

MGA8048XB-O25 Magic 48VDC 80x80x25mm Industrial Axial Fan Datasheet



Brand: Protechnic

SKU: [734153861911](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mga8048xb-o25-magic-48vdc-80x80x25mm-industrial-axial-fan>

Product Description

The Magic MGA8048XB-O25 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology combined with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational service life under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Engineered for reliability, the MGA8048XB-O25 delivers consistent cooling performance, making it an ideal solution for maintaining component stability in demanding electronic applications.

Model Number: MGA8048XB-O25

Brand: Magic (Protechnic)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.08 A

Power Consumption: 3.84 W

Rated Speed: 3300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 40.5 CFM (68.8 m³/h / 1.15 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 86 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: CE, UL, TUV

Designed specifically for industrial automation, the MGA8048XB-O25 excels in cooling variable frequency drives (VFDs) and power inverters where consistent airflow is paramount. Its robust construction allows for integration into CNC machinery control panels, server rack enclosures, and telecommunications power supplies. The MGA8048XB-O25 ensures rapid heat dissipation in confined spaces, protecting sensitive electronic components from thermal throttling and extending the operational lifespan of mission-critical hardware in factory automation setups.

Supplemental Images

