

# GEIST™ SWITCHAIR AIRFLOW MANAGEMENT DEVICE



## Quick Installation Guide

### Models:

SA1-03001

### Switch Type:

Side air intake-front (port) exhaust  
3U switch or three 1U switches

**CAUTION:** Ensure the required airflow for safe operation of equipment is not compromised when installing the Geist SwitchAir device.

**WARNING:** Take precaution to avoid interference with the switch's input power cords when installing behind a live switch.

### 1. Installing the airflow channels

Using customer-provided hardware, insert the cage nuts into the four holes on the front of each channel.

Select a 3U space in the rack. Position the left channel to the inside of the left rack upright. Orient it to face the centerline of the rack.

Fasten the channel in place with screws using only the top and bottom holes of the 3U space.

Repeat the procedure for the channel on the opposite rack side.

### 2. Installing the wiper and deflector

Attach the SwitchAir wipers on the device using the provided screws. Orient the wipers so their tabs face away from the centerline of the device.

Use the provided hardware to attach the deflector to the back of the SwitchAir device.

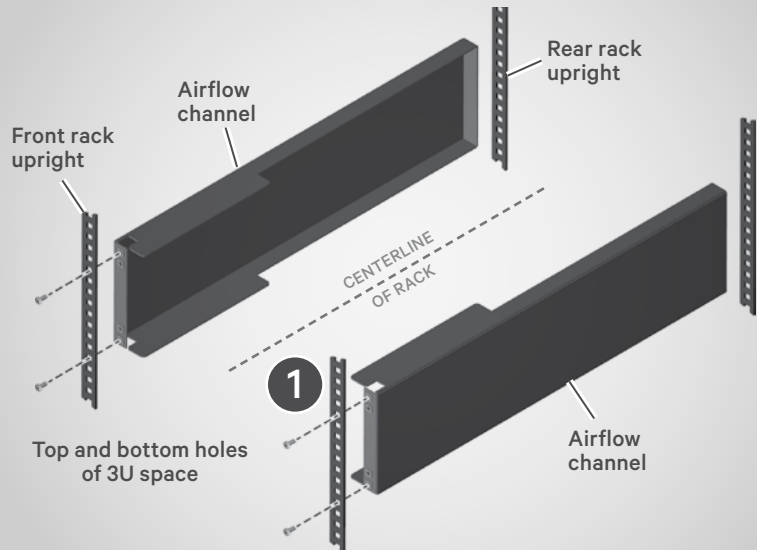
### 3. Installing the switch

Slide the network switch into the rack's 3U space at the installed channel's height. Using customer-provided cage nuts and screws, mount the switch to the rear rack uprights.

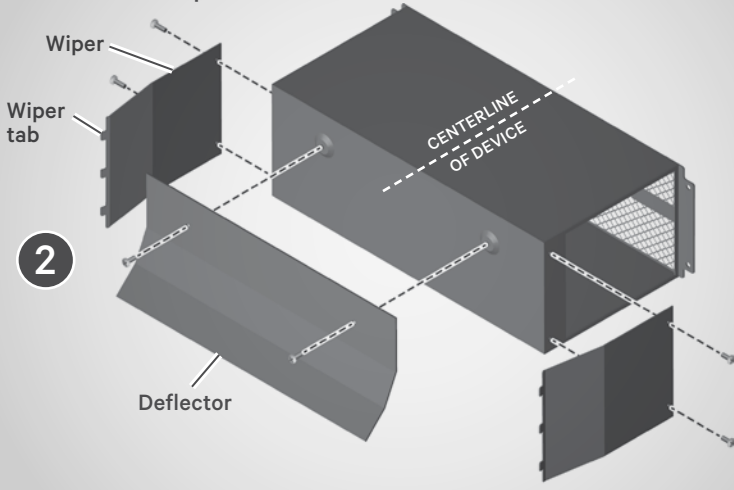
Geist SwitchAir Airflow Management Device

