

# AD0848VB-A71GP ADDA 48VDC 80x80x25mm 0.18A Axial Fan Datasheet



**Brand:** ADDA

**SKU:** [861546302768](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/ad0848vb-a71gp-adda-48vdc-80x80x25mm-0-18a-axial-fan>

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## Product Description

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The ADDA AD0848VB-A71GP is a specialized DC Axial Fan engineered for critical industrial thermal management. Utilizing advanced Brushless DC (BLDC) motor technology coupled with a precision double ball bearing architecture, this unit ensures minimal frictional resistance and enhanced rotational stability. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density electronic enclosures. Constructed with a focus on structural rigidity, the thermoplastic frame maintains dimensional integrity under continuous operation, making it suitable for demanding ventilation requirements.

Model Number: AD0848VB-A71GP

Brand: ADDA Corporation

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 38.0 - 56.0 VDC

Rated Current: 0.18 A

Input Power: 8.64 W

Rated Speed: 3900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 51.50 CFM (87.50 m<sup>3</sup>/h / 1.46 m<sup>3</sup>/min)

Max. Static Pressure: 7.62 mmH<sub>2</sub>O (74.72 Pa / 0.30 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 25 mm

Weight: 86 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 43.0 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2 Lead Wires (Red/Black)

Wire Gauge: 24 AWG

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Direction of Rotation: Counter-clockwise

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Safety Certifications: UL, CUL, TUV, CE, RoHS

This AD0848VB-A71GP component is specifically designed for integration into telecom infrastructure and network switching equipment where reliable forced air cooling is mandatory. The AD0848VB-A71GP facilitates efficient heat dissipation in industrial automation control cabinets and server rack assemblies, preventing thermal throttling in sensitive electronics. Its robust design also serves well in power supply units, CNC machinery, and medical instrumentation requiring continuous duty cycles with high reliability.

## Supplemental Images

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