

SK 3237.124 Rittal 24VDC 148.5x148.5mm TopTherm Filter Fan Datasheet



Brand: Rittal

SKU: 953470939416

Category: Axial & Centrifugal Fans

Price: \$352.43

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Product Page:

<https://www.equipspares.com/product/sk-3237-124-rittal-24vdc-148-5x148-5mm-toptherm-filter-fan>

Product Description

The Rittal SK 3237.124 is a precision-engineered TopTherm Fan-and-filter unit designed for optimal thermal management in industrial enclosures. Utilizing advanced diagonal fan technology, this 24VDC unit ensures stable pressure build-up and consistent airflow to mitigate thermal impedance within high-density component layouts. The housing features a tool-free assembly mechanism with a sophisticated latching system, ensuring structural rigidity and rapid installation. Engineered with high-quality ABS material, the SK 3237.124 maintains an IP54 protection rating, effectively shielding sensitive electronics from dust and particulate ingress while delivering energy-efficient cooling performance.

Model Number: SK 3237.124

Brand: Rittal

Product Type: TopTherm Fan-and-filter Unit

Rated Voltage: 24 VDC

Rated Current: 0.12 A

Rated Power: 3.0 W

Max. Air Flow (Unimpeded): 20 m³/h (11.8 CFM)

Air Flow (With Filter): 15 m³/h

Dimensions (W x H): 148.5 x 148.5 mm

Installation Depth: 58.5 mm

Mounting Cut-out: 124 x 124 mm

Noise Level: 38 dB(A)

Bearing Type: Ball Bearing

Ingress Protection: IP54 (Standard)

Operating Temperature: -15°C to +55°C

Storage Temperature: -30°C to +70°C

Material: ABS (Fire resistance to UL 94-5VA)

Color: RAL 7035 (Light Grey)

Weight: 0.34 kg

Life Expectancy: 60,000 h (at 25°C)

Connection: 2 single wires (length approx. 300 mm)

Pre-fuse: Miniature circuit-breaker/fuse: 2 A

The SK 3237.124 is specifically engineered for climate control in small to medium-sized industrial enclosures and server racks where heat dissipation is critical for component longevity. Commonly deployed in automation control panels, telecommunications infrastructure, and CNC machinery interfaces, this unit ensures reliable air exchange to prevent hotspots. The SK 3237.124 facilitates rapid maintenance through its tool-free filter replacement system, making it an ideal solution for continuous-duty manufacturing environments and IT data closets requiring consistent thermal regulation.

Supplemental Images

