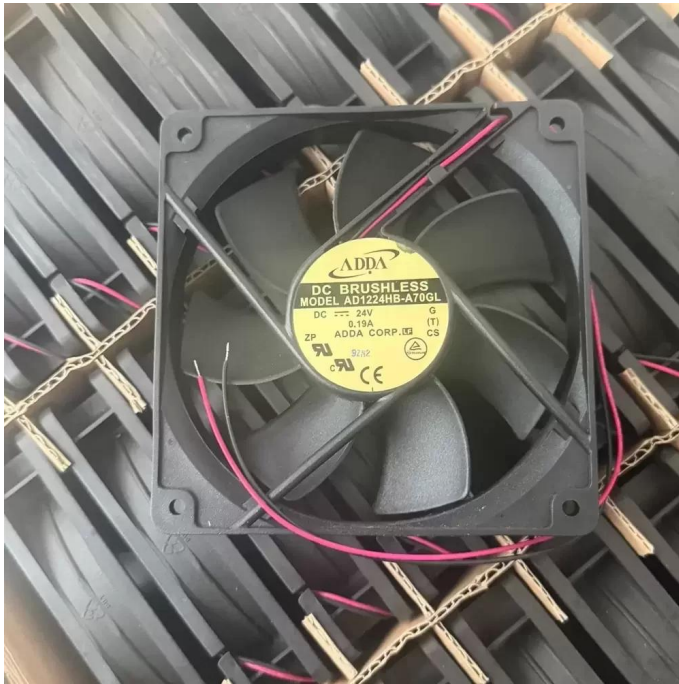


# AD1224HB-A70GL ADDA 24VDC 120x120x25mm DC Axial Fan Datasheet



**Brand:** ADDA

**SKU:** [995546909870](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$7.99**

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

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Product Page:

<https://www.equipspares.com/product/ad1224hb-a70gl-adda-24vdc-120x120x25mm-dc-axial-fan>

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## Product Description

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The ADDA AD1224HB-A70GL is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce turbulence-induced noise while maintaining high static pressure capabilities. Constructed with high-grade PBT materials, the frame offers superior structural rigidity and thermal resistance, making it an ideal solution for systems requiring low thermal impedance and reliable heat dissipation.

Model Number: AD1224HB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.19 A

Input Power: 4.56 W

Rated Speed: 2200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 87.4 CFM (148.4 m<sup>3</sup>/h / 2.47 m<sup>3</sup>/min)

Max. Static Pressure: 3.9 mmH<sub>2</sub>O (38.2 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 120x120x25mm

Weight: 156 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 39.1 dB(A)

Frame Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Ingress Protection: IP20

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

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

Wire Length: 300mm

Safety Certifications: UL, CUL, TUV, CE

Motor Protection: Impedance Protected, Reverse Polarity Protection

Direction of Rotation: Counter-clockwise (viewed from front)

Airflow Direction: Struts to Label (Exhaust)

The AD1224HB-A70GL is extensively utilized in high-density server racks, telecommunications enclosures, and industrial automation control panels where consistent airflow is paramount. Its robust design makes it suitable for cooling power supplies and medical instrumentation requiring stable thermal envelopes. Integrators frequently select the AD1224HB-A70GL for CNC machinery and network switchgear to prevent thermal throttling and ensure component longevity in 24/7 operational cycles.

## Supplemental Images

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