

PATENT PENDING

SwitchAir 2U Network Switch Cooling®

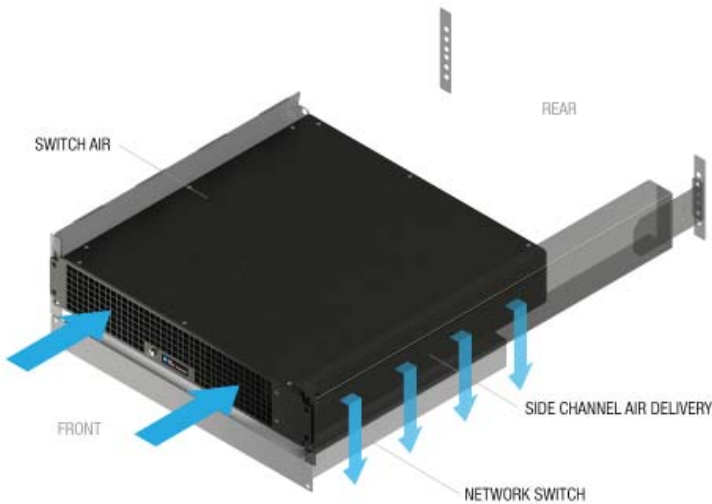
Effective cool air delivery for front of rack mounted multi RU switches Universal for side intake switch types

Placing core network switches in an enclosed rack is a preferred design but it can be a challenge to deal with the heat generated by the devices. Due to design constraints and equipment density, intake air is typically at the sides of the switch chassis with heat exhaust out the rear or opposite side of the switch.

SwitchAir 2U ensures side intake switches are able to receive the required cool air from outside the rack. SwitchAir delivers air to the switch via the SwitchAir cold air curtain. SwitchAir 2U works with switches having side intake with multiple exhaust configurations.

SwitchAir 2U

A Single SwitchAir 2U cools switches with side air intake vents



Why Choose Geist Cool?

- Stabilize your switch intake air temperature to within a few degrees of the rack front intake air temperature
- Installs in minutes and works with most side and rear intake network switches
- SwitchAir 2U can be installed while network switch is operational
- Single input cord runs on any voltage and continually delivers required air
- Geist Cool allows rapid return on investment—typically less than three months

SA2-006 Specification

Chassis Depth
18"

Channel Length
Channel 1-18"
Channel 2-26"

Input Power / Indicator
90-264 VAC 50/60 Hz
60 watts
LED Power Indicator

Input Connector
C14 Input

Airflow
188 CFM

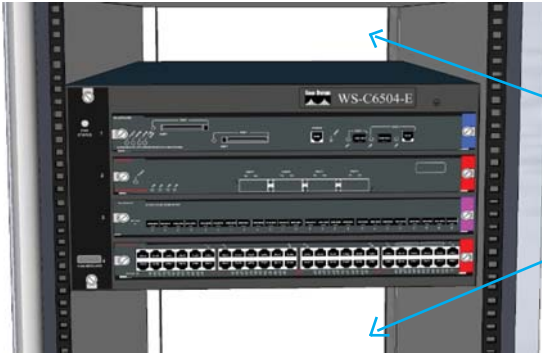
Switch Intake
Side

Safety / Approvals
UL, cUL 60950, CE, FCC, Class A,
C-Tick Marked

Warranty
2 Years

Network Switch Cord Management

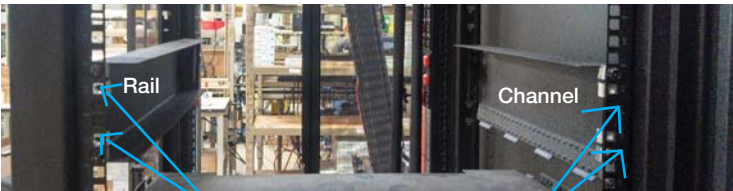
STEP 1 Before installing SwitchAir 2U, insure that a full two RU of rack space is open directly above the device to be cooled. The unit will alternatively mount below the switch in which case a full two RU of rack space must be open below the switch.



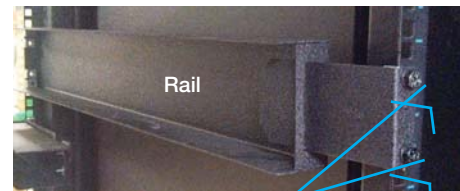
Required 2 RU of rack space above or below device

Installing SwitchAir 2U

STEP 2 Install support rail and air channel above or below device in the 2 RU of dedicated rack space.



Use Cage Screws to Mount Front Rail/Channel Using Top and Bottom Cage Knockouts



Mount Rear Rail to Rack By Extending Rail to Outside of Rack. Secure with Cage Nuts and Screws

STEP 3 Slide chassis between rail and air channel and attach to rack used cage nuts and screws. Plug chassis power cord into power distribution unit. Installation is now complete



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