

YWF-4E300B Weiguang 220VAC 300mm External Rotor Axial Fan Datasheet



Brand: Weiguang

SKU: 999030306161

Category: Axial & Centrifugal Fans

Price: **\$266.00**

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Product Page:

<https://www.equipspares.com/product/ywf-4e300b-weiguang-220vac-300mm-external-rotor-axial-fan>

Product Description

The Weiguang YWF-4E300B is a precision-engineered AC axial fan designed for demanding industrial thermal management applications. Utilizing advanced external rotor motor technology, this unit delivers superior aerodynamic performance while maintaining a compact structural footprint. The 300mm impeller is balanced to minimize vibration and noise, ensuring operational stability under continuous load. With an IP54 ingress protection rating, the motor is effectively shielded against dust and splashing water, enhancing durability in harsh environments. The design optimizes thermal impedance, allowing for efficient heat dissipation in refrigeration and ventilation systems. Its robust construction ensures structural rigidity, making it a reliable component for critical cooling infrastructures requiring consistent airflow and longevity.

Model Number: YWF-4E300B

Brand: Weiguang

Product Type: External Rotor Axial Fan

Rated Voltage: 220VAC

Frequency: 50 Hz

Rated Current: 0.42 A

Input Power: 85 W

Output Power: 39 W

Rated Speed: 1380 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 1088 CFM (1850 m³/h)

Max. Static Pressure: 6.12 mmH₂O (60 Pa)

Dimensions: 300mm (Blade Diameter)

Ingress Protection: IP54

Motor Type: Single Phase Asynchronous Motor

Insulation Class: Class B

Operating Temperature: -30°C to +60°C

Material: Metal Grid / Coated Steel Blades

The YWF-4E300B is engineered for integration into diverse industrial environments, specifically excelling in refrigeration systems and commercial air conditioning units where reliable heat exchange is paramount. Manufacturers of cold storage units and condensers frequently utilize the YWF-4E300B to maintain optimal operating temperatures, ensuring system efficiency and safety. Additionally, this model is suitable for general industrial ventilation equipment requiring a robust external rotor solution.

Supplemental Images

