

ME70152V1-Q00C-F99 SUNON 24VDC 70x70x15mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [1010824590951](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/me70152v1-q00c-f99-sunon-24vdc-70x70x15mm-maglev-axial-fan>

Product Description

The SUNON ME70152V1-Q00C-F99 is a precision-engineered DC axial fan designed for high-reliability industrial thermal management. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) bearing technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction, vibration, and noise while extending operational lifespan. The 70mm frame is constructed with high-grade thermoplastic to ensure structural rigidity under thermal stress. Operating at 24VDC with a power consumption of 2.07W, it delivers optimized airflow with low thermal impedance, making it an ideal solution for continuous-duty applications requiring stable cooling performance.

Model Number: ME70152V1-Q00C-F99

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Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 27.6 VDC

Power Rating: 2.07 W

Rated Speed: 3800 RPM

Max. Air Flow: 29.0 CFM (49.27 m³/h / 0.82 m³/min)

Max. Static Pressure: 3.56 mmH₂O (34.8 Pa / 0.14 inH₂O)

Noise Level: 35.5 dB(A)

Bearing Type: MagLev (Vapo Bearing)

Dimensions: 70 x 70 x 15 mm

Weight: 45.0 g

Termination: 3-Wire with Connector

Wire Function: Signal Output (F99 Code)

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours at 40°C

Safety Certifications: UL, CUR, TUV, CE

Motor Protection: Auto Restart / Polarity Protection

The ME70152V1-Q00C-F99 is engineered for critical thermal regulation in industrial environments. It is frequently deployed in industrial control chassis where space is limited but airflow requirements are stringent. Additionally, the ME70152V1-Q00C-F99 serves as a primary cooling component in network communication equipment, power supply units, and automation machinery, ensuring reliable operation by effectively dissipating heat from sensitive electronic components.

Supplemental Images

