

MGT4012HB-O10 MAGIC 12V 0.11A Dual Ball Bearing Cooling Fan Datasheet



Brand: Protechnic

SKU: [808613064031](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/mgt4012hb-o10-magic-12v-0-11a-dual-ball-bearing-cooling-fan>

Product Description

The MAGIC MGT4012HB-O10 is a high-quality 40mm axial cooling fan designed for industrial and consumer electronics. Built with a durable dual ball bearing system, this unit offers enhanced longevity and stability compared to sleeve bearing alternatives. It operates efficiently at 12VDC, delivering consistent airflow to manage thermal loads in compact spaces.

Brand: MAGIC (Protechnic Electric)

Model Number: MGT4012HB-O10

Product Type: DC Axial Fan

Dimensions: 40 x 40 x 10 mm

Rated Voltage: 12V

Voltage Range: 7.0 - 13.8 VDC

Current: 0.11A

Power Consumption: 1.32 W

Bearing Type: Dual Ball Bearing

Nominal Speed: 6000 RPM

Max. Air Flow: 6.8 CFM (11.55 m³/h / 0.19 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)

Noise Level: 26.0 dBA

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire Lead

This fan is specifically engineered for applications requiring a balance of size and airflow performance. It is widely utilized as a direct replacement component for small appliances, including aroma diffusers and humidifiers, where maintaining optimal operating temperatures is essential for device longevity. The MAGIC MGT4012HB-O10 fits perfectly into 4010 form factor slots, ensuring seamless integration into DVR systems, small power supplies, and proprietary industrial control units requiring continuous heat dissipation.

Supplemental Images

