

SK3322.107 Rittal 230VAC 148.5x148.5mm Fan-and-Filter Unit Datasheet



Brand: Rittal

SKU: 949856430165

Category: Axial & Centrifugal Fans

Price: **\$170.99**

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Product Page:

<https://www.equipspares.com/product/sk3322-107-rittal-230vac-148-5x148-5mm-fan-and-filter-unit>

Product Description

Rittal SK3322.107 is a 230VAC 148.5x148.5mm Axial Fan-and-Filter Unit optimized for thermal management in high-density electrical enclosures. This industrial-grade cooling solution utilizes an ebmpapst motor assembly featuring a robust AC external rotor design and high-precision bearing architecture to ensure long-term structural rigidity. The unit is engineered to minimize thermal impedance within control cabinets by providing consistent laminar airflow through a specialized filter medium. Operating at 19W with a rated current of 12mA at 50Hz, this fan-and-filter unit maintains critical internal temperatures while offering scalable ingress protection up to IP56 with optional accessories. Its aerodynamic housing is designed for rapid tool-free installation, ensuring efficient heat dissipation in demanding industrial environments.

Model Number: SK 3322.107

Brand: Rittal

Product Type: Fan-and-Filter Unit

Rated Voltage: 230 VAC

Voltage Frequency: 50 / 60 Hz

Rated Current: 12 mA (50 Hz) / 11 mA (60 Hz)

Power Consumption: 19 W (50 Hz) / 18 W (60 Hz)

Dimensions: 148.5 x 148.5 mm

Build Depth: 67.5 mm

Required Mounting Cut-out: 124 x 124 mm

Ingress Protection: IP 54 (Standard) / IP 55 (with fine filter mat) / IP 56 (with hose-proof hood)

Operating Temperature: -30 °C to +70 °C

Motor Technology: AC External Rotor (ebmpapst)

EAN: 4028177165373

Supply Includes: Complete unit ready to install including filter mat

Recommended Accessories: Enclosure internal thermostat or speed control

SK3322.107 Applications

1. Industrial Control Cabinets: Ideal as a replacement fan for Rittal TopTherm systems to maintain IP54 integrity while overcoming internal static pressure caused by dense component layouts.
2. Low-Profile VFD Enclosures: The 67.5mm build depth allows for efficient heat extraction in shallow cabinets where space-constrained thermal management is critical.
3. Harsh Environment Electronics: Utilizing the IP56 upgrade path via hose-proof hoods, this unit provides reliable cooling for outdoor telecom or food processing wash-down areas." areas.

Supplemental Images

