

# AD0612LB-D90 ADDA 12VDC 60x60x15mm Axial Cooling Fan Datasheet



**Brand:** ADDA

**SKU:** [986596262923](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$9.99**

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Product Page:

<https://www.equipspares.com/product/ad0612lb-d90-adda-12vdc-60x60x15mm-axial-cooling-fan>

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## Product Description

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The ADDA AD0612LB-D90 is a precision-engineered DC Axial Fan designed for applications requiring reliable thermal management within a compact footprint. Utilizing advanced brushless DC motor technology, this unit minimizes electromagnetic interference while optimizing torque delivery. The chassis features a 60x60x15mm form factor constructed with high-grade thermoplastics to ensure structural rigidity and vibration damping. Equipped with a durable double ball bearing system, the AD0612LB-D90 offers reduced friction coefficients and extended operational longevity compared to sleeve bearing alternatives. Its aerodynamic impeller design facilitates efficient airflow to lower thermal impedance in sensitive electronic enclosures, making it a robust solution for continuous industrial operations.

Model Number: AD0612LB-D90

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.14 A

Power Input: 1.68 W

Rated Speed: 3800 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 15.2 CFM (25.8 m<sup>3</sup>/h / 0.43 m<sup>3</sup>/min)

Max. Static Pressure: 2.92 mmH<sub>2</sub>O (28.6 Pa / 0.11 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 15 mm

Weight: 42 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 29.0 dB(A)

Frame Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (UL1007 AWG26)

Ingress Protection: IP20

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Safety Certifications: UL, CUL, TUV, CE

Motor Protection: Impedance Protected, Reverse Polarity Protection

The AD0612LB-D90 is frequently integrated into compact server racks and telecommunications equipment where space is at a premium but airflow cannot be compromised. Industrial automation systems, such as CNC control panels, utilize the AD0612LB-D90 to maintain optimal operating temperatures for sensitive logic boards. Additionally, this model is suitable for medical instrumentation and power supply units requiring consistent heat dissipation. The reliability of the AD0612LB-D90 ensures critical components remain within safe thermal limits during prolonged duty cycles.

## Supplemental Images

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