UF-1202523H FULLTECH 230VAC 120x120x25mm Silent Axial Fan Datasheet

Brand: Fulltech

SKU: 961961029037

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/uf-1202523h-fulltech-230vac-120x120x25mm-silent-axial-fan

Product Description

The FULLTECH UF-1202523H is a precision-engineered AC Axial Fan designed for robust thermal management in industrial environments. Utilizing an advanced shaded-pole motor architecture, this unit delivers consistent airflow while maintaining optimal energy efficiency. The construction features a durable die-cast aluminum frame coupled with a thermoplastic impeller, ensuring structural rigidity and resistance to thermal deformation under continuous operation. Engineered with high-quality bearings, the UF-1202523H minimizes frictional losses and acoustic noise, making it an ideal solution for applications requiring reliable heat dissipation and long-term operational stability. Its aerodynamic blade design optimizes static pressure capabilities, effectively overcoming system impedance in dense electronic enclosures.

Model Number: UF-1202523H
Brand: FULLTECH
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.08 A
Input Power: 17 / 15 W
Rated Speed: 2150 / 2600 RPM
Max. Air Flow: 66 / 78 CFM (112 / 132 m^3/h)

Max. Static Pressure: 0.13 / 0.17 inH_2O (3.3 / 4.3 mmH_2O)
Noise Level: 37 / 41 dB(A)
Bearing Type: Ball Bearing
Dimensions: 120 x 120 x 25 mm
Frame Material: Die-Cast Aluminum (Black Painted)
Impeller Material: Thermoplastic PBT (UL94V-0)
Motor Type: Shaded Pole Induction Motor
Protection: Impedance Protected
Insulation Resistance: > 100M Ohm at 500VDC
Dielectric Strength: 1500VAC for 1 min
Operating Temperature: -20°C to +70°C
Termination: Lead Wires
Weight: 330 g
Life Expectancy: 50,000 Hours at 25°C

The UF-1202523H is specifically engineered for critical cooling applications within industrial automation and telecommunications sectors. It is frequently deployed in server cabinets, network enclosures, and power supply units where consistent airflow is paramount to prevent thermal throttling. The robust design of the UF-1202523H allows it to operate effectively in CNC control panels and medical instrumentation, ensuring sensitive components remain within safe operating temperature ranges. Additionally, this model is suitable for ventilation in general electronics and instrumentation racks requiring a compact yet powerful air-moving device.

Supplemental Images