

SF30C-12 SEPA 12VDC 30x30x12mm Ultra-Quiet Axial Fan Datasheet



Brand: SEPA

SKU: [663367549734](#)

Category: Axial & Centrifugal Fans

Price: **\$6.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/sf30c-12-sepa-12vdc-30x30x12mm-ultra-quiet-axial-fan>

Product Description

The SEPA SF30C-12 is a compact DC Axial Fan engineered for precision thermal management in space-constrained electronic assemblies. Utilizing an advanced aerodynamic impeller design, this unit optimizes airflow while maintaining a low acoustic profile, characterized by its minimal current draw of 0.06A. The construction features a durable PBT housing that ensures structural rigidity and resistance to thermal deformation. Designed with a reliable bearing architecture, the fan delivers consistent performance, effectively reducing thermal impedance in sensitive components. Its 12VDC operation and standardized dimensions make it an ideal solution for maintaining operational stability in industrial and consumer electronics.

Model Number: SF30C-12

Brand: SEPA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.06 A

Power Input: 0.72 W

Rated Speed: 7700 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 3.2 CFM (5.4 m³/h / 0.09 m³/min)

Max. Static Pressure: 2.1 mmH₂O (20.6 Pa / 0.08 inH₂O)

Dimensions: 30x30x12mm

Noise Level: 21 dB(A)

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +60°C

Storage Temperature: -30°C to +70°C

Life Expectancy: 30,000 Hours at 40°C

Weight: 8 g

The SF30C-12 is specifically designed for applications requiring efficient heat dissipation within compact enclosures, such as chipset cooling, DVR systems, and portable instrumentation. Its small footprint allows for integration into tight spaces where airflow is critical for component longevity. Engineers frequently select the SF30C-12 for medical handheld devices and telecommunications equipment where low noise and reliability are paramount. The consistent airflow provided by the SF30C-12 ensures that sensitive microprocessors remain within safe operating temperature ranges.

Supplemental Images

