

MGA8024XB-O20 MAGIC 24V 0.21A High Speed Inverter Cooling Fan Datasheet



Brand: Protechnic

SKU: 805140387395

Category: Axial & Centrifugal Fans

Price: \$11.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga8024xb-o20-magic-24v-0-21a-high-speed-inverter-cooling-fan>

Product Description

The MAGIC MGA8024XB-O20 is a high-performance industrial axial fan designed to meet the rigorous thermal demands of power electronics and frequency inverters. Engineered by MAGIC PRECISION, this 80mm unit combines a robust thermoplastic housing with a precision dual ball bearing system, ensuring consistent operation and longevity even under continuous high-speed rotation. Its optimized blade design maximizes airflow efficiency while maintaining moderate static pressure, making it an ideal solution for restricted enclosure ventilation and active heat dissipation in critical electrical components.

Brand: MAGIC (MAGIC PRECISION INC.)

Model Number: MGA8024XB-O20

Product Type: DC Axial Cooling Fan

Rated Voltage: 24V

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.21A

Power Consumption: 5.04 W

Nominal Speed: 3800 RPM

Max. Air Flow: 43.00 CFM (73.06 m³/h / 1.22 m³/min)

Max. Static Pressure: 6.35 mmH₂O (62.27 Pa / 0.25 inH₂O)

Bearing System: Dual Ball Bearing

Frame Dimensions: 80 x 80 x 25 mm

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: Lead Wire

Noise Level: 36.5 dB(A)

Operating Temperature: -10°C to +70°C

Weight: 86 g

This high-efficiency cooling unit is specifically calibrated for industrial thermal management tasks where reliability is paramount. The MGA8024XB-O20 is frequently deployed in variable frequency drives (VFDs), solar inverters, and industrial automation control cabinets to prevent thermal throttling and component failure. Its compact 80mm form factor allows for seamless integration into server racks, power supply units, and telecommunications equipment, providing sustained airflow to dissipate heat generated by power transistors and transformers.

Supplemental Images

