

GE92252B2-000C-AE9 Sunon 24VDC 92x92x25mm DC Axial Fan Datasheet



Brand: SUNON

SKU: 938474020363

Category: Axial & Centrifugal Fans

Price: \$17.99

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Product Page:

<https://www.equipspares.com/product/ge92252b2-000c-ae9-sunon-24vdc-92x92x25mm-dc-axial-fan>

Product Description

The Sunon GE92252B2-000C-AE9 is a DC Axial Fan engineered for harsh industrial environments requiring superior ingress protection. Utilizing a robust 2 Ball Bearing architecture, this unit ensures long-term reliability and reduced thermal impedance under continuous operation. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity. Encased in UL94V-0 thermoplastic, the GE series features IP68-rated potting, providing complete protection against dust and water immersion, making it ideal for demanding thermal management applications.

Model Number: GE92252B2-000C-AE9

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power: 4.32 W

Rated Current: 0.18 A

Rated Speed: 4500 RPM

Max. Air Flow: 75.0 CFM (127.4 m³/h / 2.12 m³/min)

Max. Static Pressure: 0.35 inH₂O (8.89 mmH₂O / 87.1 Pa)

Bearing Type: 2 Ball Bearing

Dimensions: 92 x 92 x 25 mm

Weight: 123 g

Life Expectancy: 70,000 Hours @ 40°C

Ingress Protection: IP68 (Dust Tight / Waterproof)

Noise Level: 47.0 dBA

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires (300mm)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Safety Features: Auto Restart, Polarity Protection

Designed for resilience in challenging environments, the GE92252B2-000C-AE9 excels in outdoor telecommunications equipment and industrial automation systems exposed to moisture and dust. This cooling solution is frequently integrated into LED signage, solar inverters, and marine electronics where standard fans fail. The GE92252B2-000C-AE9 ensures critical component longevity in CNC machinery and refrigeration units by maintaining optimal thermal envelopes despite contaminant exposure.

Supplemental Images

