

FB050-4EK.4I.V4P ZIEHL-ABEGG 230V AC Axial Fan 500mm

SKU: FB050-4EK.4I.V4P

Price: \$222.16

Categories: Fans

Tags: Ziehl-Abegg

Product Link:

<https://www.electspares.com/product/fb050-4ek-4i-v4p-ziehl-abegg-230v-ac-axial-fan-500mm/>

Product Description

The ZIEHL-ABEGG FB050-4EK.4I.V4P is a High-Performance AC Axial Fan with Sheet Blades and a fan diameter of 500 mm. It operates on 1~230 V $\pm$ 10% and supports both 50 Hz and 60 Hz frequencies. At 50 Hz, it delivers 0.64 kW Input Power at 1,180 RPM with 2.8 A Rated Current; at 60 Hz, Input Power is 0.72 kW at 1,300 RPM with 3.2 A Rated Current. The fan has an IP54 protection rating and is primarily used in industrial refrigeration, air conditioning, and ventilation systems where dual-frequency capability and high durability are required.

FB050-4EK.4I.V4P Fan Parameters

Model: FB050-4EK.4I.V4P

Manufacturer: ZIEHL-ABEGG

Type: AC Axial Fan (Sheet Blade)

Fan Diameter: 500 mm

Bearing Type: Ball Bearing (with long-time lubrication)

Airflow Direction: Suction (V)

Nominal Voltage: 230 VAC

Phase: 1~

Degree of Protection: IP54

Thermal Class: THCL155

Motor Protection: Thermal Contact

Connection: Terminal Box

Capacitor: 10.0 μ F/400 V

Max. Ambient Temperature (50 Hz Limit): 70 °C

Max. Ambient Temperature (60 Hz Limit): 60 °C

Min. Operating Temperature: -25 °C

Mass: 12 kg

Blade Material: Aluminium

Fan Design: Design I (Axial bolted, mounting for bell mouth)

50 Hz Performance Data

Frequency: 50 Hz

Rated Input: 0.64 kW

Rated Current: 2.8 A

Starting Current: 4.1 A

Rated Speed: 1,180 RPM

Airflow (Approx. Max. Free Air Delivery): 7,900 m³/h (4,649.5 CFM)

60 Hz Performance Data

Frequency: 60 Hz

Rated Input: 0.72 kW

Rated Current: 3.2 A

Rated Speed: 1,300 RPM

Application

The FB050-4EK.4I.V4P is a versatile industrial fan engineered for applications where a compact installation is required, such as mounting in short nozzles or basket grilles. Its robust AC motor and dual-frequency capability make it a reliable choice for refrigeration equipment, condensers, and general HVAC ventilation in commercial and industrial settings.

Product Images







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