MGT4012VB-W15 Magic 12VDC 40x40x15mm Axial Fan Datasheet

Brand: Protechnic

SKU: 808261155904

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mgt4012vb-w15-magic-12vdc-40x40x15mm-axial-fan

Product Description

The Magic MGT4012VB-W15 is a compact, high-performance DC Axial Fan engineered for critical thermal regulation in space-constrained electronic assemblies. Featuring a robust motor design and aerodynamically optimized impeller blades, this unit delivers exceptional static pressure relative to its footprint, effectively overcoming high thermal impedance in dense enclosures. Built with structural rigidity and advanced bearing architecture, it ensures consistent operation and longevity, making it an ideal solution for continuous-duty industrial and appliance cooling requirements.

Model Number: MGT4012VB-W15
Brand: Magic (Yongli)
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.40 A
Power: 4.80 W
Rated Speed: 8500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 14.2 CFM (24.1 m^3/h / 0.40 m^3/min)
Max. Static Pressure: 0.36 inH_2O (9.14 mmH_2O / 89.6 Pa)
Dimensions: 40 x 40 x 15 mm

Weight: 26 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 38.0 dBA
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Insulation Class: Class A
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires (Red+, Black-)
Mounting Orientation: Any
Ingress Protection: IP40

The MGT4012VB-W15 is specifically designed for applications demanding high airflow in restricted spaces, such as portable humidifiers, aromatherapy diffusers, and compact projection equipment. Its high-torque motor allows the MGT4012VB-W15 to maintain effective cooling performance in small-form-factor power supplies and industrial automation control panels, ensuring sensitive components remain within safe operating temperature ranges.

Supplemental Images