

# MGA8012XB-A25 MAGIC 12VDC 80x80x25mm 2-Ball Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** 805149791648

**Category:** Axial & Centrifugal Fans

**Price:** **\$11.99**

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Product Page:

<https://www.equipspares.com/product/mga8012xb-a25-magic-12vdc-80x80x25mm-2-ball-axial-fan>

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## Product Description

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The MAGIC MGA8012XB-A25 is a precision-engineered DC Axial Fan designed for rigorous thermal management in compact electronic enclosures. Manufactured by Protechnic Electric, this unit utilizes a robust Two Ball Bearing architecture to ensure exceptional longevity and consistent rotational stability under continuous operation. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in high-density systems. Featuring a durable PBT housing and efficient motor commutation, the MGA8012XB-A25 delivers reliable cooling performance, making it an ideal solution for industrial applications requiring sustained heat dissipation and mechanical durability against environmental stressors.

Model Number: MGA8012XB-A25

Brand: MAGIC (Protechnic)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.39 A

Power: 4.68 W

Rated Speed: 4200 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 53.0 CFM (90.0 m<sup>3</sup>/h / 1.50 m<sup>3</sup>/min)

Max. Static Pressure: 6.8 mmH<sub>2</sub>O (66.6 Pa / 0.27 inH<sub>2</sub>O)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 42.0 dB(A)

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Termination: 2-Wire Lead (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Safety Approvals: UL, CUL, TUV, CE

The MGA8012XB-A25 is engineered for critical cooling tasks in diverse industrial and commercial environments. Its robust design makes it suitable for mosquito killer lamps, ensuring the light source and electrical components remain within safe thermal limits to prevent overheating. Furthermore, the MGA8012XB-A25 is frequently deployed in server rack ventilation, power supply units, and telecommunications equipment where space is limited but airflow demand is high. The fan's reliability ensures minimal downtime in automated machinery and medical instrumentation, providing consistent thermal regulation for sensitive electronics.

## Supplemental Images

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