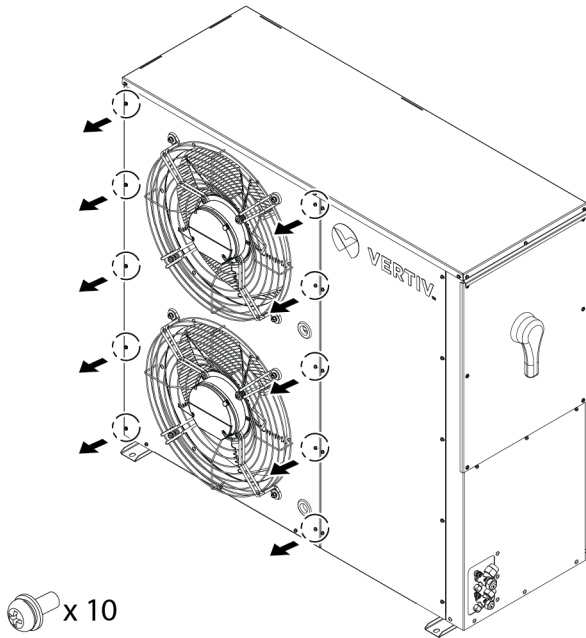
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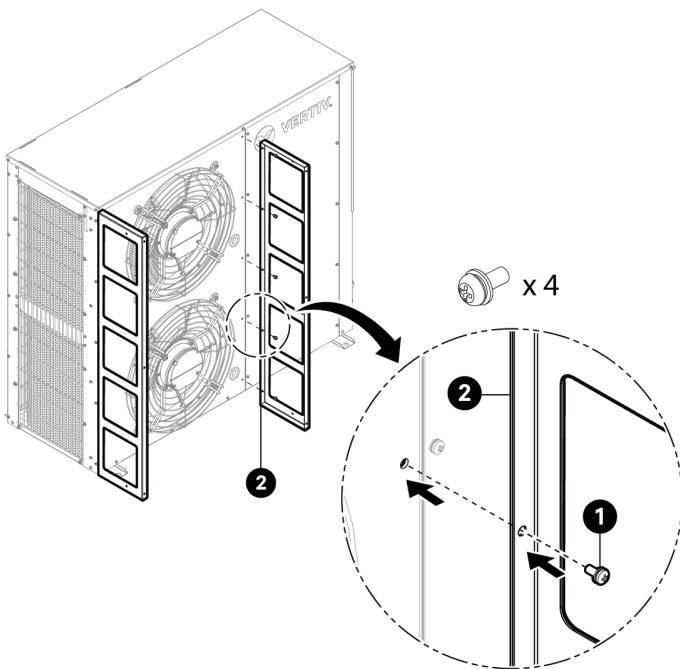
## Quick Installation Guide

### Installation Procedure

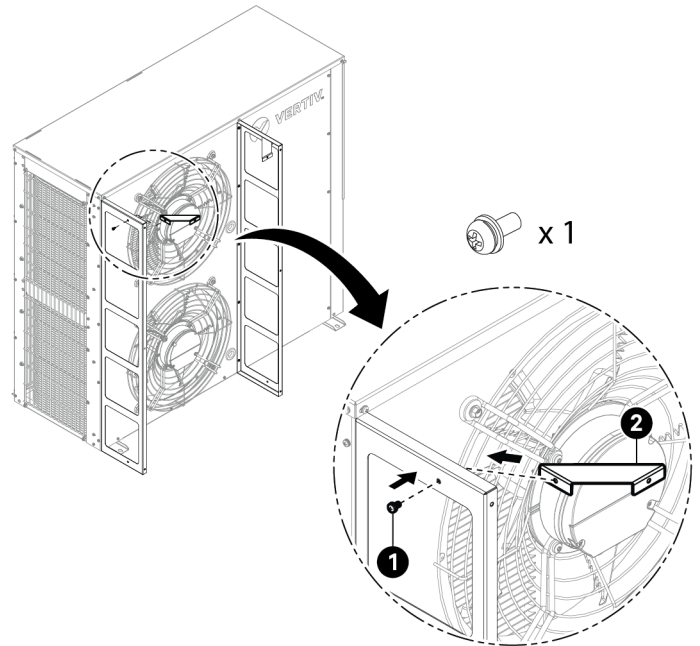
**1.** The ten M4 screws needed are already attached to the Condensing Unit, in the location shown below. Remove them before installing the wind baffle.



