

AD0924HB-F91DS ADDA 24VDC 92mm High Airflow Axial Fan Datasheet



Brand: ADDA

SKU: [965596869430](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad0924hb-f91ds-adda-24vdc-92mm-high-airflow-axial-fan>

Product Description

The ADDA AD0924HB-F91DS is a precision-engineered Brushless DC axial fan designed for high-demand industrial thermal management. Manufactured in Taiwan, this unit features a robust thermoplastic housing and a dual ball bearing architecture, ensuring reduced friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure delivery, making it ideal for overcoming high thermal impedance in dense electronic enclosures. With a rated input of 13.2W, it provides exceptional airflow-to-noise efficiency, maintaining structural rigidity and reliability in harsh operating environments.

Model Number: AD0924HB-F91DS

Brand: ADDA Corporation

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.55 A

Input Power: 13.2 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 85.0 CFM (144.4 m³/h)

Max. Static Pressure: 9.2 mmH₂O (90.2 Pa)

Dimensions: 92 x 92 x 38 mm

Weight: 180 g

Life Expectancy: 70,000 Hours at 40°C

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Motor Type: Brushless DC (BLDC)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Country of Origin: Taiwan

The AD0924HB-F91DS is specifically engineered for critical cooling applications requiring sustained high static pressure, such as variable frequency drives (VFDs) and industrial inverters. Its robust design makes it suitable for server rack ventilation, CNC machinery control panels, and telecommunications power supply units. The AD0924HB-F91DS ensures thermal stability in enclosed systems where reliable heat dissipation is paramount to prevent component failure.