

EEC0382B2-000C-A99 Sunon 24VDC 120x120x38mm Axial Fan Datasheet



Brand: SUNON

SKU: [997014460821](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/eec0382b2-000c-a99-sunon-24vdc-120x120x38mm-axial-fan>

Product Description

Sunon EEC0382B2-000C-A99 is a 24VDC 120x120x38mm Axial Fan optimized for high-density thermal dissipation in enclosed industrial environments. By maintaining a consistent 2600RPM rotational velocity, this unit generates 93CFM of airflow to counteract localized heat stagnation. The dual ball bearing system's precision-ground raceways minimize mechanical friction, ensuring the 120x120x38mm 24VDC Axial Fan operates continuously without lubricant degradation under elevated ambient temperatures. Integrated 5.4W power consumption allows for efficient thermal management without overloading auxiliary power rails. This 5.4W Axial Fan utilizes a reinforced PBT impeller to maintain structural integrity against centrifugal forces, preventing blade deformation during peak duty cycles.

Model Number: EEC0382B2-000C-A99

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Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.225A

Power: 5.4W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 93.0 CFM (158.0 m³/h)
Max. Static Pressure: 0.28 inH₂O (69.7 Pa)
Noise Level: 40.5 dBA
Dimensions: 120 x 120 x 38 mm
Weight: 214g
Life Expectancy: 70,000 Hours at 40C
Material: PBT Thermoplastic (UL94V-0)
Termination: 2-Wire Lead (UL1007, AWG24)
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +70C
Insulation Resistance: 10M ohm at 500VDC
Dielectric Strength: 500VAC for 1 minute
Protection: Auto Restart, Polarity Protection
Certifications: CE, TUV, UL, CUR

Applications & Industry Use Cases

1. VFD Control Cabinets: Provides critical airflow to prevent IGBT thermal runaway in motor drives.
2. Industrial PLCs: Acts as a direct replacement fan for maintaining logic controller stability.
3. 2U Rackmount Chassis: High-static pressure profile overcomes internal resistance in dense server enclosures.
4. Telecom Edge Routing: Ensures consistent heat extraction for outdoor networking hardware reliability.
5. Power Supply Cooling: Rapidly exhausts waste heat to prevent capacitor dry-out in SMPS units.

Supplemental Images

