

# MMF-09D24TS-RM9 Mitsubishi 24VDC 90x90x25mm Axial Fan Datasheet



**Brand:** Mitsubishi

**SKU:** [949865599871](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$35.99**

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Product Page:

<https://www.equipspares.com/product/mmf-09d24ts-rm9-mitsubishi-24vdc-90x90x25mm-axial-fan>

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## Product Description

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The Mitsubishi MMF-09D24TS-RM9 is a precision-engineered DC axial fan designed specifically for high-reliability thermal management in industrial inverter systems and variable frequency drives. Utilizing a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow efficiency while maintaining a low noise profile, critical for sensitive electronic environments. Constructed with high-grade PBT materials to ensure structural rigidity, the MMF-09D24TS-RM9 effectively dissipates heat, reducing thermal impedance within automation control panels. Its specialized motor design supports stable operation in demanding industrial environments, providing consistent cooling performance for critical power electronics.

Model Number: MMF-09D24TS-RM9

Brand: Mitsubishi Electric (Melco)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.19 A

Power Consumption: 4.56 W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 51.9 CFM (88.1 m<sup>3</sup>/h / 1.47 m<sup>3</sup>/min)  
Max. Static Pressure: 5.2 mmH<sub>2</sub>O (51.0 Pa / 0.20 inH<sub>2</sub>O)  
Dimensions: 90 x 90 x 25 mm  
Weight: 110 g  
Life Expectancy: 60,000 Hours at 40°C  
Noise Level: 36.0 dB(A)  
Termination: 3-Wire Lead (with Sensor)  
Sensor Type: RM (Lock Sensor/Tachometer)  
Housing Material: PBT Plastic (UL94V-0)  
Blade Material: PBT Plastic (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Mounting Orientation: Any  
Ingress Protection: IP20

Designed primarily for thermal regulation in Mitsubishi variable frequency drives (VFDs), the MMF-09D24TS-RM9 ensures critical component cooling in automation environments. This MMF-09D24TS-RM9 unit is frequently deployed in server racks, CNC machinery control cabinets, and power supply units where consistent airflow is mandatory to prevent thermal throttling. Its compact form factor allows for seamless integration into tight enclosures found in telecommunications equipment and industrial instrumentation, serving as a direct OEM replacement for maintenance and repair operations.

## Supplemental Images

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