

KA-9803B KAKU 148.5mm Louvered Fan Filter Datasheet



Brand: KAKU

SKU: [682203167446](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/ka-9803b-kaku-148-5mm-louvered-fan-filter>

Product Description

The KAKU KA-9803B is a specialized ventilation accessory designed for industrial thermal management systems, specifically engineered to house 120mm axial fans. Constructed from high-impact ABS resin with UL94V-0 flammability rating, this louvered filter assembly ensures optimal airflow while providing robust ingress protection against dust and moisture. The unit features a streamlined aerodynamic grille design that minimizes static pressure resistance, maintaining system thermal impedance at efficient levels. Its modular construction facilitates rapid maintenance and filter replacement, ensuring structural rigidity and long-term reliability in harsh enclosure environments.

Model Number: KA-9803B

Brand: KAKU

Product Type: Fan Filter Assembly

Rated Voltage: N/A (Passive Accessory)

Voltage Range: N/A

Rated Current: N/A

Power: N/A

Rated Speed: N/A

Bearing Type: N/A

Max. Air Flow: Dependent on Fan (Optimized for 120mm)

Max. Static Pressure: Dependent on Fan

Dimensions: 148.5 x 148.5 x 29 mm

Weight: 235 g

Life Expectancy: Durable ABS Construction

Fits Fan Size: 120 x 120 mm

Cutout Dimensions: 122 x 122 mm

Material: ABS Resin (UL94V-0)

Color: RAL 7035 Light Grey

Ingress Protection: IP44 (Standard) / IP54 (With Fine Filter)

Filter Media: Non-woven Synthetic Fiber

Filtration Efficiency: 70 Percent

Dust Removal Rate: 80 Percent

Mounting Type: Snap-in / Screw Mount

Operating Temperature: -10 to 55 Degrees Celsius

Storage Temperature: -20 to 70 Degrees Celsius

Flammability Rating: UL94V-0

Certifications: CE, RoHS, ISO9001

The KA-9803B is extensively utilized in electrical control cabinets and server rack enclosures where dust mitigation is critical for component longevity. By integrating the KA-9803B into automation panels and CNC machinery housings, operators ensure clean air intake for sensitive electronics while blocking particulate matter. This filtration solution is also ideal for power distribution units and telecommunications infrastructure, preventing particulate accumulation that leads to overheating and hardware failure.

Supplemental Images