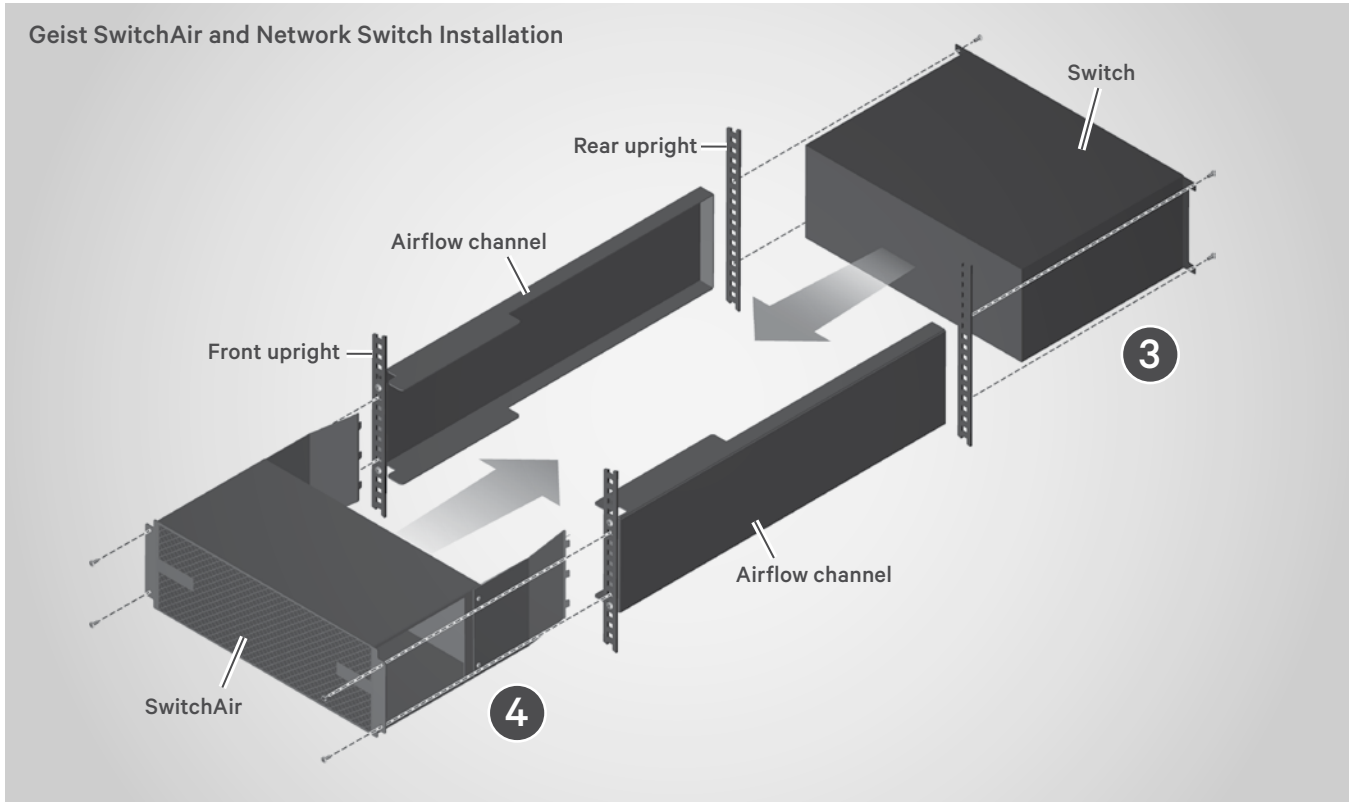


Geist SwitchAir Rack Channel Installation



Geist SwitchAir Wiper Installation





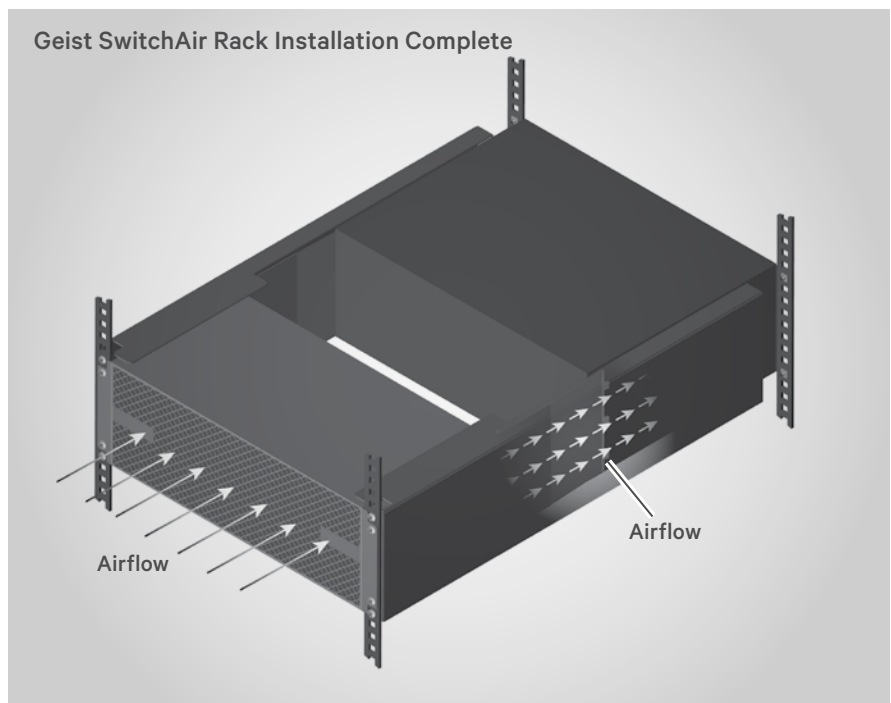
#### 4. Installing the SwitchAir device into the rack

Insert the SwitchAir device into the open rack space at the same 3U height as the switch.

As the SwitchAir device is inserted into the space, the wipers make contact with the rear corners of the switch.

The wiper tabs act as a guide to deflect the wipers past the switch's corners and along its sides.

Once the SwitchAir device is fully seated, install the mounting screws to fasten the unit to the front rack uprights.



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