

SK3325.107 Rittal 230VAC 255x255mm IP54 Filter Fan Datasheet



Brand: Rittal

SKU: 737037935541

Category: Axial & Centrifugal Fans

Price: \$194.99

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Product Page: <https://www.equipspares.com/product/sk3325-107-rittal-230vac-255x255mm-ip54-filter-fan>

Product Description

The Rittal SK3325.107 is a TopTherm Filter Fan engineered for high-efficiency thermal management in industrial enclosures. Utilizing advanced diagonal fan technology, this unit optimizes aerodynamic performance to deliver consistent airflow even under high static pressure conditions typical of densely populated server racks. The motor assembly features a robust AC architecture designed for continuous duty cycles, ensuring minimal thermal impedance and extended operational longevity. Encased in a durable, heat-resistant thermoplastic housing, the SK3325.107 maintains structural rigidity while providing IP54 ingress protection, effectively shielding sensitive electronics from dust and particulate contamination in demanding industrial environments.

Model Number: SK 3325.107

Brand: Rittal

Product Type: TopTherm Filter Fan Unit

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.20 / 0.24 A

Power Consumption: 41 / 38 W

Unimpeded Airflow: 230 / 250 m³/h (135.4 / 147.1 CFM)

Airflow with Filter Mat: 205 / 220 m³/h

Dimensions: 255 x 255 mm

Installation Depth: 107 mm

Build Depth: 25 mm

Cut-out Dimensions: 224 x 224 mm

Noise Level: 49 / 50 dB(A)

Operating Temperature: -15°C to +55°C

Storage Temperature: -30°C to +70°C

Protection Category: IP54 (Standard) / IP55 (With Cover) / IP56 (With Hood)

NEMA Rating: Type 12

Housing Material: ABS Thermoplastic

Fire Protection: Self-extinguishing to UL 94 V-0

Color: RAL 7035 (Light Grey)

Mounting Type: Snap-in (Tool-free mounting)

Pre-fuse: Miniature Circuit-Breaker/Fuse: 2 A

Service Life: 60,000 Hours (L10 at 40°C)

Fan Technology: Diagonal, Self-starting shaded pole motor

Weight: 1.82 kg

Designed for critical thermal regulation, the SK3325.107 is widely utilized in industrial automation control panels and IT server racks where heat dissipation is paramount. This unit ensures optimal operating temperatures for variable frequency drives and PLC systems housed in manufacturing environments. The SK3325.107 effectively mitigates thermal buildup in telecommunications infrastructure and power distribution units, preventing component failure due to overheating while maintaining a contaminant-free internal atmosphere through its integrated filtration system.

Supplemental Images

