

ME60151V3-D02C-A99 SUNON 12VDC 60x60x15mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [912657110020](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

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Product Page:

<https://www.equipspares.com/product/me60151v3-d02c-a99-sunon-12vdc-60x60x15mm-maglev-axial-fan>

Product Description

The SUNON ME60151V3-D02C-A99 is a precision-engineered DC Axial Fan designed for applications requiring optimized thermal impedance and acoustic performance. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) motor technology, this unit features a Vapo bearing system that magnetically stabilizes the rotor to eliminate friction, significantly extending operational lifespan and ensuring structural rigidity. The aerodynamic design of the thermoplastic PBT impeller maximizes airflow efficiency while maintaining a low power consumption profile, making it an ideal solution for systems sensitive to vibration and thermal fluctuations.

Model Number: ME60151V3-D02C-A99

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Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.075 A

Power: 0.90 W

Rated Speed: 3900 RPM $\pm$ 15%

Bearing Type: Vapo (MagLev)

Max. Air Flow: 18.2 CFM (30.9 m³/h / 0.51 m³/min)

Max. Static Pressure: 0.12 inH₂O (3.05 mmH₂O / 29.9 Pa)

Dimensions: 60 x 60 x 15 mm

Weight: 30.0 g

Life Expectancy: 60,000 Hours at 40°C

Noise Level: 28.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Leads (UL1007, 26AWG)

Ingress Protection: IP5X

Safety Features: Auto Restart, Polarity Protection

Insulation Class: Class A

This cooling solution is engineered for high-reliability environments such as compact server racks, telecommunications equipment, and precision medical devices. The ME60151V3-D02C-A99 ensures consistent airflow in enclosed chassis where thermal management is critical for component longevity. Additionally, the low-noise profile of the ME60151V3-D02C-A99 makes it suitable for office automation equipment and home media centers requiring silent operation.

Supplemental Images

