

UF-12A11BTM Fulltech 115VAC 120x120x38mm Axial Fan Datasheet



Brand: Fulltech

SKU: 992098882503

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/uf-12a11btm-fulltech-115vac-120x120x38mm-axial-fan>

Product Description

The Fulltech UF-12A11BTM is a precision-engineered AC axial fan designed for critical thermal management in industrial environments. Utilizing a robust shaded pole motor architecture, this unit operates efficiently at 115VAC, delivering consistent airflow with optimized static pressure capabilities. The construction features a durable aluminum die-cast frame and thermoplastic impeller, ensuring structural rigidity and resistance to deformation under thermal stress. Equipped with a dual ball bearing system, the UF-12A11BTM minimizes frictional coefficients to extend operational lifespan while maintaining low thermal impedance. Integrated thermal protection safeguards the motor windings against overheating, making it a reliable solution for continuous duty cycles in demanding electrical enclosures and machinery.

Model Number: UF-12A11BTM

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50/60 Hz

Input Power: 14W / 12W

Rated Current: 0.14 A / 0.12 A

Rated Speed: 2700 RPM / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95 CFM / 115 CFM

Max. Static Pressure: 8.38 mmH₂O / 9.65 mmH₂O

Dimensions: 120x120x38mm

Frame Material: Die-Cast Aluminum (Black)

Blade Material: Thermoplastic PBT (UL94V-0)

Motor Protection: Impedance Protected / Thermal Protection

Termination: Terminals

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 42 dB(A) / 46 dB(A)

Life Expectancy: 50,000 Hours at 25°C

Weight: 550g

Designed for high-reliability ventilation, the UF-12A11BTM is extensively utilized in industrial automation and power distribution systems. Its robust AC motor makes it ideal for cooling server racks, electrical control cabinets, and CNC machinery control panels where consistent airflow is paramount. The UF-12A11BTM effectively dissipates heat in enclosed distribution boxes, preventing component failure due to thermal saturation in telecommunications infrastructure and medical instrumentation.

Supplemental Images

