

MGA8012MB-A15 Magic 12VDC 80x80x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: 805489659139

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga8012mb-a15-magic-12vdc-80x80x25mm-axial-fan>

Product Description

The Magic MGA8012MB-A15 is a high-reliability DC Axial Fan explicitly engineered for demanding thermal management within industrial chassis and cabinet environments. Integrating robust DC Brushless motor technology with a precision-machined Ball Bearing architecture, this cooling solution significantly reduces rotational friction to enhance operational longevity and energy efficiency. The aerodynamic impeller is constructed to minimize thermal impedance and turbulence, ensuring high static pressure capabilities required for dense electronic arrays. Featuring a UL94V-0 rated housing for superior structural rigidity and fire resistance, the unit maintains consistent airflow performance. This specific configuration addresses the critical need for sustained cooling in 24/7 continuous duty applications, balancing acoustic output with effective heat evacuation to prevent component degradation.

Model Number: MGA8012MB-A15

Brand: Magic (Yong Li)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.13 A

Power Input: 1.56 W

Rated Speed: 3000 RPM

Bearing Type: Ball Bearing
Max. Air Flow: 38.6 CFM (65.6 m³/h / 1.09 m³/min)
Max. Static Pressure: 3.56 mmH₂O (34.9 Pa / 0.14 inH₂O)
Dimensions: 80 x 80 x 25 mm
Noise Level: 34.0 dB-A
Ingress Protection: IP20
Insulation Class: Class A
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Direction of Rotation: Counter-Clockwise (viewed from front)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours at 40°C
Termination: 2-Wire Lead (Red +, Black -)
Weight: 86 g
Safety Certifications: CE, UL, TUV

Designed for versatility, the MGA8012MB-A15 serves as a critical cooling component in server racks, telecommunication cabinets, and industrial automation control panels. Its standard footprint allows for seamless integration into power supply units and network storage systems where reliable heat dissipation is mandatory. The MGA8012MB-A15 ensures optimal operating conditions for sensitive electronics, preventing thermal throttling in CNC machinery interface panels and medical instrumentation setups.

Supplemental Images

