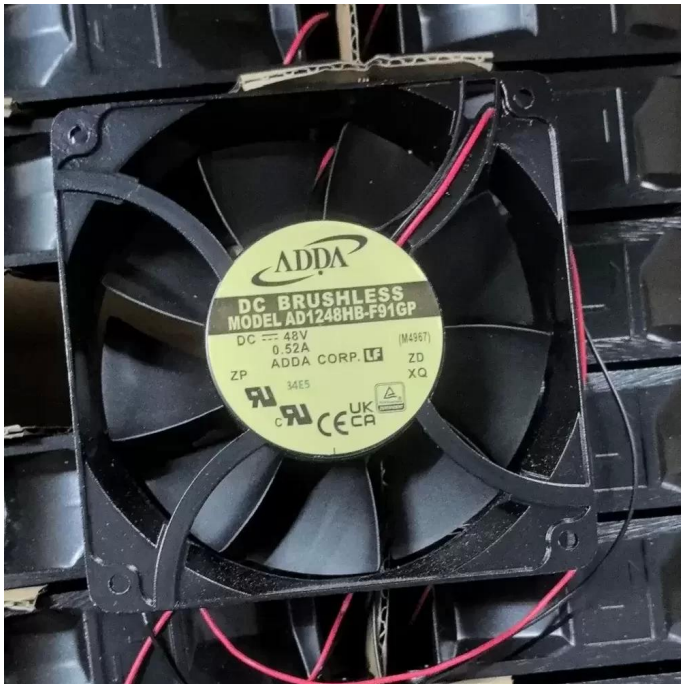


AD1248HB-F91GP ADDA 48VDC 120x120x38mm Metal Frame Axial Fan Datasheet



Brand: ADDA

SKU: 899554078258

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ad1248hb-f91gp-adda-48vdc-120x120x38mm-metal-frame-axial-fan>

Product Description

The ADDA AD1248HB-F91GP is a robust DC axial fan engineered for demanding industrial thermal management. Utilizing a high-efficiency DC brushless motor housed within a durable die-cast aluminum frame, this unit ensures structural rigidity and superior heat dissipation under continuous operation. The aerodynamic impeller design optimizes airflow delivery while maintaining static pressure stability, making it ideal for high-impedance environments. Featuring a precision two-ball bearing system, the fan reduces frictional wear, significantly extending service life and reliability in critical cooling applications. Its metal construction provides enhanced protection against electromagnetic interference and mechanical stress, ensuring consistent performance in harsh operational conditions.

Model Number: AD1248HB-F91GP

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 48VDC

Operating Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.52 A

Input Power: 24.96 W

Rated Speed: 3200 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 115.0 CFM (195.3 m³/h / 3.25 m³/min)

Max. Static Pressure: 10.5 mmH₂O (102.9 Pa / 0.41 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 320 g

Housing Material: Die-Cast Aluminum

Impeller Material: Thermoplastic PBT (UL94V-0)

Noise Level: 48.0 dB(A)

Life Expectancy: 70,000 Hours at 40°C

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

The AD1248HB-F91GP is specifically designed for high-load industrial electronics, serving as a primary cooling solution for variable frequency drives (VFDs) and heavy-duty power inverters. Its high static pressure capabilities make the AD1248HB-F91GP suitable for densely populated server racks, telecommunications cabinets, and CNC machinery control panels where overcoming system impedance is critical for maintaining optimal operating temperatures.

Supplemental Images

