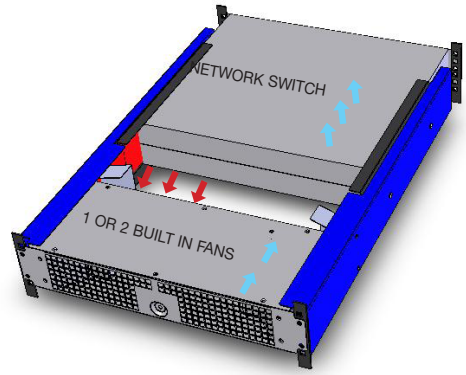
GEIST

COOL

Part Number: Network Switch Cooling SA2-002
SA2-003



Description:

Rack layouts vary greatly and often times it is necessary to mount switches in the back of the cabinet to attain more convenient cabling connections and reduce clutter. While this technique provides several benefits, the air intake is often exposed to elevated air temps as it's air supply has been pre-heated by the servers in the rack that discharge to the rear. Geist's switch cooling product line allows network switches to breathe cool air regardless of where they are mounted in the rack.

The Geist network switch cooling products are available in a wide range of configurations and rack space sizes. Designed to work with 1U to 9U devices and beyond, having the ability to channel air to wide ranges of intake / exhaust configurations such as side intake - rear exhaust, front intake - side exhaust, rear intake - front exhaust.

Product Highlights:

- Actively pushes cool air using 2 low power fans (SA2-002) or 1 low power fan (SA2-003)
- Designed for side or rear intake switches
- Installs quickly without disrupting network operations, stackable
- Works in either 120 or 208V installations, consumes only 15 watts of power
- Delivers cool air from outside the rack front to rear mounted switch without hot air contamination
- Stabilizes switch intake temperature within a few degrees of the rack front intake air temperature
- Resolves a critical data center issue while reducing operating costs
- Rapid return on investment; typically less than 3 months

Specifications:

Item Number	SA2-002 SA3-003
Configuration	2U
Rear rack mount switch compatibility:	Most 1U and 2U, including: Side intake-rear exhaust Side intake-front exhaust Rear intake-front exhaust Combination of above
Air Flow	48 CFM 24 CFM
Input Power	90-264 VAC 50/60 Hz / 15 Watts
Input Connector	C-14 (cord not included)
Conformance	UL & c-UL 60950, FCC Class A
Mounting Rail Depth Range:	26 5/8" to 29 5/8"
Warranty	2 Year
Installation	Stackable in consecutive U spaces

Please note the information contained herein is for informational purposes only. Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment, which is different from the technical assumptions. Geist reserves the right to modify these specifications without prior notice. Geist makes no warranties, express or implied, on the information contained in this document.

Geist Americas

1821 Yolande Ave
Lincoln, NE 68521 USA
1.800.432.3219 or
1.402.474.3400
www.geistglobal.com

Geist DCiM
2290 E Prospect Rd.
Fort Collins, CO 80525 USA
1.877.449.4150
www.geistglobal.com

Geist Europe

Unit 1, The Monarch Centre,
Ventrue Way,
Priorswood, Taunton,
Somerset, TA2 8DE UK
+44 (0) 1823 275100
www.geisteurope.com

Geist Asia

China
Tiley Plaza, Unit #2808,
No. 199 Haide 3 Road
Nanshan Shenzhen
Guangdong Province China
Postal Code: 518000
Tel: +86.755.86639505
www.geistglobal.com

Hong Kong
Tel: +852 90361927
Email: salesasia@geistglobal.com
www.geistglobal.com