

MGT6012MS-A25 Magic 12VDC 60x60x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: [806053660814](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt6012ms-a25-magic-12vdc-60x60x25mm-axial-fan>

Product Description

The Magic MGT6012MS-A25 is a DC Axial Fan engineered for precise thermal management in compact industrial enclosures and heating units. Featuring a robust Dual Ball Bearing architecture, this unit ensures reduced friction coefficients and extended operational longevity, making it superior to standard sleeve bearing alternatives in high-temperature environments. The impeller utilizes advanced aerodynamic geometry to optimize static pressure delivery while maintaining low thermal impedance and structural rigidity. This fan is designed to deliver consistent airflow with minimal acoustic signature, utilizing a DC brushless motor for energy efficiency and reliability.

Model Number: MGT6012MS-A25

Brand: Magic (Protechnic)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.13 A

Power: 1.56 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 60x60x25mm

Weight: 58 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 28.0 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: 2-Wire Leads (Red +, Black -)

Insulation Class: Class A

Safety Approval: CE, UL, TUV

This cooling solution is specifically calibrated for integration into forced-air heating systems, small appliances, and industrial electronic cabinets. The MGT6012MS-A25 provides the necessary airflow dynamics for maintaining thermal equilibrium in server racks, localized component cooling, and telecommunication power supplies. Utilizing the MGT6012MS-A25 in heater applications ensures efficient heat dissipation and prevents thermal throttling in critical hardware, offering a reliable upgrade for OEM replacements.

Supplemental Images

