

# 9P-230HB VA Bi-Sonic 230VAC 92x92x38mm Metal Axial Fan Datasheet



**Brand:** Bi-Sonic

**SKU:** [1015163679643](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/9p-230hb-va-bi-sonic-230vac-92x92x38mm-metal-axial-fan>

## Product Description

The Bi-Sonic 9P-230HB VA is a precision-engineered AC Axial Fan designed for demanding industrial environments requiring superior structural rigidity and thermal resilience. Featuring a robust aluminum die-cast frame and steel impeller, this unit ensures long-term durability and stable aerodynamic performance under high static pressure conditions. The motor utilizes advanced AC technology with impedance protection to prevent burnout during locked rotor scenarios, optimizing thermal impedance and operational safety. With an IP55 rating, the 9P-230HB VA offers significant resistance against dust and moisture ingress, making it an ideal solution for harsh operational climates where reliability is paramount and maintenance access is limited.

Model Number: 9P-230HB VA

Brand: Bi-Sonic

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Input Power: 16 / 14 W

Rated Current: 0.11 / 0.09 A

Rated Speed: 2700 / 3150 RPM

Max. Air Flow: 48.0 / 55.0 CFM (81.5 / 93.4 m<sup>3</sup>/h)

Max. Static Pressure: 5.5 / 7.1 mmH<sub>2</sub>O (0.22 / 0.28 inH<sub>2</sub>O)

Bearing Type: Ball Bearing

Dimensions: 92 x 92 x 38 mm

Noise Level: 38 / 42 dBA

Frame Material: Aluminum Die-Cast (Metal)

Impeller Material: Steel (Metal)

Ingress Protection: IP55

Motor Protection: Impedance Protected (Class B)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +80°C

Weight: 480 g

Life Expectancy: 50,000 Hours at 25°C

The 9P-230HB VA is engineered for critical thermal management in industrial automation and telecommunications infrastructure. Its robust metal construction makes it particularly suitable for server cabinets, CNC machinery control panels, and power supply units where heat dissipation is critical. The 9P-230HB VA excels in environments requiring IP55 protection, ensuring consistent airflow in factory floors exposed to dust and moisture, effectively cooling rectifiers, instrumentation, and heavy-duty electronic enclosures.

## Supplemental Images

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