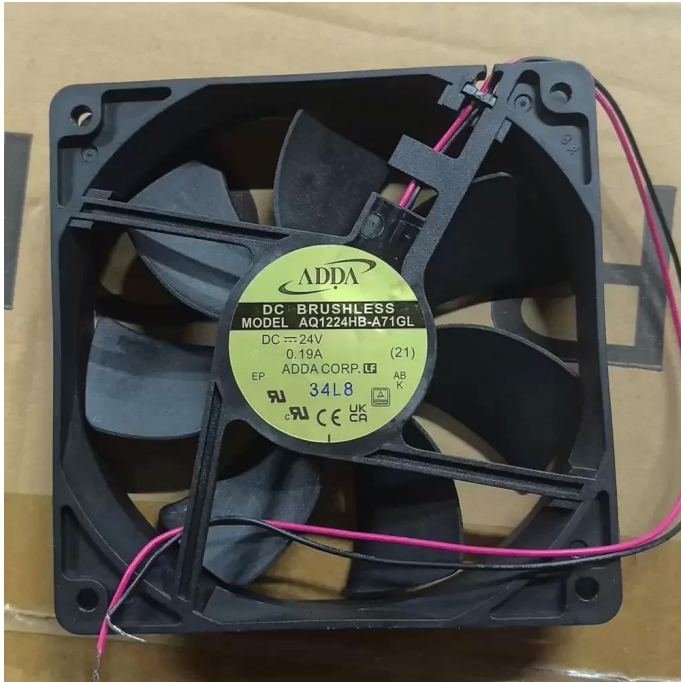


# AQ1224HB-A71GL ADDA 24VDC 120x120x25mm Waterproof Axial Fan Datasheet



**Brand:** ADDA

**SKU:** [898363582211](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/aq1224hb-a71gl-adda-24vdc-120x120x25mm-waterproof-axial-fan>

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## Product Description

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The ADDA AQ1224HB-A71GL is a specialized DC Axial Fan engineered for demanding industrial thermal management applications where environmental resilience is critical. Utilizing advanced DC brushless motor technology and a high-precision Two Ball Bearing architecture, this unit ensures minimal friction coefficients and extended operational longevity under continuous load conditions. The aerodynamic impeller design is rigorously optimized to reduce air turbulence while maximizing static pressure and airflow throughput, effectively lowering thermal impedance in enclosed electronics. Its robust frame construction provides exceptional structural rigidity, while the AQ series designation indicates enhanced ingress protection, making it an ideal solution for harsh environments requiring reliable, high-density cooling.

Model Number: AQ1224HB-A71GL

Brand: ADDA Corporation

Product Type: DC Brushless Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.19 A

Input Power: 4.56 W

Rated Speed: 2500 RPM  $\pm$ 10%

Bearing Type: Two Ball Bearing

Max. Air Flow: 87.4 CFM (148.5 m<sup>3</sup>/h / 2.47 m<sup>3</sup>/min)

Max. Static Pressure: 3.85 mmH<sub>2</sub>O (37.7 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 25 mm

Weight: 156 g

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP55 (Waterproof/Dustproof)

Noise Level: 37.8 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Certifications: CE, UL, TUV, RoHS

Designed primarily for critical cooling in variable frequency drives and power inverters, the AQ1224HB-A71GL maintains optimal operating temperatures for sensitive power electronics. This ruggedized fan is also frequently deployed in CNC machinery control cabinets, telecommunications server racks, and medical instrumentation where consistent airflow is non-negotiable. The AQ1224HB-A71GL excels in environments where moisture or dust resistance is required, ensuring system stability and significantly reducing maintenance downtime in complex industrial automation setups.

## Supplemental Images

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