

MGT8012MB-A20 Magic 12V 0.21A Industrial Cooling Fan Datasheet



Brand: Protechnic

SKU: [805489903032](#)

Category: Axial & Centrifugal Fans

Price: **\$28.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mgt8012mb-a20-magic-12v-0-21a-industrial-cooling-fan>

Product Description

The Magic (Protechnic Electric) MGT8012MB-A20 is a high-performance DC axial fan designed for robust thermal management in industrial environments. Engineered with precision ball bearings and a durable thermoplastic frame, this unit delivers consistent airflow to maintain optimal operating temperatures for sensitive electronics within chassis and cabinets.

Manufacturer: Magic (Protechnic Electric)

Model Number: MGT8012MB-A20

Product Type: DC Axial Fan

Rated Voltage: 12V DC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.21A

Power Consumption: 2.52 W

Dimensions: 80 x 80 x 25 mm

Bearing System: Dual Ball Bearing

Rated Speed: 3000 RPM

Max. Air Flow: 41.0 CFM (69.66 m³/h / 1.16 m³/min)

Max. Static Pressure: 3.80 mmH₂O (37.26 Pa / 0.15 inH₂O)

Noise Level: 34.0 dB-A

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 3-Wire Leads

Operating Temperature: -10 - 70°C

Life Expectancy: 70,000 Hours at 40°C

Weight: 86 g

The MGT8012MB-A20 is specifically engineered for critical thermal regulation within server racks, industrial automation cabinets, and telecommunication enclosures where consistent airflow is mandatory. This 80mm cooling solution effectively dissipates heat from power supply units and drive arrays, ensuring component longevity in continuous operation environments.

Supplemental Images

