

AD1248HB-F91GP ADDA 48V DC Axial Fan

SKU: AD1248HB-F91GP

Price: \$12.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad1248hb-f91gp-adda-48v-dc-axial-fan/>

Product Description

The ADDA AD1248HB-F91GP is a high-performance DC Axial Fan with dimensions of 120×120×38 mm. It utilizes a 2-Wire Leads termination and operates on 48 VDC with a Rated Current of 0.52 A and Rated Power of 24.96 W. Featuring a Ball Bearing system and a 9 Blade Impeller, it achieves a high Rated Speed of 4,300 RPM. It delivers a powerful Airflow of 339.8 m³/h (200.0 CFM) and Static Pressure of 160.0 Pa (0.640 inAq), with a Noise Level of 61.0 dB(A). This fan is suited for applications requiring high heat dissipation against significant system backpressure, such as dense rackmount servers and high-power industrial controls.

AD1248HB-F91GP Fan Parameters

Model: AD1248HB-F91GP

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 120×120×38 mm

Bearing Type: Ball Bearing

Operating Voltage: 48 V

Rated Current: 0.52 A

Rated Input: 24.96 W

Rated Speed: 4,300 RPM

Airflow: 339.8 m³/h (200.0 CFM)

Static Pressure: 160.0 Pa (0.640 inAq)

Noise Level: 61.0 dB(A)

Termination: 2-Wire Leads

Impeller Number: 9 Blades

Motor Protection: By IC (Auto Restart)

Frame Material: Plastic (UL 94V-0), Aluminum

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Expected Life: 50,000 h (25 °C) (Minimum)

Safety Approvals: UL, cUL, CE

Application

The AD1248HB-F91GP is a powerful, high-speed fan designed for intensive cooling in environments with high thermal loads and restricted airflow paths. Its primary applications include high density server racks, data storage systems, telecommunication cabinets, and demanding industrial power supplies that require maximum cooling performance from a 120 mm form factor.

Product Images









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