

# SK3239.124 Rittal 24VDC 120x38mm Filter Cabinet Fan Datasheet



**Brand:** Rittal

**SKU:** [998963884488](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$200.57**

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Product Page: <https://www.equipspares.com/product/sk3239-124-rittal-24vdc-120x38mm-filter-cabinet-fan>

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## Product Description

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The Rittal SK3239.124 is a precision-engineered TopTherm fan-and-filter unit designed for optimal thermal management in industrial enclosures. Utilizing advanced DC motor technology, this unit delivers consistent airflow while maintaining high energy efficiency and low acoustic noise. The aerodynamic blade geometry minimizes turbulence, significantly reducing thermal impedance within high-density component layouts. Constructed with a robust housing and integrated filtration, it ensures ingress protection against dust and particulates. The system features a durable bearing architecture tailored for continuous duty cycles, ensuring structural rigidity and long-term reliability in demanding automation environments.

Model Number: SK3239.124

Brand: Rittal

Product Type: TopTherm Fan-and-Filter Unit

Rated Voltage: 24 VDC

Voltage Range: 20.0 - 28.0 VDC

Rated Current: 0.32 A

Power Input: 7.7 W

Rated Speed: 2800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 61.8 CFM (105 m<sup>3</sup>/h / 1.75 m<sup>3</sup>/min)

Max. Static Pressure: 7.1 mmH<sub>2</sub>O (70 Pa / 0.28 inH<sub>2</sub>O)

Fan Dimensions: 120 x 120 x 38 mm

Unit Dimensions: 204 x 204 x 24 mm

Weight: 0.68 kg

Life Expectancy: 60,000 Hours @ 40°C

Noise Level: 46 dB(A)

Ingress Protection: IP54

Housing Material: ABS Plastic (UL94V-0)

Operating Temperature: -15°C to +55°C

Storage Temperature: -20°C to +70°C

Termination: 2-Wire Leads

Mounting: Snap-in / Screw

Filter Mat: Chemical Fibre

The SK3239.124 is engineered for critical cooling applications in industrial automation and telecommunications. It is widely deployed in server racks and control cabinets where maintaining stable internal temperatures is vital for component longevity. The SK3239.124 effectively dissipates heat in CNC machine control panels and power distribution units, preventing thermal throttling. Additionally, this model is suitable for medical instrumentation and outdoor telecom enclosures requiring reliable filtration and airflow.

## Supplemental Images

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