

AF12038B22HL HUAXIA HENGTAI 100-240VAC 120x120x38mm AC Fan Datasheet



SKU: 951766655681

Category: Axial & Centrifugal Fans

Price: **\$17.99**

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<https://www.equipspares.com/product/af12038b22hl-huaxia-hengtai-100-240vac-120x120x38mm-ac-fan>

Product Description

The HUAXIA HENGTAI AF12038B22HL is a precision-engineered AC Axial Fan designed for robust thermal management in industrial environments. Operating with a versatile dual voltage configuration of 100-120/220-240VAC, this unit delivers consistent performance within a standard 120x120x38mm form factor. The motor assembly incorporates high-grade dual ball bearings, which significantly reduce frictional wear and thermal impedance, ensuring operational stability and extended service life. The aerodynamic impeller design maximizes airflow efficiency while maintaining structural rigidity under continuous load. With a power consumption of 9.5W, the AF12038B22HL balances energy efficiency with high-static pressure capabilities, making it an optimal solution for critical cooling applications requiring reliable heat dissipation.

Model Number: AF12038B22HL

Brand: HUAXIA HENGTAI

Product Type: AC Axial Fan

Rated Voltage: 110/220 VAC

Voltage Range: 100-120 / 220-240 VAC

Input Power: 9.5 W

Rated Speed: 2600 RPM

Max. Air Flow: 95.0 CFM (161.4 m³/h)

Max. Static Pressure: 7.1 mmH₂O (69.6 Pa / 0.28 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 120 x 120 x 38 mm

Weight: 530 g

Termination: 2-Wire Lead

Frequency: 50 / 60 Hz

Frame Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 50,000 Hours

Mounting: Flange Mount

The AF12038B22HL is engineered for deployment in mission-critical hardware such as server racks and telecommunications enclosures where continuous airflow is mandatory. Its dual voltage capability makes it highly adaptable for global industrial automation equipment, including CNC control panels and power supply units. The AF12038B22HL is also frequently integrated into medical instrumentation and heavy-duty ventilation systems, providing the necessary thermal regulation to prevent component failure and ensure system longevity.

Supplemental Images

