AA8382HB-AW ADDA 220-240VAC 80x80x38mm Axial Fan Datasheet

Brand: ADDA

SKU: 1008019598221

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/aa8382hb-aw-adda-220-240vac-80x80x38mm-axial-fan

Product Description

The ADDA AA8382HB-AW is an industrial-grade AC axial fan engineered for high-reliability thermal management in demanding environments. Utilizing advanced motor technology optimized for 220-240VAC operation at dual frequencies (50/60Hz), this unit features a robust bearing architecture designed to minimize thermal impedance and ensure long-term structural rigidity. Its aerodynamic impeller design is specifically balanced to provide consistent airflow while maintaining low acoustic profiles. The AA8382HB-AW is constructed with premium materials to withstand continuous operation, making it an essential component for maintaining optimal operating temperatures in sensitive electronic enclosures and industrial machinery.

Model Number: AA8382HB-AW
Brand: ADDA
Product Type: AC Axial Fan
Rated Voltage: 220-240VAC
Voltage Range: 198.0 - 264.0 VAC
Frequency: 50/60Hz
Rated Current: 0.08/0.07A
Power: 14.0/12.0W
Rated Speed: 2400/2900 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 26.0/31.0 CFM (44.2/52.7 m^3/h)
Max. Static Pressure: 3.30/4.83 mmH_2O (32.36/47.36 Pa)
Dimensions: 80x80x38mm
Weight: 270g
Life Expectancy: 50,000 Hours at 40°C
Noise Level: 31.0/36.0 dB(A)
Housing Material: Aluminum Die-Cast
Blade Material: Thermoplastic UL94V-0
Termination: 2 Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Class: Class B
Protection: Impedance Protected
Certifications: UL, CUL, TUV, CE

The AA8382HB-AW is primarily utilized in high-density server racks, telecommunications cabinets, and industrial control panels where space is constrained but thermal loads are significant. Due to its compact 80x80x38mm form factor, the AA8382HB-AW integrates seamlessly into CNC machinery and medical diagnostic equipment to prevent component overheating. Its dual-frequency compatibility ensures that the AA8382HB-AW performs reliably across global power standards, providing critical cooling for power supplies and automated manufacturing systems.

Supplemental Images