

UF-12A23BWH Fulltech 230VAC 120x120x38mm Axial Fan Datasheet



Brand: Fulltech

SKU: 949992571439

Category: Axial & Centrifugal Fans

Price: \$21.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/uf-12a23bwh-fulltech-230vac-120x120x38mm-axial-fan>

Product Description

Fulltech UF-12A23BWH is a 230VAC 120x120x38mm Axial Fan optimized for high-density thermal management in industrial enclosures. Engineered with a robust shaded-pole motor architecture and a dual ball bearing system, this unit minimizes thermal impedance while maintaining structural rigidity under continuous duty cycles. The aerodynamic impeller design is specifically tuned to balance static pressure and volumetric flow, delivering a rated speed of up to 3100 RPM and an airflow capacity of 100 CFM. With a power consumption of 17W at 60Hz, it provides a reliable cooling solution for systems requiring high-reliability components with extended life expectancy in demanding environments.

Model Number: UF-12A23BWH

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Voltage Range: 207 - 253 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.12 / 0.11 A

Power: 17 / 15 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 84 / 100 CFM (142.7 / 169.9 m³/h)

Max. Static Pressure: 6.1 / 7.4 mmH₂O (59.8 / 72.5 Pa)

Noise Level: 44 / 49 dB(A)

Dimensions: 120 x 120 x 38 mm

Weight: 530 g

Housing Material: Die-Cast Aluminum

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Insulation Class: Class B

Operating Temperature: -10 to +70 C

Life Expectancy: 50,000 Hours at 25 C

Protection: Impedance Protected

Certifications: UL, CUL, TUV, CE, RoHS

UF-12A23BWH Applications

1. Industrial Control Cabinets: High static pressure capability allows for efficient heat dissipation through dense internal wiring and component layouts, making it an ideal replacement fan for VFD enclosures.
2. Power Supply Units: The die-cast aluminum housing provides the necessary structural rigidity and heat sinking properties required for cooling high-wattage AC-DC power converters.
3. Server Rack Ventilation: Optimized for 3U and larger rackmount chassis where overcoming system impedance is critical for maintaining consistent internal ambient temperatures.

Supplemental Images

