

EEC0382B1-000U-F99 Sunon 24VDC 120x120x38mm 9.2W Axial Fan Datasheet



Brand: SUNON

SKU: 924836793461

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/eec0382b1-000u-f99-sunon-24vdc-120x120x38mm-9-2w-axial-fan>

Product Description

The Sunon EEC0382B1-000U-F99 is a robust DC Axial Fan engineered for high-impedance thermal management applications. Utilizing a precision 2 Ball Bearing architecture, this unit offers superior structural rigidity and reduced friction, ensuring an extended service life even under continuous duty cycles. The fan features an aerodynamically optimized impeller housed within a durable thermoplastic PBT frame, designed to maximize airflow efficiency while maintaining a stable thermal impedance profile. Powered by a 24VDC brushless motor, it delivers substantial static pressure and volume, making it an ideal solution for critical cooling requirements where reliability is paramount.

Model Number: EEC0382B1-000U-F99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.38 A

Power Consumption: 9.2 W

Rated Speed: 3100 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 138.0 CFM (234.5 m³/h / 3.91 m³/min)

Max. Static Pressure: 9.14 mmH₂O (89.67 Pa / 0.36 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 214 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 48.0 dB(A)

Output Signal: Frequency Generator (F Type / Tachometer)

Ingress Protection: IP20

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 3-Wire Lead

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Safety Certifications: UL, CUR, TUV, CE

Designed for industrial-grade cooling, the EEC0382B1-000U-F99 is specifically suited for environments requiring high volumetric airflow against system resistance. Common applications include server rack ventilation, telecommunications cabinets, and power supply cooling where heat dissipation is critical. The EEC0382B1-000U-F99 ensures consistent thermal stability in dense electronic enclosures, effectively preventing component throttling in automation control panels and network infrastructure equipment.

Supplemental Images

