

# UF-25HC23BTH Fulltech 230VAC 254x254x89mm Axial Fan Datasheet



**Brand:** Fulltech

**SKU:** 776859711456

**Category:** Axial & Centrifugal Fans

**Price:** **\$94.99**

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Product Page:

<https://www.equipspares.com/product/uf-25hc23bth-fulltech-230vac-254x254x89mm-axial-fan>

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## Product Description

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The Fulltech UF-25HC23BTH is a robust AC Axial Fan engineered for high-demand industrial thermal management. Utilizing a permanent split capacitor induction motor and a precision Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow throughput, significantly reducing thermal impedance in enclosed systems. Housed in a die-cast aluminum frame, the fan offers superior structural rigidity and vibration resistance, making it ideal for harsh environments requiring reliable heat dissipation.

Model Number: UF-25HC23BTH

Brand: Fulltech

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Voltage Range: 207 - 253 VAC

Frequency: 50 / 60 Hz

Input Power: 95 / 125 W

Rated Current: 0.45 / 0.55 A

Rated Speed: 2600 / 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 883 CFM (1500 m<sup>3</sup>/h / 25.0 m<sup>3</sup>/min)

Max. Static Pressure: 22.8 mmH<sub>2</sub>O (223 Pa / 0.90 inH<sub>2</sub>O)

Dimensions: 254 x 254 x 89 mm

Weight: 2700 g

Life Expectancy: 40,000 Hours at 40°C

Termination: Terminal Type

Housing Material: Die-Cast Aluminum

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -20°C to +70°C

Storage Temperature: -40°C to +80°C

Noise Level: 68 / 72 dB(A)

Motor Protection: Thermal Protected

Safety Certifications: UL, CUL, TUV, CE

The UF-25HC23BTH is specifically designed for large-scale industrial cooling applications where high volume airflow is critical. Common deployments include main control cabinets, heavy-duty server racks, and power distribution units requiring consistent thermal regulation. The UF-25HC23BTH excels in CNC machinery ventilation and heat exchanger systems, ensuring components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure in telecommunications and manufacturing sectors.

## Supplemental Images

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