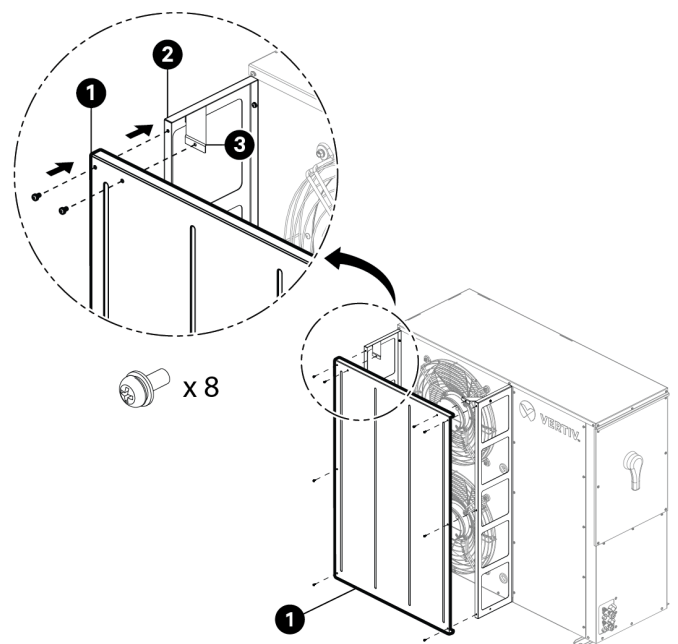
**2.** From the front view near the fan placement, locate the corresponding screw location that matches the holes of the panel, then attach both side panels (1) using four M4 screws (2) on each one.



**3.** Once the side pieces are assembled, attach the corner brackets (2) to them as shown using an M4 screw (1).



**4.** Take the front panel (1) and attach it to the side panels (2) and corner brackets (3) installed with the eight M4 screws contained in the kit and secure them with a screwdriver.



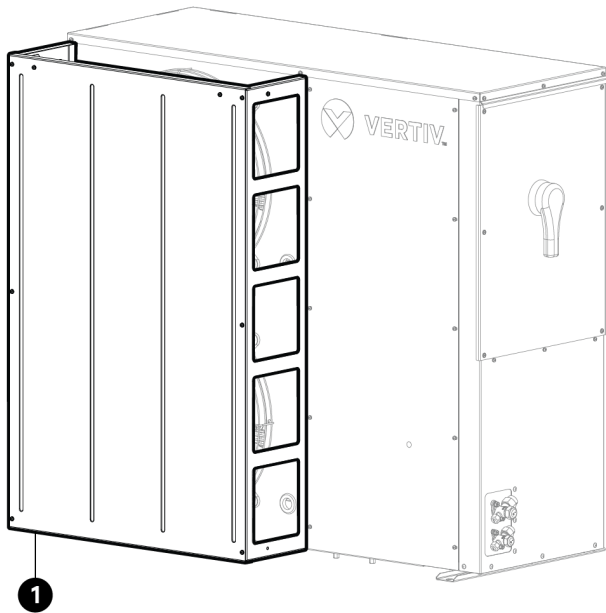
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5. After attaching and securing the Wind Baffle (1), proceed with the Unit installation process indicated in the User Manual.

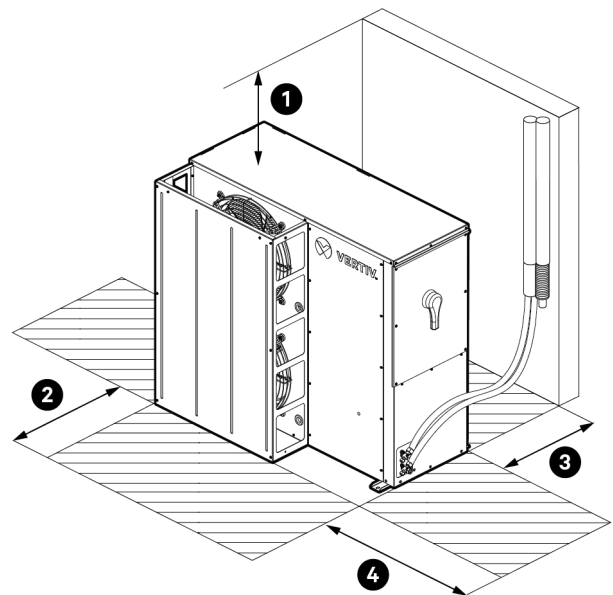


## Installation Considerations

### Clearance requirements

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

- 1- Top: 12 in (300 mm) Minimum distance
- 2- Front: 24 in (600 mm) Minimum distance
- 3- Back: 12 in (300 mm) Minimum distance
- 4- Sides: 24 in (600 mm) Minimum distance



**NOTE:** When equipped with the wind baffle kit, the maximum ambient air temperature is 118.4°F (48°C); however, cooling capacity will be reduced by approximately 1.5% in high ambient temperatures.

**NOTE:** If both the hail guard and wind baffle kit are installed, the maximum ambient air temperature is 118.4°F (48°C); however, the cooling capacity will decrease by approximately 3.5% in high ambient temperatures.



**To contact Vertiv Technical Support: visit [www.Vertiv.com](http://www.Vertiv.com)**

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