

UF-123823H Fulltech 230VAC 120x120x38mm AC Axial Fan Datasheet



Brand: Fulltech

SKU: 676391461075

Category: Axial & Centrifugal Fans

Price: \$12.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/uf-123823h-fulltech-230vac-120x120x38mm-ac-axial-fan>

Product Description

The Fulltech UF-123823H is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing an advanced AC motor architecture paired with a precision ball bearing system, this unit ensures consistent rotational stability and reduced frictional wear over extended operational cycles. The aerodynamic impeller design optimizes airflow dynamics, effectively lowering thermal impedance within high-density enclosures. Constructed with structural rigidity in mind, the UF-123823H maintains performance integrity under continuous load, making it a critical component for maintaining equilibrium in sensitive electronic and mechanical systems requiring reliable heat dissipation.

Model Number: UF-123823H

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Rated Current: 0.14 A

Input Power: 23/21 W

Rated Speed: 2600 / 3000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 97.0 / 117.0 CFM (164.8 / 198.7 m³/h)

Max. Static Pressure: 0.30 / 0.34 inH₂O (7.62 / 8.63 mmH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 530 g

Frame Material: Aluminum Die-Cast

Impeller Material: PBT (UL94V-0)

Noise Level: 43 / 48 dB(A)

Motor Type: Shaded Pole Induction Motor

Insulation Class: Class B

Dielectric Strength: 1500 VAC for 1 min

Insulation Resistance: >100 MΩ at 500 VDC

Operating Temperature: -20°C to +70°C

Storage Temperature: -40°C to +80°C

Life Expectancy: 50,000 Hours at 25°C

Termination: Lead Wires / Terminals

Protection: Impedance Protected

Mounting: Flange Mount

Designed for versatility in industrial environments, the UF-123823H is frequently integrated into compressor units and injection molding machinery where consistent cooling is paramount. Its robust frame allows for secure installation in 4-inch server cabinets and telecommunication racks, preventing overheating in critical infrastructure. The UF-123823H also serves effectively in automation control panels and power supply units, ensuring operational continuity by mitigating thermal stress in enclosed spaces.

Supplemental Images

