

# MGA8012ZR-O15 MAGIC 12VDC 80x80x15mm 0.35A Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [805463228124](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/mga8012zr-o15-magic-12vdc-80x80x15mm-0-35a-axial-fan>

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## Product Description

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The MAGIC MGA8012ZR-O15 is a DC Axial Fan engineered for efficient thermal exchange in compact electronic assemblies and specialized industrial equipment. Utilizing advanced motor driver topology, this unit delivers consistent airflow while maintaining structural rigidity through its reinforced thermoplastic frame. The aerodynamic impeller design minimizes turbulence-induced noise, ensuring optimal performance in heat dissipation applications requiring reliable static pressure and reduced thermal impedance. Its robust bearing architecture supports continuous operation, making it a critical component for thermal management stability.

Model Number: MGA8012ZR-O15

Brand: MAGIC (Protechnic Electric)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.35 A

Power: 4.20 W

Rated Speed: 4000 RPM

Bearing Type: Rifle / Hydraulic Bearing

Max. Air Flow: 42.0 CFM (71.4 m<sup>3</sup>/h / 1.19 m<sup>3</sup>/min)

Max. Static Pressure: 3.5 mmH<sub>2</sub>O (34.3 Pa / 0.14 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 15 mm

Noise Level: 38.0 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (Red/Black)

Dielectric Strength: 500VAC / 1 Minute

Life Expectancy: 40,000 Hours

Designed for constrained environments, the MGA8012ZR-O15 is frequently utilized in pest control devices, specifically mosquito killer lamps, where consistent suction and cooling are required. Additionally, the MGA8012ZR-O15 serves as a reliable thermal solution for compact power supplies, LED driver cooling, and small form-factor chassis ventilation, ensuring component longevity in enclosed spaces.

## Supplemental Images

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