

AD0924XB-F91GP ADDA 24VDC 0.95A 92x92x38mm Axial Fan Datasheet



Brand: ADDA

SKU: [954549161574](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad0924xb-f91gp-adda-24vdc-0-95a-92x92x38mm-axial-fan>

Product Description

The ADDA AD0924XB-F91GP is a high-performance DC axial fan engineered for demanding industrial thermal management. Utilizing a brushless DC motor architecture, this unit is designed to minimize thermal impedance in high-density electronic enclosures. The structural rigidity of the reinforced PBT housing ensures dimensional stability during high-speed operation, while the precision-engineered dual ball bearing system provides a robust solution for continuous duty cycles. Its aerodynamic impeller design is optimized to deliver superior static pressure, making it an ideal component for overcoming the resistance found in tightly packed heat sinks and complex ventilation paths.

Model Number: AD0924XB-F91GP

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.95A

Power: 22.8W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 105.0 CFM (178.4 m³/h)

Max. Static Pressure: 15.2 mmH₂O (149.1 Pa)

Dimensions: 92x92x38mm

Weight: 190g

Life Expectancy: 70,000 Hours at 40°C

Housing Material: UL94V-0 Plastic PBT

Blade Material: UL94V-0 Plastic PBT

Termination: 2-Wire Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, TUV, UL, RoHS

The AD0924XB-F91GP is specifically tailored for high-heat industrial environments such as frequency converters and power inverters. Due to its high current rating and significant airflow capacity, the AD0924XB-F91GP excels in maintaining optimal operating temperatures for sensitive power electronics. It is frequently integrated into CNC machinery, telecommunications base stations, and server rack cooling systems where reliability is paramount. The robust construction of the AD0924XB-F91GP ensures it can withstand the rigorous demands of 24/7 industrial automation applications.