

SF30A-12 SEPA 12VDC 30x30x10mm Low Noise Axial Fan Datasheet



Brand: SEPA

SKU: [755871024973](#)

Category: Axial & Centrifugal Fans

Price: **\$6.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/sf30a-12-sepa-12vdc-30x30x10mm-low-noise-axial-fan>

Product Description

The SEPA SF30A-12 is a compact Axial Fan designed for precision thermal management in space-constrained electronic assemblies. Engineered by Nippon Keiki Works, this micro-cooling solution features a highly efficient 12VDC motor architecture that draws a minimal 0.04A, ensuring low power consumption while maintaining optimal airflow. The unit utilizes a durable sleeve bearing system and an optimized impeller design to deliver consistent cooling performance with reduced acoustic noise. Its structural rigidity and compact form factor make it an ideal component for maintaining thermal equilibrium in sensitive circuitry.

Model Number: SF30A-12

Brand: SEPA

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.04 A

Power: 0.48 W

Rated Speed: 8500 RPM

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)

Noise Level: 24 dBA

Bearing Type: Sleeve Bearing

Dimensions: 30 x 30 x 10 mm

Weight: 8 g

Termination: 2 Wire Leads

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10 to +60 °C

Storage Temperature: -20 to +70 °C

Life Expectancy: 30,000 Hours at 25°C

The SF30A-12 is specifically engineered for integration into compact electronic devices where internal space is at a premium. Common applications include cooling chipsets in DVR systems, small form-factor power supplies, handheld medical diagnostic equipment, and network interface cards. The low acoustic profile of the SF30A-12 also makes it suitable for audio-visual equipment and home automation sensors requiring silent operation.

Supplemental Images

