

MGA8012XB-O20 Magic 12VDC 80x80x25mm Cooling Axial Fan Datasheet



Brand: Protechnic

SKU: 805462708151

Category: Axial & Centrifugal Fans

Price: **\$14.99**

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Product Page:

<https://www.equipspares.com/product/mga8012xb-o20-magic-12vdc-80x80x25mm-cooling-axial-fan>

Product Description

The Magic MGA8012XB-O20 is a high-performance DC Axial Fan engineered for rigorous thermal regulation in industrial electronics and heating systems. Featuring a durable Double Ball Bearing architecture, this unit minimizes frictional wear and extends operational lifespan while maintaining low thermal impedance under continuous load. The aerodynamic impeller design is optimized to deliver high static pressure and consistent airflow, ensuring structural rigidity and performance stability. Designed with precision motor technology, the MGA8012XB-O20 provides reliable heat dissipation for critical hardware components in harsh environments.

Model Number: MGA8012XB-O20

Brand: Magic Precision

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.36 A

Power Input: 4.32 W

Rated Speed: 3800 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 48.5 CFM (82.4 m³/h / 1.37 m³/min)

Max. Static Pressure: 5.8 mmH₂O (56.8 Pa / 0.23 inH₂O)

Dimensions: 80mm x 80mm x 25mm

Weight: 86 g

Life Expectancy: 70,000 Hours at 40°C

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Noise Level: 39.0 dB(A)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Safety Certifications: UL, CUL, TUV, CE

The MGA8012XB-O20 is specifically calibrated for integration into compact heating and ventilation systems, such as warm air blowers and industrial heaters. Its robust construction allows the MGA8012XB-O20 to operate effectively in server cabinets, telecommunication enclosures, and power supply units where consistent airflow is paramount for heat dissipation and system reliability.

Supplemental Images

