

YWF4E-250BL Weiguang External Rotor AC axial fan

SKU: YWF4E-250B

Price: \$67.28

Categories: Fans

Tags: Weiguang

Product Link:

<https://www.electspares.com/product/ywf4e-250bl-weiguang-external-rotor-ac-axial-fan/>

Product Description

The Weiguang YWF4E-250B is an AC axial fan with an external rotor motor, featuring a 250mm diameter. It operates on 220V/230 VAC at 50 Hz, drawing 0.23 A of current with a power consumption of 50 W. This fan achieves a speed of 1380 RPM. It provides an airflow of 700 m³/h (at 20Pa) or 829 m³/h (at 0Pa), with a noise level of 55 dB(A). It features ball bearings for reliable operation and has an IP54 protection rating, safeguarding against dust and water splashes. The fan includes a capacitor (e.g., 2 µF / 450V) and thermal protection. Its robust design is suitable for ventilation systems, refrigerators, air conditioning equipment, and various HVAC industrial applications.

YWF4E-250B Fan Parameters

Model: YWF4E-250B

Manufacturer: Weiguang

Type: AC Axial Fan (External Rotor)

Dimensions: 250 mm (Diameter)

Rated Voltage: 220V/230 VAC

Frequency: 50 Hz

Rated Current: 0.23 A

Power Consumption: 50 W

Speed: 1380 RPM

Airflow: 700 m³/h (at 20 Pa) / 829 m³/h (at 0 Pa)

Noise Level: 55 dB(A)

Bearing Type: Ball Bearings

Termination: Lead wire (often with terminal box)

Capacitor: 2 µF / 450 V (Typical)

Protection Rating: IP54

Insulation Class: B

Motor Protection: Thermal protected (e.g., thermocontact $135\pm5^{\circ}\text{C}$)

Operating Temperature: -30 to 60°C

Expected Life: >40,000 h

Application: Ventilation systems, refrigerators, air conditioning equipment, HVAC industrial applications.

Product Images









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