UF-12A11BTH Fulltech 115VAC 120x120x38mm Cooling Axial Fan Datasheet

Brand: Fulltech

SKU: 953459160690

Category: Axial & Centrifugal Fans

Price: **$42.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/uf-12a11bth-fulltech-115vac-120x120x38mm-cooling-axial-fan

Product Description

The Fulltech UF-12A11BTH is a robust AC Axial Fan engineered for demanding industrial thermal management applications. This unit utilizes a durable dual ball bearing architecture housed within a die-cast aluminum frame, ensuring structural rigidity and long-term reliability under continuous operation. Designed with an impedance-protected motor, it optimizes airflow efficiency while minimizing thermal impedance. The aerodynamic impeller design facilitates superior air movement, making it an ideal solution for maintaining optimal operating temperatures in electronic enclosures and machinery.

Model Number: UF-12A11BTH
Brand: Fulltech
Product Type: AC Axial Fan
Rated Voltage: 115 VAC
Frequency: 50 / 60 Hz
Voltage Range: 100 - 125 VAC
Rated Current: 0.18 / 0.16 A
Input Power: 14 / 12 W
Rated Speed: 2700 / 3100 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 102.0 CFM (173.3 m^3/h / 2.88 m^3/min)

Max. Static Pressure: 8.13 mmH_2O (79.7 Pa / 0.32 inH_2O)
Dimensions: 120 x 120 x 38 mm
Weight: 520 g
Life Expectancy: 50000 Hours at 25°C
Termination: Terminals
Frame Material: Aluminum Die-Cast (Black)
Impeller Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -20°C to +70°C
Storage Temperature: -40°C to +80°C
Noise Level: 42 / 46 dBA
Motor Protection: Impedance Protected
Dielectric Strength: 1500 VAC for 1 Min
Insulation Resistance: >100M Ohm at 500VDC
Safety Certifications: UL, CUL, TUV, CE

The UF-12A11BTH is frequently deployed in industrial automation environments, specifically within control cabinets and server racks where consistent heat dissipation is critical. Its robust construction allows for integration into CNC machinery and power supply units requiring reliable air circulation. Telecommunications infrastructure also utilizes the UF-12A11BTH to prevent thermal throttling in sensitive networking equipment, ensuring system stability across varying environmental conditions.

Supplemental Images