

SK 3244.700 Rittal 230VAC 323x323mm Filter Fan Datasheet



Brand: Rittal

SKU: [955164028833](#)

Category: Axial & Centrifugal Fans

Price: **\$952.29**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/sk-3244-700-rittal-230vac-323x323mm-filter-fan>

Product Description

The Rittal SK 3244.700 is a TopTherm fan-and-filter unit designed for high-efficiency enclosure cooling within the Blue e+ ecosystem. Utilizing advanced diagonal fan technology, this unit optimizes pressure stability and airflow throughput while maintaining a compact thermal impedance profile. The system features tool-free assembly and a sophisticated louver design that enhances ingress protection without compromising aerodynamic performance. Constructed with robust ABS material, it ensures structural rigidity and long-term reliability in industrial environments, effectively managing heat dissipation for sensitive electronic components while adhering to strict NEMA and IP standards.

Model Number: SK 3244.700

Brand: Rittal

Product Type: TopTherm Fan-and-Filter Unit

Series: Blue e+

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Current: 0.43 A (50 Hz) / 0.60 A (60 Hz)

Power Consumption: 100 W (50 Hz) / 145 W (60 Hz)

Unimpeded Air Flow: 700 m³/h (50 Hz) / 770 m³/h (60 Hz)

Air Flow with Filter: 505 m³/h (50 Hz) / 530 m³/h (60 Hz)

Dimensions: 323 x 323 x 118.5 mm

Mounting Cutout: 292 x 292 mm

Installation Depth: 118.5 mm

Build Depth: 25 mm

Noise Level: 65 dB(A) (50 Hz) / 68 dB(A) (60 Hz)

Operating Temperature: -30°C to +55°C

Storage Temperature: -30°C to +70°C

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

Housing Material: ABS

Color: RAL 7035 (Light Grey)

Motor Technology: Diagonal, Self-starting Shaded Pole

Service Life: 63,000 Hours (at 40°C)

Protection Category: NEMA 12

Pre-fuse: Miniature Circuit-Breaker/Fuse: 4 A

Weight: 4.3 kg

Connection: Spring-loaded terminals

Certifications: UL, cUL, CSA, CE, EAC

Designed for critical thermal management in industrial automation, the SK 3244.700 ensures optimal operating conditions for control cabinets and server racks. This unit is frequently deployed in CNC machining centers, power distribution panels, and telecommunications infrastructure where dust filtration and heat removal are paramount. The SK 3244.700 maintains system integrity in automotive manufacturing lines and food processing facilities, preventing overheating-induced downtime in sensitive PLCs and drives.

Supplemental Images

