

# SwitchAir™ 2U Network Switch Cooling Solution

PATENT PENDING



Effective switch cool air delivery for multiple rear rack mounted 1U switches  
 Universal for rear or side intake switch types

| SwitchAir™ 2U Specification |   |
|-----------------------------|---|
| Item Number                 | SA2-001                                 |
| Rack Mounting               | 26-5/8" to 29-5/8 Rail Depth Range      |
| Input Power                 | 90-264 VAC 50/60 Hz 15 watts, C14 Input |
| Input Cord                  | Order separately                        |
| Safety / Approvals          | UL/cUL 60950, FCC                       |
| Warranty                    | 2 Years                                 |

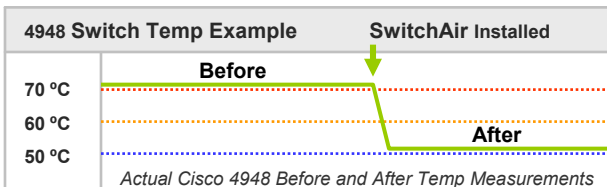
Switch port density makes it very convenient to place network switches facing the rear of rack where sever port density resides to simplify network cabling.

Due to high switch port density, intake air is typically at the sides of the switch chassis with heat exhaust out the rear or other side of the network switch chassis.

SwitchAir 2U ensures up to two rear mounted switches are able to receive the required cool air from outside the rack.

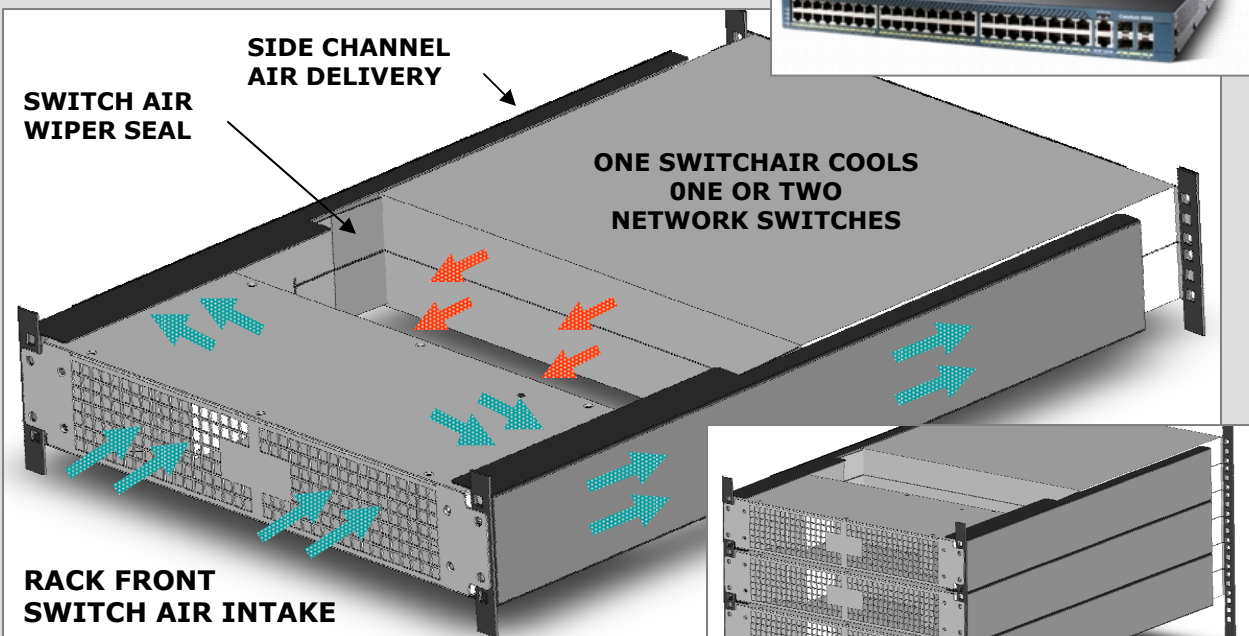
SwitchAir delivers air to the switch via the SwitchAir Channels.

SwitchAir 2U works with switches having side intake - rear exhaust, side intake - side exhaust and rear intake - front exhaust. You can even stack switches with varying airflow patterns together.

