

MMF-09C24TS-YM4 Mitsubishi 24VDC 90x90x25mm 3-Wire Axial Fan Datasheet



Brand: Mitsubishi

SKU: [991653671358](#)

Category: Axial & Centrifugal Fans

Price: **\$30.99**

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Product Description

The Mitsubishi MMF-09C24TS-YM4 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics and power conversion systems. Utilizing advanced DC motor technology, this unit delivers consistent airflow while maintaining optimal thermal impedance within enclosed systems. The construction features a durable housing and aerodynamically optimized impeller blades that reduce turbulence and enhance static pressure capabilities. Engineered for structural rigidity and long-term reliability, the MMF-09C24TS-YM4 ensures stable operation under continuous duty cycles, making it an essential component for maintaining the operational integrity of sensitive electronic components such as variable frequency drives and automation controllers.

Model Number: MMF-09C24TS-YM4

Brand: Mitsubishi Electric

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.20 A

Input Power: 4.80 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 51.2 CFM (87.0 m³/h / 1.45 m³/min)

Max. Static Pressure: 4.50 mmH₂O (44.1 Pa / 0.18 inH₂O)

Dimensions: 90x90x25mm

Termination: 3-Wire Lead (with Sensor)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours @ 40°C

Speed Control: Tachometer Output

Mounting Orientation: Any

Weight: 110 g

The MMF-09C24TS-YM4 is specifically calibrated for high-reliability environments, finding its primary application in the thermal regulation of Mitsubishi inverters and variable frequency drives. Beyond power electronics, this cooling solution is suitable for server rack ventilation, CNC control cabinets, and telecommunications equipment where consistent heat dissipation is mandatory. The robust design of the MMF-09C24TS-YM4 allows it to function effectively in industrial automation setups, ensuring that sensitive circuitry remains within safe operating temperature ranges to prevent thermal throttling or component failure.

Supplemental Images

