

# MMF-12D24DS-RP1 Melco 24VDC 0.36A axial fan

**SKU:** MMF-12D24DS-RP1

**Price:** \$18.86

**Categories:** Fans

**Tags:** Mitsubishi

**Product Link:**

<https://www.electspares.com/product/mmf-12d24ds-rp1-melco-24vdc-0-36a-axial-fan/>

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## Product Description

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The MMF-12D24DS-RP1 is a robust 24V DC axial cooling fan, directly associated with Mitsubishi Electric (Melco) and commonly used as a replacement fan for their A740/F740 series industrial inverters. Measuring 120mm x 120mm x 38mm, this fan is designed for heavy-duty thermal management where high airflow and durability are crucial. It operates at a rated voltage of 24V DC and draws a current of 0.36A, resulting in a power consumption of 8.64W. This allows it to achieve a rotational speed of 2950 RPM, delivering a substantial airflow of 108 CFM and a static pressure of 0.27 inch-H<sub>2</sub>O (68.2 Pa). Its noise level is 42.5 dBA. The fan features two ball bearings for an operational lifespan of 50,000 hours. It comes with 3-wire leads, typically providing power, ground, and a tachometer output for speed monitoring, along with standard protections like auto-restart.

Model Number: MMF-12D24DS-RP1

Manufacturer: Mitsubishi Electric (Melco)

Type: DC Axial Cooling Fan (Replacement for A740/F740 Inverters)

Dimensions: 120mm x 120mm x 38mm

Rated Voltage: 24V DC

Operating Voltage Range: Typically 14V to 26.4V DC

Rated Current: 0.36A

Rated Power: 8.64W

Speed: 2950 RPM

Airflow: 108 CFM (3.07 m<sup>3</sup>/min)

Static Pressure: 0.27 inch-H<sub>2</sub>O (68.2 Pa)

Noise Level: 42.5 dBA

Connector: 3-Wire Leads

Bearing Type: Two Ball Bearing

Life Expectancy: 50,000 hours

Frame Material: Plastic

Impeller Material: Plastic

Features: Auto Restart, Polarity Protection, Tachometer Output

Operating Temperature: -10°C to +70°C

Weight: Approximately 250g

Approvals/Certifications: RoHS Compliant , likely others for industrial use.

## Product Images

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