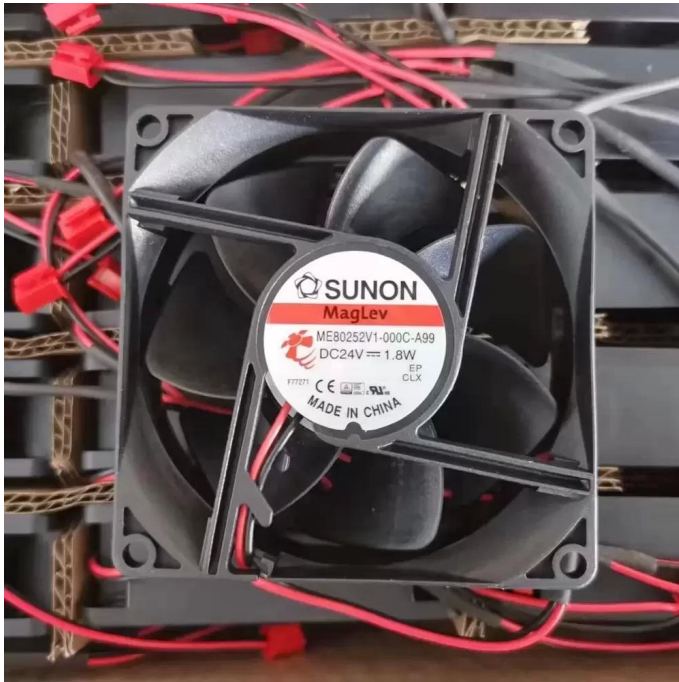


ME80252V1-000C-A99 Sunon 24VDC 80x80x25mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [681632587006](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/me80252v1-000c-a99-sunon-24vdc-80x80x25mm-maglev-axial-fan>

Product Description

The Sunon ME80252V1-000C-A99 is a DC Axial Fan engineered with Sunon's proprietary MagLev (Magnetic Levitation) technology. This advanced motor design utilizes a Vapo bearing system to eliminate friction between the shaft and bearing, significantly reducing noise output while enhancing structural rigidity and lifespan. Designed for critical thermal management, the unit offers low thermal impedance and stable operation, making it suitable for applications requiring consistent airflow and high durability. The aerodynamic blade geometry ensures efficient static pressure delivery within a compact industrial footprint.

Model Number: ME80252V1-000C-A99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 1.80 W

Rated Current: 0.075 A

Rated Speed: 3200 RPM

Bearing Type: Vapo (MagLev)

Max. Air Flow: 41.0 CFM (69.66 m³/h / 1.16 m³/min)

Max. Static Pressure: 0.18 inH₂O (4.57 mmH₂O / 44.82 Pa)

Dimensions: 80x80x25mm

Weight: 75.0 g

Noise Level: 33.0 dBA

Life Expectancy: 70,000 Hours at 40°C

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP Class Optional

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (UL1007 #24AWG)

Compliance: RoHS, UL, CUR, TUV

Motor Protection: Impedance Protected, Reverse Polarity Protection

The ME80252V1-000C-A99 is specifically optimized for industrial frequency inverters and power conversion equipment where reliable heat dissipation is critical. Its magnetic levitation system makes the ME80252V1-000C-A99 an ideal choice for noise-sensitive environments such as server racks, medical instrumentation, and precision telecommunication hubs, ensuring long-term operational stability without the mechanical wear associated with traditional contact bearings.