

# MGT17548LB-W69 Magic 48VDC 175x69mm Centrifugal Fan Datasheet



**Brand:** Protechnic

**SKU:** [918320772417](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$44.99**

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Product Page:

<https://www.equipspares.com/product/mgt17548lb-w69-magic-48vdc-175x69mm-centrifugal-fan>

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## Product Description

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The Magic MGT17548LB-W69 is a high-efficiency centrifugal fan engineered for demanding thermal management in industrial inverters and server environments. Utilizing a robust 48VDC motor architecture, this unit delivers substantial static pressure required to overcome high system impedance common in densely packed electronic enclosures. The design incorporates precision ball bearings to ensure rotational stability and extended operational lifespan under continuous load. Its aerodynamic impeller geometry optimizes airflow while maintaining structural rigidity, making it an ideal solution for critical cooling applications requiring reliable heat dissipation and consistent performance.

Model Number: MGT17548LB-W69

Brand: Magic (Magic Precision Inc.)

Product Type: Centrifugal Fan / Motorized Impeller

Rated Voltage: 48VDC

Voltage Range: 36.0 - 57.0 VDC

Rated Current: 1.00 A

Power Input: 48.0 W

Rated Speed: 3200 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 235.0 CFM (399.2 m<sup>3</sup>/h)

Max. Static Pressure: 1.85 inH<sub>2</sub>O (460 Pa)

Dimensions: 175mm x 69mm

Impeller Diameter: 175mm

Frame Thickness: 69mm

Housing Material: Die-Cast Aluminum / PBT

Impeller Material: Reinforced Plastic UL94V-0

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Safety Certifications: UL, CUL, TUV, CE

Designed for high-density electronics, the MGT17548LB-W69 is frequently utilized in variable frequency drive (VFD) inverters and enterprise-grade server chassis where back-pressure is significant. The MGT17548LB-W69 ensures critical components remain within safe thermal limits during continuous operation in telecommunications cabinets, CNC machinery, and industrial automation control panels.

## Supplemental Images

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