# Vertiv<sup>TM</sup> VR Vertical Exhaust Duct

# Quick Installation Guide



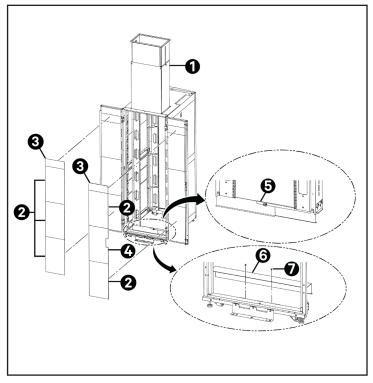


 $Vertiv^{\text{TM}}\ VR\ Vertical\ Exhaust\ Duct\ part\ numbers:\ VRA2009,\ VRA2010,\ VRA2011,\ and\ VRA2012.$ 

**NOTE**: The applicable networking roof panel is required for this accessary to fit on the VR rack.

## Components

### Figure 1 Components

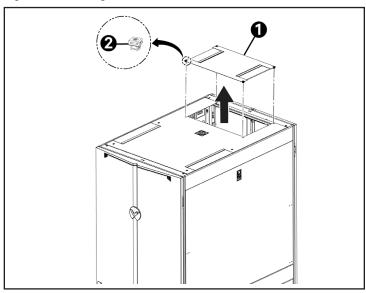


Item	Description	42U Unit Qty	48U Unit Qty
1	Vertical exhaust duct assembly	1	1
2	Rear door panel A	5	5
3	Rear door panel B	0	2
4	Rear door panel C	1	1
5	Adjustable air block panel	1	1
6	Fixed air block panel	1	1
7	Push-in rivet	2	2

#### **Access Panel Removal**

Remove the access panel (1) by turning each of the four fasteners (2) a quarter turn counterclockwise. Then lift the panel (1) off the roof. See Figure 2.

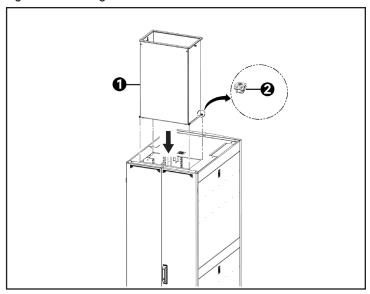
Figure 2 Removing the Access Panel



### **Vertical Exhaust Duct Installation**

1. Mount the vertical exhaust duct assembly (1) on the top panel, and insert four tool-less fasteners (2) into the holes. See Figure 3.

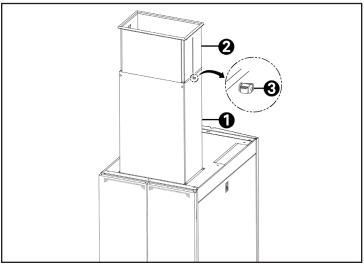
Figure 3 Mounting the Vertical Exhaust Duct





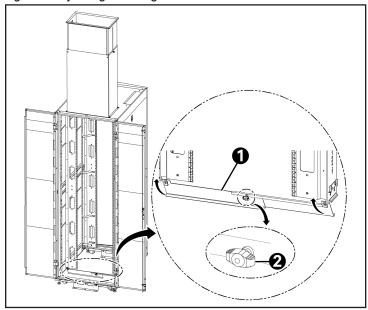
2. Rotate the knob (3) a quarter-turn counterclockwise to loosen it. Extend the top duct (2) from the bottom duct (1). Once the top duct (2) reaches the desired height, rotate the knob (3) a quarter turn clockwise to lock the position. See Figure 4.

Figure 4 Setting the Height of Top Duct



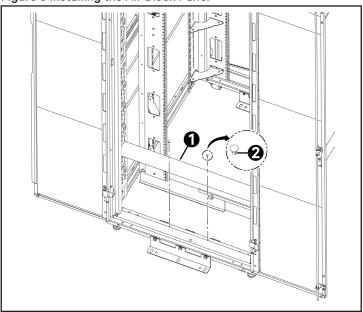
3. Open the rear doors. Install the adjustable air block panel (1) under the EIA rails to seal the gap between the rails and the floor. Adjust the length of the air block panel (1) by rotating the knob (2) a quarter turn counterclockwise to loosen it, extending the panel (1), and then rotating the knob (2) a quarter turn clockwise to tighten it. See Figure 5.

Figure 5 Adjusting the Length of Air Block Panel



4. Install the air block panel (1) on the bottom frame with two push-in rivets (2). See Figure 6.

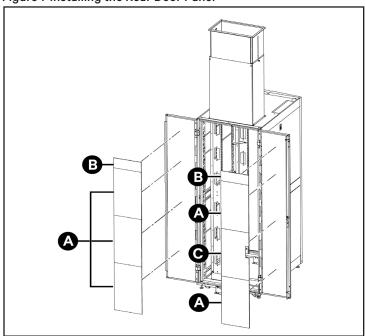
Figure 6 Installing the Air Block Panel



5. Snap the magnetic rear door panels A, B, and C onto the interior of the rear door, from top to bottom. Install the panel C around the door lock. See Figure 7.

**NOTE**: Panel B is used in 48U racks only.

Figure 7 Installing the Rear Door Panel



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