

FU-9801B KAKU 80mm Rainproof Fan Filter Louver Kit Datasheet



Brand: KAKU

SKU: [886688347656](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/fu-9801b-kaku-80mm-rainproof-fan-filter-louver-kit>

Product Description

The KAKU FU-9801B is a specialized Rainproof Fan Filter assembly designed to enhance the ingress protection of industrial enclosures and control cabinets. Engineered with high-impact ABS resin, this unit provides robust structural rigidity and superior thermal stability in harsh outdoor or industrial environments. The aerodynamic louver design effectively channels airflow while preventing the entry of moisture and particulate matter, significantly extending the operational lifespan of internal components. By integrating a high-density filtration media, the FU-9801B optimizes the balance between thermal impedance and static pressure resistance, ensuring efficient heat dissipation for 80mm axial fans mounted in electrical cabinets.

Model Number: FU-9801B

Brand: KAKU

Product Type: Rainproof Fan Filter / Louver 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 installed fan

Max. Static Pressure: Dependent on installed fan

Compatible Fan Size: 80mm x 80mm
Outer Dimensions: 116mm x 116mm x 23mm
Cutout Dimensions: 105mm x 105mm
Material: ABS Resin (UL94V-0)
Filter Media: Synthetic Nylon Fiber
Ingress Protection: IP44 / IP54 (Sealed)
Color: RAL 7035 (Light Grey)
Mounting Type: Snap-in / Screw Mount
Operating Temperature: -10°C to +55°C
Flammability Rating: UL94V-0
Maintenance: Washable Filter Media
Weight: Approx. 120g
Life Expectancy: Mechanical (Indefinite)

The FU-9801B is extensively utilized in outdoor telecommunication cabinets and industrial automation control panels where moisture and dust protection are critical. By shielding the intake or exhaust ports, the FU-9801B prevents water ingress during heavy rainfall while maintaining necessary airflow for thermal management. This model is frequently deployed in CNC machinery enclosures, power distribution units, and renewable energy inverters. Integrating the FU-9801B ensures compliance with environmental safety standards in server racks and roadside equipment housings, safeguarding sensitive electronics from contaminants.

Supplemental Images

