

SK 3325.107 Rittal 230VAC 255x255mm IP54 Fan-and-Filter Unit Datasheet



Brand: Rittal

SKU: 988274718545

Category: Axial & Centrifugal Fans

Price: **\$180.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/sk-3325-107-rittal-230vac-255x255mm-ip54-fan-and-filter-unit>

Product Description

The Rittal SK 3325.107 is a TopTherm Fan-and-Filter Unit engineered for optimal thermal management in industrial enclosures. Utilizing advanced diagonal fan technology, this unit ensures stable pressure build-up and constant air throughput, significantly reducing thermal impedance within high-density component layouts. The housing is constructed from robust ABS (RAL 7035), offering superior structural rigidity and resistance to environmental stressors. Designed for tool-free assembly, the SK 3325.107 features a sophisticated louvered grille design that facilitates efficient airflow while maintaining an IP54 protection rating against dust and moisture ingress.

Model Number: SK 3325.107

Brand: Rittal

Product Type: Fan-and-Filter Unit

Series: TopTherm

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Current: 0.19 A (50Hz) / 0.18 A (60Hz)

Power Consumption: 41 W (50Hz) / 38 W (60Hz)

Motor Technology: Self-starting shaded pole motor

Max. Air Flow (Unimpeded): 135.3 CFM (230 m³/h) @ 50Hz / 147.1 CFM (250 m³/h) @ 60Hz

Air Flow (With Filter): 107.7 CFM (183 m³/h)

Dimensions: 255 x 255 mm (Width x Height)

Installation Depth: 107 mm

Cut-Out Dimensions: 224 x 224 mm

Weight: 1.66 kg

Life Expectancy: 60,000 Hours @ 25°C

Noise Level: 54 dB(A) (50Hz) / 56 dB(A) (60Hz)

Ingress Protection: IP54 (Standard) / IP55 (With Fine Filter) / IP56 (With Hose-proof Hood)

Operating Temperature: -15°C to +55°C

Storage Temperature: -20°C to +70°C

Housing Material: ABS Plastic (UL 94-5VA)

Color: RAL 7035 (Light Grey)

Mounting Type: Snap-in (Tool-free)

Fuse Protection: Miniature Circuit-Breaker/Fuse: 2 A

Certifications: UL, cUL, CSA, CE, EAC

The SK 3325.107 is specifically designed for the ventilation of electrical enclosures and server cabinets where heat dissipation is critical for component longevity. Commonly deployed in automated manufacturing lines, telecommunications infrastructure, and CNC control panels, this unit prevents thermal throttling in sensitive electronics. The SK 3325.107 ensures continuous air exchange, making it ideal for environments requiring reliable climate control, such as data centers and power distribution units.

Supplemental Images

