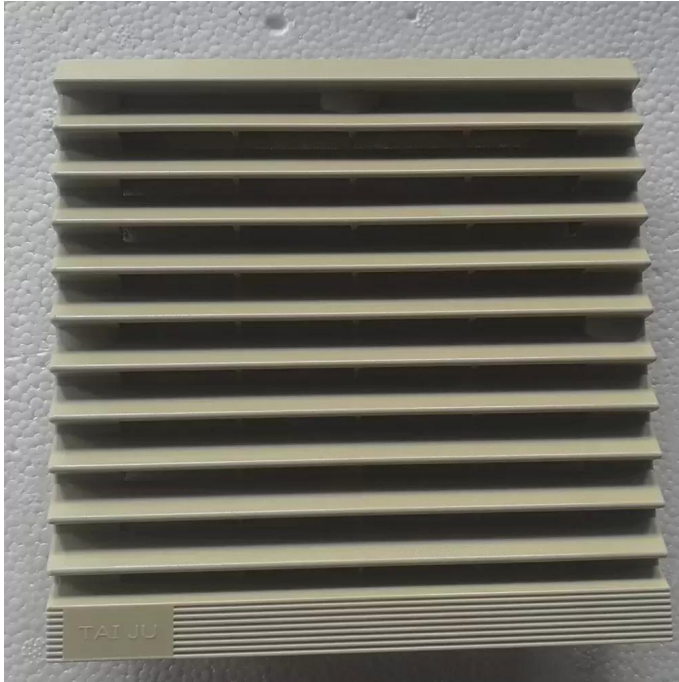


FU9803A TAIJU Passive 148.5mm Cabinet Louver Fan Filter Datasheet



SKU: [887328949432](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/fu9803a-taiju-passive-148-5mm-cabinet-louver-fan-filter>

Product Description

The TAIJU FU9803A is a robust Louver Filter designed to safeguard industrial thermal management systems. Engineered with high-impact ABS resin, this filtration unit ensures structural rigidity while maintaining optimal airflow for 120mm axial fans (specifically 12038 form factors). The aerodynamic louver design minimizes air resistance and thermal impedance, effectively preventing dust ingress without compromising heat dissipation efficiency. Featuring a replaceable non-woven fiber mat and IP54-rated construction, the FU9803A provides critical protection for sensitive electronic components within server cabinets and control panels, ensuring operational longevity in harsh industrial environments.

Model Number: FU9803A

Brand: TAIJU

Product Type: Louver Fan Filter

Rated Voltage: N/A (Passive Component)

Voltage Range: N/A

Rated Current: N/A

Power: N/A

Rated Speed: N/A

Bearing Type: N/A

Max. Air Flow: High Transmissivity (Low Resistance)

Max. Static Pressure: Low Impedance Design

Dimensions: 148.5 x 148.5 x 28 mm

Weight: 135 g

Life Expectancy: Indefinite (Replaceable Media)

Cutout Dimensions: 122 x 122 mm

Compatible Fan Size: 120 x 120 mm (12038 / 12025)

Frame Material: ABS Resin (UL94V-0 Flame Retardant)

Filter Media: Nylon Fiber Synthetic Resin

Ingress Protection: IP54

Dust Removal Efficiency: 89%

Operating Temperature: -10°C to +55°C

Storage Temperature: -20°C to +70°C

Color: RAL 7035 (Light Grey)

Mounting Orientation: Vertical / Horizontal

The FU9803A is extensively utilized in industrial automation enclosures, server racks, and power distribution units where dust mitigation is paramount. By integrating the FU9803A with 120mm cooling fans, facility managers ensure clean airflow in CNC control cabinets, telecommunications equipment, and medical instrumentation panels, thereby preventing thermal throttling and particulate accumulation on sensitive circuit boards.

Supplemental Images

