

EQC-12H220H HXRR 220/240VAC 120x120x38mm Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$18.99**

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Product Description

The HXRR EQC-12H220H is a robust Axial Fan engineered for high-reliability industrial cooling applications requiring durable thermal management solutions. Featuring a heavy-duty aluminum die-cast frame, this unit offers superior structural rigidity and enhanced thermal impedance management compared to standard thermoplastic alternatives. The motor assembly utilizes an efficient AC induction design optimized for 220/240V operation at 50/60Hz, delivering consistent airflow performance with a rated current of 0.20A. Designed specifically for cabinet ventilation and equipment cooling, the EQC-12H220H integrates precision-balanced blades to minimize vibration while maintaining efficient static pressure capabilities, making it an ideal solution for demanding thermal regulation environments requiring continuous duty cycles and long-term operational stability.

Model Number: EQC-12H220H

Brand: HXRR

Product Type: AC Axial Fan

Rated Voltage: 220/240 VAC

Frequency: 50/60 Hz

Voltage Range: 200 - 240 VAC

Rated Current: 0.20 A

Input Power: 30.0 W

Rated Speed: 2600 / 2900 RPM
Max. Air Flow: 95.0 CFM (161.4 m³/h / 2.69 m³/min)
Max. Static Pressure: 7.62 mmH₂O (74.7 Pa / 0.30 inH₂O)
Dimensions: 120 x 120 x 38 mm
Frame Material: Aluminum Die-Cast
Blade Material: Thermoplastic PBT (UL94V-0)
Bearing Type: Ball Bearing
Noise Level: 44 / 48 dBA
Life Expectancy: 50,000 Hours at 25°C
Termination: Lead Wires / Terminals
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Insulation Resistance: > 100M Ohm at 500VDC
Dielectric Strength: 1500VAC for 1 Minute
Motor Protection: Impedance Protected
Weight: 550 g

The EQC-12H220H is specifically designed for critical ventilation in industrial enclosures, including server racks, electrical control cabinets, and telecommunications infrastructure. Its robust aluminum construction makes it suitable for CNC machinery and power supply units where heat dissipation and mechanical durability are paramount. Additionally, the EQC-12H220H serves as an effective cooling component in welding machines and medical instrumentation, ensuring optimal operating temperatures for sensitive electronic components.

Supplemental Images

