

MGA9212XR-A25 Magic 12VDC 92x92x25mm Hydraulic Axial Fan Datasheet



Brand: Protechnic

SKU: 763300364709

Category: Axial & Centrifugal Fans

Price: \$0.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga9212xr-a25-magic-12vdc-92x92x25mm-hydraulic-axial-fan>

Product Description

The Magic MGA9212XR-A25 is a precision-engineered Axial Fan designed for high-efficiency thermal management in industrial and electronic environments. Utilizing advanced DC Brushless motor technology combined with a low-friction Hydraulic Bearing system, this unit ensures optimal rotational stability and reduced mechanical wear over extended operational periods. The aerodynamic impeller design maximizes air throughput while maintaining structural rigidity under load, effectively overcoming system resistance. Engineered for reliability, it minimizes thermal impedance in enclosed chassis environments, delivering consistent performance for critical cooling applications.

Model Number: MGA9212XR-A25

Brand: Magic (Protechnic Electric)

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.32 A

Power Consumption: 3.84 W

Rated Speed: 2800 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 52.6 CFM (89.4 m³/h / 1.49 m³/min)

Max. Static Pressure: 3.80 mmH₂O (37.27 Pa / 0.15 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 40,000 Hours

Termination: 2-Wire Lead

Wire Length: 420 mm

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10 to +70°C

Storage Temperature: -40 to +70°C

Noise Level: 34.0 dBA

The MGA9212XR-A25 is specifically engineered for demanding thermal regulation tasks within compact electronic enclosures, such as server racks, industrial power supplies, and telecommunication cabinets. Its hydraulic bearing architecture makes the MGA9212XR-A25 an ideal solution for workstation case cooling and medical instrumentation where sustained airflow and acoustic balance are required for long-term operation.

Supplemental Images

