GEIST COOL | SwitchAir®

SA1-01002 Installation Guide

SwitchAir 1U Network Switch Cooling

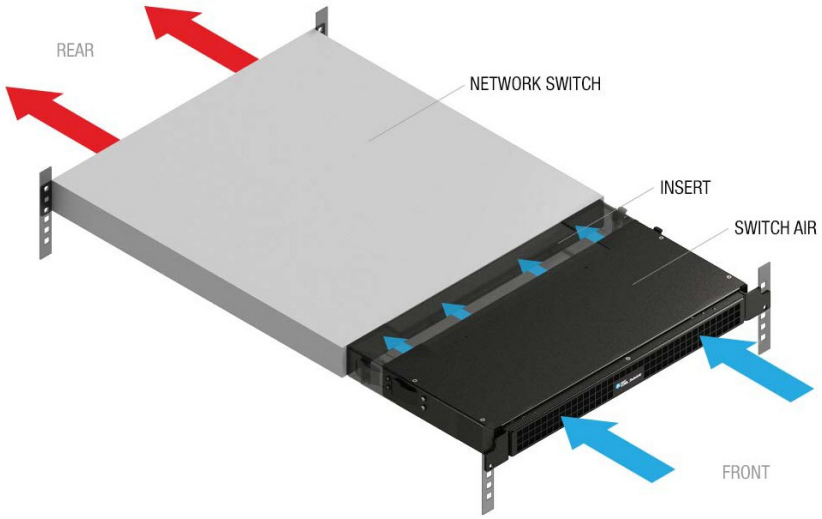
For Rear Air Intake-Front (Port) Exhaust Switches

Installation Precaution:

- Install SwitchAir such that the required airflow for safe operation of equipment is not compromised.
- Take precaution to avoid interference with the switch input power cords when installing on a live unit.

SwitchAir 1U Installed in Rack

Installs in minutes while network switch is live.



SA1-01002 Specifications	
Rail Depth Range	27 5/8” to 29 5/8”
Chassis Depth	7.63” to 11.63” Option L: 10.63” to 14.63” Option S: 5.75” to 8.5”
Airflow	Passive (Switched Generated)
Switch Intake	Rear/Front
Warranty	Lifetime

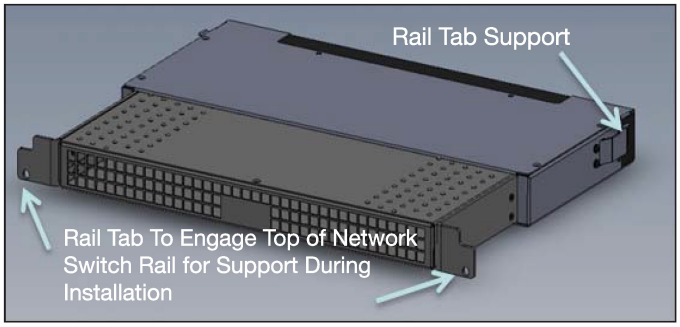
Installing the SwitchAir

(1) Before installing SwitchAir; Velcro tie the network switch power cords to power supply handle toward the center of the switch. This will dress the switch power cords toward the center where the SwitchAir brush strip is located – allowing a good SwitchAir to switch seal. The SwitchAir brush strip has ample width to allow you to just direct the switch power cords toward the center. Power cords from one switch are allowed to pass through the brush strips of a unit below. Example shown of two networks switches would require two SwitchAir units.

Velcro Tie Power Cords to Power Supply Handles Prior to SwitchAir Installation

(2) Before installing SwitchAir; remove the lower network switch mounting screw from each side of the rack front rails (if necessary). Save these screws to be used in the next step for mounting SwitchAir.The network switch upper screw will re- main fastened.

(3) SwitchAir is not in a fully extended position when shipped from the factory. Pull evenly on the chassis mounting tabs for the desired depth. Insert SwitchAir into the open rack space at the same U height as the switch. As SwitchAir is pushed into the space, the SwitchAir Rail Tabs will engage the network switch rails for support during installation. Keep pushing the SwitchAir into the space until the SwitchAir front mounting flanges are flush with the rack front rails. Reinstall the screws that were removed previously. Installation is now complete.



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