

# AD0612HB-A70GL ADDA 12VDC 60x60x25mm 2-Wire Axial Fan Datasheet



**Brand:** ADDA

**SKU:** 754005164052

**Category:** Axial & Centrifugal Fans

**Price:** \$4.99

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Product Page:

<https://www.equipspares.com/product/ad0612hb-a70gl-adda-12vdc-60x60x25mm-2-wire-axial-fan>

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## Product Description

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The ADDA AD0612HB-A70GL is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring sustained airflow and reliability. Utilizing advanced DC brushless motor technology paired with a robust ball bearing architecture, this unit minimizes frictional losses while maintaining optimal rotational stability under continuous load. The aerodynamic impeller geometry is optimized to reduce turbulence and lower thermal impedance within dense enclosures. Constructed with high-grade PBT materials, the frame ensures structural rigidity and resistance to environmental stress, making it an ideal solution for industrial cooling requirements where performance consistency is paramount.

Model Number: AD0612HB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.23 A

Input Power: 2.76 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.2 CFM (39.4 m<sup>3</sup>/h / 0.66 m<sup>3</sup>/min)

Max. Static Pressure: 5.6 mmH<sub>2</sub>O (54.9 Pa / 0.22 inH<sub>2</sub>O)

Dimensions: 60x60x25 mm

Weight: 58 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.5 dB-A

Frame Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

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

Wire Gauge: 24 AWG

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Motor Protection: Impedance Protected, Reverse Polarity Protection

Certifications: UL, cUL, TUV, CE, RoHS

This cooling solution is engineered for integration into diverse industrial and commercial environments, including server rack ventilation, telecommunications equipment, and compact power supply units. The AD0612HB-A70GL excels in maintaining thermal equilibrium in network switches and automation control panels where space is constrained but heat dissipation is critical. Additionally, the AD0612HB-A70GL is frequently utilized in medical instrumentation and CNC machinery electronics, ensuring sensitive components operate within safe temperature ranges to prevent thermal throttling or hardware failure.

## Supplemental Images

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