

# MGA8012YS-O25 Protechnic 12V 0.42A High Speed Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [805149807569](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

---

Product Page:

<https://www.equipspares.com/product/mga8012ys-o25-protechnic-12v-0-42a-high-speed-axial-fan>

---

## Product Description

---

The Protechnic MGA8012YS-O25 is a robust 80mm DC axial fan designed for applications requiring significant airflow and thermal dissipation. Manufactured by Protechnic Electric (Magic), this model features a high-speed configuration powered by a 12VDC motor with a current draw of 0.42A. It is engineered to deliver efficient cooling in compact spaces, making it an excellent choice for specialized appliances and industrial equipment where reliability and performance are paramount.

Manufacturer: Protechnic Electric (Magic)

Model Number: MGA8012YS-O25

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.42A

Input Power: 5.04W

Rated Speed: 3800 RPM

Max. Air Flow: 46.50 CFM (79.00 m<sup>3</sup>/h / 1.32 m<sup>3</sup>/min)

Max. Static Pressure: 5.85 mmH<sub>2</sub>O (57.37 Pa / 0.23 inH<sub>2</sub>O)

Bearing Type: Sleeve Bearing

Dimensions: 80 x 80 x 25 mm

Noise Level: 39.5 dB(A)

Frame Material: Glass Fiber Reinforced PBT (UL94V-0)

Impeller Material: Glass Fiber Reinforced PBT (UL94V-0)

Termination: 2-Wire Lead

Weight: 85g

Operating Temperature: -10°C to +70°C

This high-performance cooling unit is specifically optimized for thermal management in commercial and consumer appliances. The MGA8012YS-O25 is frequently deployed in high-output aroma diffusers and humidifiers, where its strong static pressure ensures effective mist dispersion and internal component cooling. Additionally, its durable construction and significant airflow capabilities make it suitable for power supply ventilation, server rack spot cooling, and industrial automation cabinets that demand a reliable 12V cooling solution in a standard 80mm form factor.

## Supplemental Images

---

