

# MGT7012UR-W15 Protechnic 12VDC 70x70x15mm Hydraulic Axial Fan Datasheet



**Brand:** Protechnic

**SKU:** 805814001670

**Category:** Axial & Centrifugal Fans

**Price:** \$14.99

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Product Page:

<https://www.equipspares.com/product/mgt7012ur-w15-protechnic-12vdc-70x70x15mm-hydraulic-axial-fan>

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## Product Description

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The Protechnic MGT7012UR-W15 is a precision-engineered DC Axial Fan designed to deliver superior thermal management in high-density electronic environments. Utilizing advanced brushless motor technology and a robust hydraulic bearing architecture, this unit minimizes frictional resistance while ensuring consistent rotational stability under load. The aerodynamic impeller design is optimized to reduce thermal impedance, providing a high-volume airflow stream essential for maintaining the operational integrity of critical components. With its compact structural rigidity, it offers a reliable cooling solution tailored for continuous duty in demanding industrial applications.

Model Number: MGT7012UR-W15

Brand: Protechnic (Magic)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.58 A

Input Power: 6.96 W

Dimensions: 70 x 70 x 15 mm

Bearing Type: Hydraulic Bearing

Termination: 5-Pin Interface

Frame Material: Industrial Thermoplastic

Blade Material: Industrial Thermoplastic

Mounting Style: Flange Mount

Cooling Type: Active Airflow

The MGT7012UR-W15 is specifically configured for integration into precision laser equipment, where maintaining stable operating temperatures is crucial for beam accuracy and diode longevity. Its slim profile allows for seamless installation in restricted chassis spaces found in optical devices and compact projection systems. Beyond optical applications, the MGT7012UR-W15 is also effectively utilized in small-form-factor server racks and specialized industrial automation units that require a high power-to-size cooling ratio.

## Supplemental Images

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