

MMF-08G24ES-CP1 Mitsubishi 24VDC 80x80x25mm Axial Fan Datasheet



Brand: Mitsubishi

SKU: [888423361774](#)

Category: Axial & Centrifugal Fans

Price: **\$24.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The Mitsubishi MMF-08G24ES-CP1 is a precision-engineered DC axial fan manufactured by Melco Technorex, designed for critical thermal management in industrial and computing environments. This unit features a robust 24VDC motor architecture optimized for consistent airflow delivery and reduced thermal impedance. Built with high-grade structural rigidity, the fan ensures operational stability and longevity even under continuous operation. Its aerodynamic blade design minimizes turbulence while maximizing static pressure, making it an ideal solution for systems requiring reliable heat dissipation. The MMF-08G24ES-CP1 integrates advanced motor protection and efficient commutation electronics to maintain performance under continuous load conditions, ensuring optimal cooling for sensitive electronic components.

Model Number: MMF-08G24ES-CP1

Brand: Mitsubishi (Melco Technorex)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power Input: 3.12 W

Rated Speed: 3250 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 38.8 CFM (66.0 m³/h / 1.10 m³/min)
Max. Static Pressure: 3.50 mmH₂O (34.3 Pa / 0.14 inH₂O)
Dimensions: 80 x 80 x 25 mm
Weight: 85 g
Noise Level: 34.0 dBA
Life Expectancy: 60,000 Hours @ 40°C
Termination: 3-Wire Lead with Connector
Sensor Type: Pulse Sensor (Tachometer)
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10 to +60 °C
Storage Temperature: -30 to +70 °C
Mounting Orientation: Any
Ingress Protection: IP20
Safety Certifications: UL, CSA, TUV

The MMF-08G24ES-CP1 is engineered for versatile deployment in electronic cooling applications, ranging from server rack ventilation to industrial automation control panels. Its compact form factor allows for seamless integration into CNC machinery electronics and telecommunications equipment where space is at a premium but airflow cannot be compromised. Technicians frequently utilize the MMF-08G24ES-CP1 for replacing OEM fans in power supply units, computer heatsinks, and medical instrumentation, ensuring critical components remain within safe thermal operating limits. The reliability of this model makes it a staple for maintaining system uptime in continuous-duty environments.

Supplemental Images

