

AD7524UB ADDA 24VDC 75x75x30mm Centrifugal Blower Datasheet



Brand: ADDA

SKU: 1013691770192

Category: Axial & Centrifugal Fans

Price: \$13.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad7524ub-adda-24vdc-75x75x30mm-centrifugal-blower>

Product Description

The ADDA AD7524UB is a DC Centrifugal Blower engineered for applications requiring concentrated airflow and high static pressure in restricted spaces. Utilizing a precision-wound brushless DC motor and a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic volute design optimizes air compression, significantly reducing thermal impedance within dense electronic enclosures. Constructed with UL94V-0 rated PBT thermoplastic, the housing offers superior structural rigidity and resistance to environmental stress, making it suitable for demanding industrial environments.

Model Number: AD7524UB

Brand: ADDA

Product Type: DC Centrifugal Blower

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.27 A

Power Input: 6.48 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 13.6 CFM (23.1 m³/h / 0.38 m³/min)

Max. Static Pressure: 15.8 mmH₂O (154.9 Pa / 0.62 inH₂O)

Dimensions: 75 x 75 x 30 mm

Weight: 88 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 46.0 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Insulation Class: Class A

Motor Protection: Impedance Protected, Reverse Polarity Protection

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

Mounting Orientation: Any

Certifications: CE, TUV, UL, cUL

The AD7524UB is specifically designed for thermal management in compact, high-heat generation equipment such as rack-mounted servers, network switches, and industrial automation control panels. Its high static pressure capabilities make the AD7524UB ideal for forcing air through dense heatsinks or restricted ducting systems found in 3D printers, projectors, and medical instrumentation. By delivering consistent cooling performance, this blower prevents component throttling and ensures system reliability in critical infrastructure.

Supplemental Images

