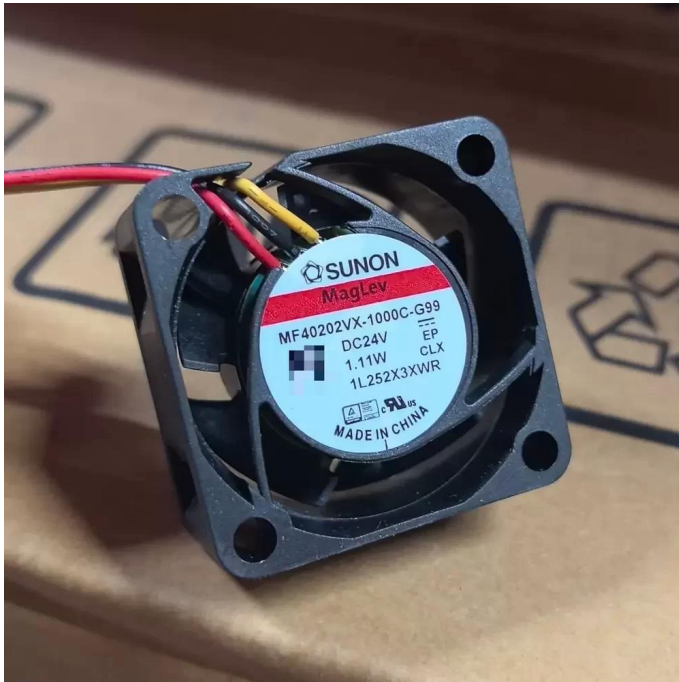


MF40202VX-1000C-G99 SUNON 24VDC 40x40x20mm MagLev Axial Fan Datasheet



Brand: SUNON

SKU: [991775036920](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mf40202vx-1000c-g99-sunon-24vdc-40x40x20mm-maglev-axial-fan>

Product Description

The SUNON MF40202VX-1000C-G99 is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring high reliability and acoustic performance. Utilizing SUNON's proprietary Magnetic Levitation (MagLev) bearing system, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction and vibration while extending operational lifespan. The 40x40x20mm chassis is constructed for structural rigidity, housing an aerodynamically optimized impeller that delivers consistent airflow with minimal turbulence. Operating at 24VDC with a power consumption of 1.11W, this model integrates a 3-wire tachometer signal for real-time speed monitoring, ensuring optimal thermal impedance control in sensitive electronic environments. The unit features a robust thermoplastic housing and is engineered to maintain performance stability across a wide range of industrial operating conditions.

Model Number: MF40202VX-1000C-G99

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.046 A

Power: 1.11W

Rated Speed: 6800 RPM
Bearing Type: MagLev (Magnetic Levitation)
Max. Air Flow: 10.8 CFM (18.3 m³/h)
Max. Static Pressure: 0.27 inH₂O (67.2 Pa)
Dimensions: 40x40x20mm
Weight: 31.0 g
Life Expectancy: 70,000 Hours at 40°C
Termination: 3-Wire (Lead Wires)
Speed Control: Tachometer Output (Frequency Generator)
Noise Level: 27.5 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
Ingress Protection: IP5X (Dust Protected)
Safety Certifications: UL, CUR, TUV, CE

Designed for high-density electronic cooling, the MF40202VX-1000C-G99 is frequently deployed in industrial automation control panels, compact server racks, and precision medical instrumentation. Its compact form factor allows for integration into tight enclosures where airflow efficiency is paramount. The MF40202VX-1000C-G99 provides reliable heat dissipation for telecommunications equipment, network switches, and embedded systems, ensuring component stability under continuous operation. The inclusion of a speed sensor makes it particularly suitable for smart cooling arrays in data centers.

Supplemental Images

