

# MGT8012UB-R25G Protechnic 12VDC 0.82A 80x80x25mm IP68 Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** [1041945531519](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$25.14**

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Product Page:

<https://www.equipspares.com/product/mgt8012ub-r25g-protechnic-12vdc-0-82a-80x80x25mm-ip68-axial-fan>

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## Product Description

Protechnic MGT8012UB-R25G 80 x 80 x 25 mm 12 VDC 0.82 A 68.88 CFM axial fan. The unit features a dual ball bearing system and a PBT thermoplastic flange mount housing and impeller rated to UL 94V-0 flammability standards. It incorporates an IP68-rated encapsulation for complete protection against dust ingress and long-term immersion in water. The internal motor utilizes a brushless design with integrated auto-restart, locked rotor protection, and reverse connection protection mechanisms with a 3-wire lead wire interface.

### MGT8012UB-R25G Specifications

Model: MGT8012UB-R25G

Brand: Protechnic Electric

Category: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 4.0 to 13.8 VDC

Rated Current: 0.82 A

Input Power: 9.84 W

Rated Speed: 4800 RPM

Maximum Airflow: 68.88 CFM

Static Pressure: 0.361 in H<sub>2</sub>O

Noise Level: 45.2 dBA

Bearing Type: Dual Ball Bearing

Ingress Protection: IP68

Material: PBT Plastic (UL 94V-0)

Termination: 3-wire lead wires

Operating Temperature: -10 to +70 °C

Life Expectancy: 50,000 hours at 70 °C

Weight: 90 g

Safety Certifications: UL, TUV, CE

#### MGT8012UB-R25G Applications

Primary applications include integration into high-density server rack enclosures, industrial workstation chassis, and telecommunications base station cooling modules. Deployed within CNC control cabinets and outdoor power inverter thermal management systems requiring IP68 environmental resistance.

## Supplemental Images

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