

MGT8012HR-A25 Protechnic 12VDC 80x80x25mm Axial Fan Datasheet



Brand: Protechnic

SKU: 805877508111

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mgt8012hr-a25-protechnic-12vdc-80x80x25mm-axial-fan>

Product Description

The Protechnic MGT8012HR-A25 is a precision-engineered axial cooling fan designed for thermal management in compact electronic enclosures. Utilizing advanced DC motor technology and a robust double ball bearing architecture, this unit ensures sustained operational stability and reduced frictional wear over extended lifecycles. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity under thermal stress. With a rated voltage of 12VDC and a current draw of 0.24A, it delivers a balanced performance profile, effectively lowering thermal impedance in high-density component configurations. The device is constructed to meet rigorous industrial standards, evidenced by its TUV certification, making it suitable for continuous duty applications.

Model Number: MGT8012HR-A25

Brand: Protechnic (Magic)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.24 A

Power: 2.88 W

Rated Speed: 3200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 41.0 CFM (69.6 m³/h / 1.16 m³/min)
Max. Static Pressure: 3.6 mmH₂O (35.3 Pa / 0.14 inH₂O)
Dimensions: 80x80x25mm
Weight: 86 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 34.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Certifications: TUV, CE, UL

The MGT8012HR-A25 is engineered for critical cooling applications within industrial automation and telecommunications infrastructure. It is frequently deployed in server rack enclosures, power supply units, and network switch cabinets where reliable heat dissipation is paramount. Additionally, the MGT8012HR-A25 serves as an effective thermal solution for CNC control panels and medical instrumentation, ensuring component longevity by maintaining optimal operating temperatures in confined spaces.

Supplemental Images

