

IGE12038B2H CROWN 220VAC 120x120x38mm Axial Fan Datasheet



Brand: CROWN

SKU: [785048020844](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ige12038b2h-crown-220vac-120x120x38mm-axial-fan>

Product Description

The CROWN IGE12038B2H is a robust AC axial fan engineered for demanding industrial thermal management applications. Designed with a high-efficiency AC induction motor, this unit operates reliably on standard mains voltage, delivering consistent airflow performance essential for mitigating thermal impedance in enclosed systems. The construction features a durable aluminum alloy frame which provides superior structural rigidity and heat dissipation properties compared to standard plastic housings. Internally, the fan utilizes a precision dual ball bearing architecture, ensuring extended operational longevity and stability even under high-duty cycles or vertical mounting orientations. The aerodynamic impeller is crafted from UL94V-0 rated thermoplastic, optimizing static pressure generation while maintaining safety standards. This model is specifically calibrated for environments requiring sustained high-volume air movement.

Model Number: IGE12038B2H

Brand: CROWN (Taiwan Guan Zhan)

Product Type: AC Axial Fan

Rated Voltage: 220/240 VAC

Frequency: 50/60 Hz

Power Input: 21/19 W

Rated Current: 0.14/0.11 A

Rated Speed: 2600/3000 RPM

Max. Air Flow: 95/115 CFM (2.69/3.25 m³/min)
Max. Static Pressure: 0.33/0.38 inH₂O (8.38/9.65 mmH₂O)
Bearing Type: Dual Ball Bearing
Dimensions: 120 x 120 x 38 mm
Frame Material: Aluminum Alloy (Black Painted)
Impeller Material: Thermoplastic PBT (UL94V-0)
Noise Level: 44/48 dBA
Termination: Lead Wires / Terminals
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: >100M Ohm at 500VDC
Dielectric Strength: 1500VAC for 1 minute
Motor Protection: Impedance Protected
Weight: 550 g
Life Expectancy: 50,000 hours at 25°C

The IGE12038B2H is frequently deployed in critical infrastructure where downtime is not an option. Common applications include server rack cooling systems, industrial control cabinets, and power supply ventilation. The IGE12038B2H is also suitable for heavy-duty machinery such as CNC equipment and welding machines, where its metal frame offers resistance to harsher environmental conditions. Additionally, this model serves effectively in telecommunications enclosures and network switchgear, providing the necessary airflow to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images

