

MGT8012UB-R25-IP68 Protechnic 12VDC 80mm IP68 Axial Fan Datasheet



Brand: Protechnic

SKU: [925632636321](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt8012ub-r25-ip68-protechnic-12vdc-80mm-ip68-axial-fan>

Product Description

The Protechnic MGT8012UB-R25-IP68 is a high-performance Axial Fan engineered for critical industrial thermal management applications. Featuring a robust DC motor and precision bearing architecture, this unit is designed to deliver consistent airflow while maintaining structural rigidity under thermal stress. The aerodynamic impeller geometry is optimized to reduce turbulence and improve thermal impedance, ensuring efficient heat dissipation in densely packed electronic enclosures. With its rugged construction and specialized ingress protection, this cooling solution offers superior reliability and longevity in harsh operating environments.

Model Number: MGT8012UB-R25-IP68

Brand: Protechnic

Product Type: Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.66 A

Power: 7.92 W

Dimensions: 80 mm x 80 mm x 25 mm

Ingress Protection: IP68

Bearing Type: Ball Bearing

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Mounting Style: Ribbed

Application: Inverter, Server, Industrial Cabinet

The MGT8012UB-R25-IP68 is specifically tailored for deployment in demanding industrial sectors such as power electronics and automation control systems. Frequently utilized within frequency inverters and heavy-duty server chassis, the MGT8012UB-R25-IP68 provides the necessary static pressure to force air through restrictive heat sinks and filters. Its waterproof design makes it an ideal choice for outdoor telecom cabinets, CNC machinery, and medical instrumentation where moisture and dust resistance are paramount for system uptime.

Supplemental Images

