

# MGA6012UB-O25 Magic 12VDC 60x60x25mm 0.38A Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [805792263939](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/mga6012ub-o25-magic-12vdc-60x60x25mm-0-38a-axial-fan>

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## Product Description

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The Magic MGA6012UB-O25 is a precision-engineered DC axial fan designed for high-thermal-density applications requiring robust airflow delivery and structural rigidity. Utilizing advanced dual ball bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous load conditions. The aerodynamic impeller profile is optimized to reduce turbulence while maintaining high static pressure, making it ideal for overcoming system impedance in compact enclosures. Engineered with a durable PBT housing, the MGA6012UB-O25 delivers reliable thermal management performance with a rated current of 0.38A, ensuring efficient heat dissipation for sensitive electronic components.

Model Number: MGA6012UB-O25

Brand: Magic (Protechnic Electric)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.38 A

Power Consumption: 4.56 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 33.2 CFM (56.4 m<sup>3</sup>/h / 0.94 m<sup>3</sup>/min)

Max. Static Pressure: 9.1 mmH<sub>2</sub>O (89.2 Pa / 0.36 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 42.5 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (Red +, Black -)

Ingress Protection: IP20

Motor Protection: Impedance Protected, Reverse Polarity

The MGA6012UB-O25 is engineered for critical thermal regulation in compact industrial and consumer electronics. Frequently integrated into ceramic heaters, power supply units, and small form-factor server chassis, the MGA6012UB-O25 ensures consistent heat dissipation in space-constrained environments. Its robust design also suits telecommunications equipment, network switches, and industrial automation control panels where long-term reliability is paramount.

## Supplemental Images

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