

# MGA8012KB-O25 Protechnic 12VDC 80x80x25mm Silent Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** 916650740865

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/mga8012kb-o25-protechnic-12vdc-80x80x25mm-silent-axial-fan>

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## Product Description

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The Protechnic MGA8012KB-O25 is a precision-engineered DC Axial Fan designed for applications requiring acoustic discretion without compromising thermal efficiency. Utilizing advanced DC brushless motor technology, this unit minimizes electromagnetic interference while maintaining consistent rotational stability. The architecture features a robust Two Ball Bearing system, significantly enhancing structural rigidity and extending operational lifespan under continuous duty cycles. Its aerodynamic impeller design is optimized to reduce turbulence and lower thermal impedance within compact enclosures. Engineered with high-grade thermoplastic components, the MGA8012KB-O25 ensures reliable heat dissipation, making it an ideal solution for sensitive electronic environments where vibration control and longevity are paramount critical performance metrics.

Model Number: MGA8012KB-O25

Brand: Protechnic Electric

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.088 A

Input Power: 1.06 W

Rated Speed: 2300 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 28.5 CFM (48.4 m<sup>3</sup>/h / 0.81 m<sup>3</sup>/min)  
Max. Static Pressure: 2.3 mmH<sub>2</sub>O (22.5 Pa / 0.09 inH<sub>2</sub>O)  
Dimensions: 80 x 80 x 25 mm  
Noise Level: 24.5 dB(A)  
Frame Material: PBT Thermoplastic (UL94V-0)  
Impeller Material: PBT Thermoplastic (UL94V-0)  
Life Expectancy: 70,000 Hours at 40°C  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Termination: 2-Wire Lead  
Weight: 86 g  
Ingress Protection: IP20  
Safety Certifications: CE, UL, TUV

This cooling solution is specifically calibrated for noise-sensitive industrial and commercial environments. The MGA8012KB-O25 is frequently integrated into medical instrumentation, home theater PC (HTPC) setups, and network switchgear where acoustic dampening is essential. Additionally, the MGA8012KB-O25 serves as a critical component in compact power supply units and telecommunications racks, ensuring sustained airflow to prevent thermal throttling in continuous-operation hardware.

## Supplemental Images

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