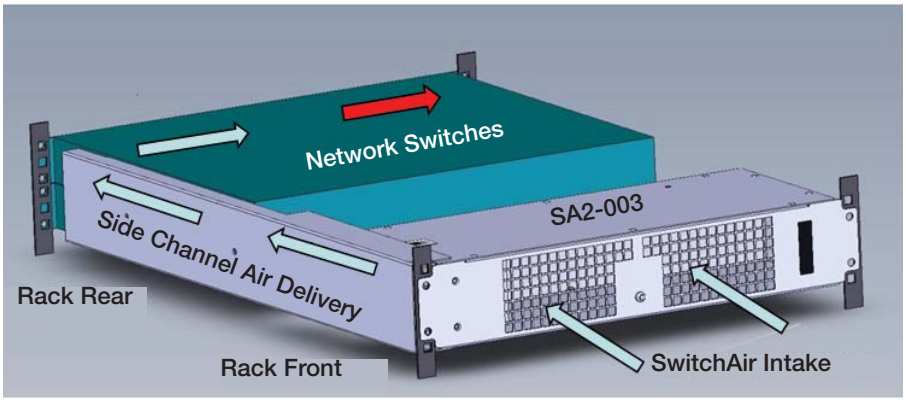
SwitchAir 2U Network Switch Cooling

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.



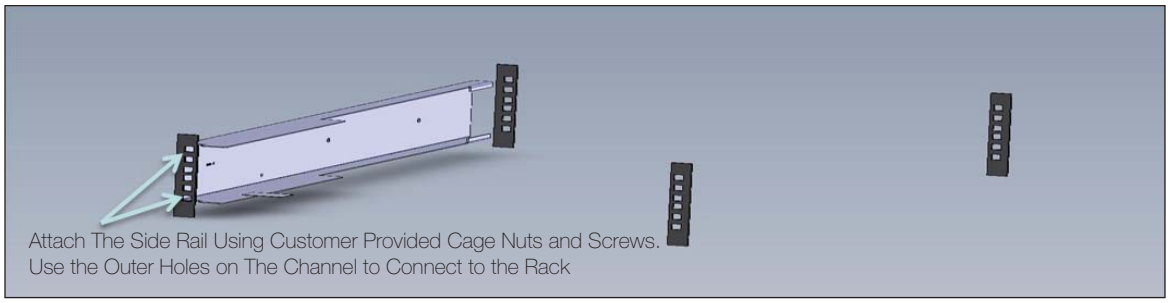
Why Choose Opengate?

- 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
- Opengate by Geist allows rapid return on investment—typically less than three months

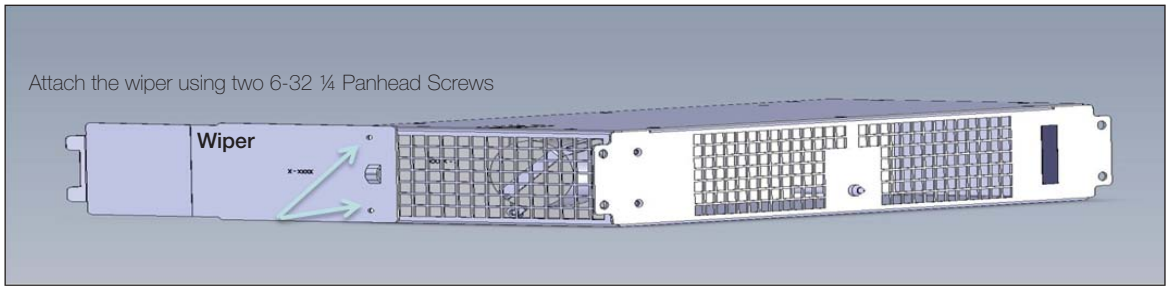
SA2-003 Specification
Rail Depth 26 5/8" to 29 5/8"
Chassis Depth 9"
Channel Depth 26"
Input Power / Indicator 90-264 VAC 50/60 Hz 15 watts LED Power Indicator
Input Connector C14 Input
Input Cord Order separately
Airflow 47 CFM
Switch Intake/Exhaust Side/Side
Safety / Approvals UL, cUL 60950, CE, FCC, Class A
Warranty 2 Years

Installing SwitchAir

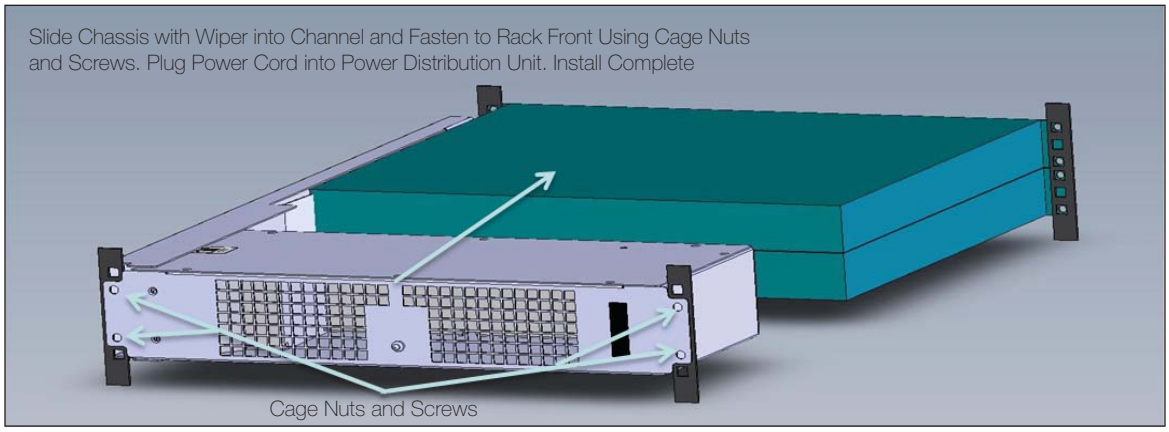
Step 1 Install air channel to rack front using customer provided cage nuts and screws. Use the outside holes on the channel to attach the channel to the rack. The inner holes will be used by the chassis attaching to the rack. The rear of the channel doesn't attach to the rack or switch.



Step 2 Attach the wiper to the chassis using two ea. 6-32 1/4 " pan head screws. The wiper helps channelize the cool air from the chassis to the switch intake fans.



Step 3 Slide chassis into channel and attach to the front of the rack using customer provided cage nuts and screws. Install customer provided power cable to power distribution unit.



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