

SK 3244.740 Rittal 230VAC 323x323mm TopTherm Filter Fan Datasheet



Brand: Rittal

SKU: [953476887590](#)

Category: Axial & Centrifugal Fans

Price: **\$1,109.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/sk-3244-740-rittal-230vac-323x323mm-toptherm-filter-fan>

Product Description

The Rittal SK 3244.740 is a high-efficiency TopTherm fan-and-filter unit designed for critical industrial enclosure climate control. Utilizing advanced diagonal fan technology, this unit ensures stable static pressure delivery while minimizing thermal impedance within high-density server and control cabinets. The system features a robust housing engineered for structural rigidity and optimal aerodynamic performance, effectively dissipating heat loads. Equipped with a durable AC motor and tool-free assembly mechanisms, the SK 3244.740 maintains consistent airflow throughput, ensuring component longevity through precise thermal regulation and ingress protection against dust and particulate matter.

Model Number: SK 3244.740

Brand: Rittal

Product Type: TopTherm Fan-and-Filter Unit

Rated Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Frequency: 50 / 60 Hz

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

Power Consumption: 95 W (50 Hz) / 135 W (60 Hz)

Unimpeded Airflow: 700 m³/h (412 CFM) / 770 m³/h (453 CFM)

Airflow with Outlet Filter: 544 m³/h (50 Hz) / 587 m³/h (60 Hz)

Dimensions: 323 x 323 mm

Installation Depth: 130.5 mm

Cut-out Dimensions: 292 x 292 mm

Noise Level: 65 dB(A) (50 Hz) / 66 dB(A) (60 Hz)

Bearing Type: Ball Bearing

Service Life: 63,000 Hours (at 60Hz)

Operating Temperature: -30°C to +55°C

Storage Temperature: -30°C to +70°C

Ingress Protection: IP54 (Standard) / IP55 (With Fine Filter Mat)

Color: RAL 7035 (Light Grey)

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

Fan Build: Diagonal, Self-starting Shaded Pole Motor

Mounting Orientation: Vertical

Termination: Terminal Strip

Weight: 4.3 kg

Certifications: UL, cUL, CSA, CE, EAC

The SK 3244.740 is engineered specifically for the rigorous demands of industrial automation and electrical distribution environments. Commonly deployed in large-scale control cabinets and server racks, this unit provides essential cooling for PLCs, variable frequency drives, and sensitive telecommunications equipment. The SK 3244.740 excels in manufacturing floors and data centers where maintaining a contaminant-free internal environment is as critical as heat dissipation, ensuring operational continuity in CNC machining centers and power distribution units.

Supplemental Images

