

SK3325.107 Rittal 230V 255mm AC Fan-and-filter Unit

SKU: SK3325.107

Price: \$195.99

Categories: Fans

Tags: Rittal

Product Link:

<https://www.electspares.com/product/sk3325-107-rittal-230v-255mm-ac-fan-and-filter-unit/>

Product Description

The Rittal SK3325.107 is a high-performance 230VAC Fan-and-filter unit with external dimensions of 255 x 255 x 105 mm, featuring an integrated ebmpapst shaded pole motor specifically engineered for mission-critical cooling in Industrial Frequency Converters and TopTherm enclosure systems. Driven by a precision-balanced motor with maintenance-free ball bearings and moisture protection, this 1.95 kg unit operates at 230 VAC / 50/60 Hz delivering a Max. Power Consumption of 41.0 / 38.0 W and a Max. Current Draw of 0.28 / 0.24 A. This High-performance unit achieves an unimpeded Air Flow of 230.0 / 265.0 m³/h (135.4 / 156.0 CFM / 3.83 / 4.42 m³/min) and a Max. Static Pressure of 16.32 / 19.37 mmH₂O (160.0 / 190.0 Pa / 0.64 / 0.76 inAq). Featuring a tool-free mounting system and a robust RAL 7035 ABS plastic housing, this IP54-rated unit is optimized for environments requiring high reliability and filtered laminar airflow in industrial VFD systems at the end.

SK3325.107 Fan Parameters

Model Number: SK3325.107

Manufacturer: Rittal (ebmpapst)

Type: AC Fan-and-filter Unit

Dimensions: 255 x 255 x 105 mm

Installation Depth: 105 mm

Required Mounting Cut-out: 224 x 224 mm

Weight: 1.95 kg

Origin: Germany

Bearing Type: Ball bearing (Long-time lubrication)

Phase: 1~

Nominal Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Connection Type: 2-wire (Spring terminals)

Frequency: 50 / 60 Hz

Max. Current Draw: 0.28 / 0.24 A

Max. Power Consumption: 41.0 / 38.0 W

Rated Speed: 2800 / 3300 RPM

Max. Air Flow: 135.4 / 156.0 CFM (230.0 / 265.0 m³/h / 3.83 / 4.42 m³/min)

Max. Static Pressure: 16.32 / 19.37 mmH₂O (160.0 / 190.0 Pa / 0.64 / 0.76 inAq)

Working Air Flow: 230.0 / 265.0 m³/h

Static Pressure Increase: 160.0 / 190.0 Pa

Noise Level: 54 / 56 dB(A)

Motor Protection: Impedance protected

Insulation Class: Class B

Degree of Protection: IP54 (standard) / IP55 (with fine filter mat) / IP56 (with hose-proof hood)

Housing Material: ABS plastic (Self-extinguishing per UL 94-V0)

Color: RAL 7035 (Light grey)

Ambient Temperature (Max.): 55 °C

Min. Operating Temperature: -10 °C

Standard Compliance: EN 60 529/10.91; CE; EAC; CSA; UL

Application

The Rittal SK3325.107 fan-and-filter unit is the primary cooling component for industrial frequency converters and electrical enclosures requiring filtered laminar airflow and stable thermal management in high-dust environments.

Product Images









Scan for product details:

