

# AB0612LB-A03 ADDA 12VDC 60mm DC Centrifugal Blower Fan Datasheet



**Brand:** ADDA

**SKU:** 992486054629

**Category:** Axial & Centrifugal Fans

**Price:** \$9.99

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Product Page:

<https://www.equipspares.com/product/ab0612lb-a03-adda-12vdc-60mm-dc-centrifugal-blower-fan>

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## Product Description

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The ADDA AB0612LB-A03 is a precision-engineered DC Centrifugal Blower designed for applications requiring concentrated airflow and high static pressure within a compact form factor. Utilizing advanced DC brushless motor technology, this unit ensures optimal energy efficiency while maintaining a low thermal impedance profile. The internal architecture features a robust bearing system that enhances rotational stability and minimizes frictional wear, contributing to a prolonged operational lifespan under continuous load. Constructed with high-grade thermoplastic materials, the housing offers superior structural rigidity and resistance to environmental stress. Its aerodynamic impeller design is calibrated to reduce turbulence, thereby optimizing the air-to-noise ratio and ensuring effective heat dissipation in space-constrained electronic assemblies.

Model Number: AB0612LB-A03

Brand: ADDA

Product Type: DC Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.20 A

Input Power: 2.40 W

Rated Speed: 3800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 6.50 CFM (11.04 m<sup>3</sup>/h / 0.18 m<sup>3</sup>/min)

Max. Static Pressure: 7.50 mmH<sub>2</sub>O (73.55 Pa / 0.29 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 25 mm

Noise Level: 29.0 dB(A)

Weight: 55 g

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: Lead Wires (2-Wire)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP44

Safety Certifications: UL, CUL, TUV, CE

The AB0612LB-A03 is frequently integrated into compact electronic enclosures where directed airflow is critical for thermal management. Common deployment scenarios include cooling projector lamps, server rack hotspots, and specialized medical instrumentation requiring reliable back-pressure performance. Additionally, the AB0612LB-A03 serves as an essential component in network switches and industrial automation control panels, ensuring continuous operation by effectively channeling heat away from sensitive semiconductors and power modules.

## Supplemental Images

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