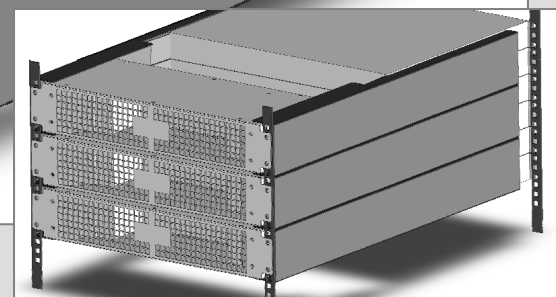


## SwitchAir 2U

SwitchAir 2U can be installed while network switch is operational



The unit installed easily and considerably lowered our high switch temperatures. We deliberately installed everything else first to test out the retrofit-in-place feature. Temperatures were reduced from 51C to 43C.



**MULTIPLE SWITCH AIR SYSTEMS COOLING FIVE OR SIX 1U SWITCHES**

**SiteX EC SwitchAir™ 2U**  
**Network Switch Cooling Solution** PATENT PENDING

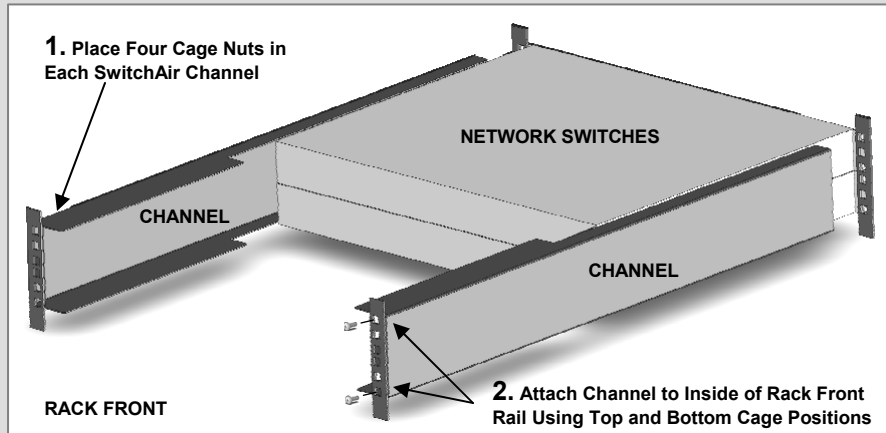


Effective switch cool air delivery for up to two rear rack mounted 1U switches when stacked in consecutive U spaces. Universal for rear or side intake switch types.

**SwitchAir 2U Install**

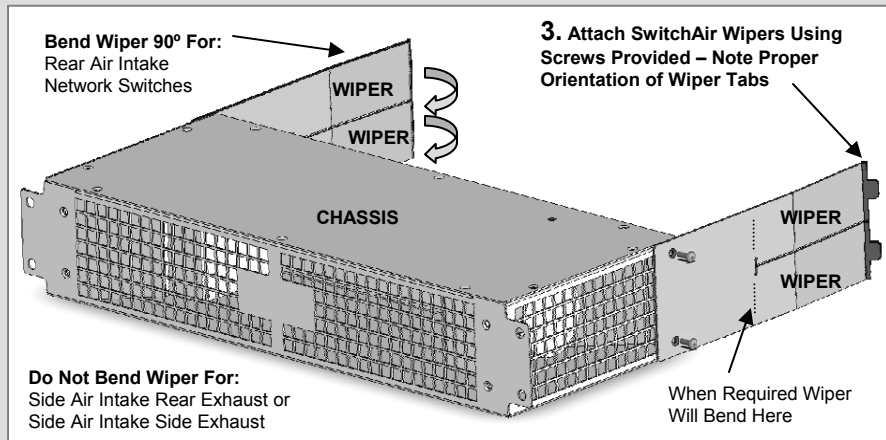
**Install SwitchAir Channel**

Place cage nuts in all four channel mounting holes. Attach Channel to inside of front rail using two screws at the top and bottom cage nuts positions. (rack rail cage nuts and screws not included)



**Install SwitchAir Wipers**

Attach each SwitchAir Wiper to the sides of the SwitchAir Chassis using the two screws provided. For network switches with rear air intake and front heat exhaust, bend SwitchAir Wipers approximately 90° allowing cool air to release to rear of network switch.



**Install SwitchAir Chassis**

Insert power cord into rack front and connect to power before attaching SwitchAir Chassis. Slide the SwitchAir Chassis into the SwitchAir Channels from the front of the rack. Attach the SwitchAir Chassis using four screws (not included).

