

YWF4D-400B Weiguang 380VAC 400mm IP54 Axial Fan Motor Datasheet



Brand: Weiguang

SKU: 999821533203

Category: Axial & Centrifugal Fans

Price: \$192.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ywf4d-400b-weiguang-380vac-400mm-ip54-axial-fan-motor>

Product Description

The Weiguang YWF4D-400B is a robust industrial axial fan engineered for high-demand ventilation systems and refrigeration units. Utilizing advanced external rotor motor technology, this 3-phase asynchronous unit delivers superior aerodynamic efficiency while maintaining low thermal impedance under continuous load. The assembly features a precision-balanced design that optimizes airflow dynamics, reducing turbulence and operational noise during high-speed rotation. Constructed with high structural rigidity and rated IP54, the motor ensures reliable performance in harsh environments containing dust and moisture. Its electromagnetic design minimizes power loss, making it an ideal solution for critical heat dissipation applications requiring stable, long-term operation.

Model Number: YWF4D-400B

Brand: WEIGUANG

Product Type: Axial Fan Motor

Motor Technology: 3-Phase Asynchronous External Rotor

Rated Voltage: 380 V

Frequency: 50 Hz

Rated Current: 0.47 A

Input Power: 180 W

Output Power: 110 W

Rated Speed: 1380 RPM

IP Rating: IP54

Blade Diameter: 400 mm

Packaging Dimensions: 43.5 x 43.5 x 16.5 cm

Weight: 6.6 kg

Application: Industrial Ventilation, Refrigeration, Cold Storage

The YWF4D-400B is specifically calibrated for integration into industrial ventilation systems and heavy-duty refrigeration equipment. Its robust design makes it a primary choice for cold storage heat dissipation units where consistent airflow is critical for maintaining thermal stability. Engineers frequently deploy the YWF4D-400B in condenser units and evaporators, as well as general industrial exhaust setups, ensuring optimal cooling performance in commercial and industrial facilities.

Supplemental Images



WEIGUANG®

微光电机

1.5m

三相异步外转子风扇电动机

型号: YWF4D-400B

电压/频率: 380V/50Hz

尺寸: 43.5cm×43.5cm×16.5cm

净重/毛重: 5.8 / 6.6 kg

生产日期: 2025年4月

P/N: 13825701F/J

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