

# MGA6012MR-A15 Magic 12VDC 60x60x15mm DC Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [808369918609](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$13.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

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Product Page:

<https://www.equipspares.com/product/mga6012mr-a15-magic-12vdc-60x60x15mm-dc-axial-fan>

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## Product Description

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The Magic MGA6012MR-A15 is a high-efficiency DC Axial Fan designed to deliver consistent airflow in compact electronic assemblies. Engineered with a precision DC brushless motor, this component ensures optimal thermal regulation by minimizing thermal impedance within dense enclosures. The unit features a robust thermoplastic frame that provides structural rigidity, reducing vibration and operational noise. Its aerodynamic blade geometry is calibrated to balance static pressure and airflow, making it an ideal solution for critical cooling applications requiring sustained reliability and performance stability.

Model Number: MGA6012MR-A15

Brand: Magic (Magic Precision Inc.)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.18 A

Power Input: 2.16 W

Rated Speed: 4200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 22.4 CFM (38.0 m<sup>3</sup>/h / 0.63 m<sup>3</sup>/min)

Max. Static Pressure: 3.8 mmH<sub>2</sub>O (37.2 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 32.5 dB(A)

Frame Material: PBT Thermoplastic UL94V-0

Impeller Material: PBT Thermoplastic UL94V-0

Insulation Class: Class A

Ingress Protection: IP20

Termination: 2-Wire Leads (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Drive Type: Brushless DC

Safety Approval: CE, UL, TUV

The MGA6012MR-A15 is specifically engineered for integration into power conversion systems, functioning as a primary cooling solution for industrial inverters and rectifiers. Its compact 60mm profile allows for seamless installation in server racks, network switches, and medical instrumentation where space is at a premium. The MGA6012MR-A15 ensures critical components remain within safe operating temperature ranges, preventing thermal throttling in automation equipment and telecommunications hardware.

## Supplemental Images

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