FN045-4EK.2F.V7P2 ZIEHL-ABEGG 230V AC Axial Fan 450mm

SKU: FN045-4EK.2F.V7P2

Price: \$266.96

Categories: Fans

Tags: Ziehl-Abegg

Product Link:

https://www.elecspares.com/product/fn045-4ek-2f-v7p2-ziehl-abegg-230v-ac-a

xial-fan-450mm/

Product Description

The ZIEHL-ABEGG FN045-4EK.2F.V7P2 is a High-Performance AC Axial Fan with Sickle Blades and a fan diameter of 450 mm. It operates on $1\sim230~V\pm10\%$ at 50 Hz, consuming 390 W Input Power with a Rated Current of 1.75 A. The fan achieves a Rated Speed of 1,290 RPM and delivers an Airflow of 5,700 m3/h (3,354.5 CFM) at free air delivery. It generates a Max Static Pressure of 100 Pa (0.40 inAq) and has an IP54 protection rating with a Thermal Class THCL155. This unit is designed for condenser cooling and HVAC systems where high airflow and robust environmental protection are critical.

FN045-4EK.2F.V7P2 Fan Parameters

Model: FN045-4EK.2F.V7P2
Manufacturer: ZIEHL-ABEGG
Type: AC Axial Fan (Sickle Blade)

Fan Diameter: 450 mm

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

Airflow Direction: Suction Nominal Voltage: 230 VAC

Frequency: 50 Hz

Phase: 1∼

Rated Current: 1.75 A

Starting Current (I): 3.60 A Current Increase (Δ I): 10 %

Rated Input: 390 W

Rated Speed: 1,290 RPM

Airflow (Max. Free Air): 5,700 m3/h (3,354.5 CFM)

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Max. Static Pressure (PsF max.): 100 Pa (0.40 inAq)

Sound Power Level (LWA5): 72.0 dB/A

Thermal Class: THCL155

Max. Ambient Temperature: 55 ∘C Min. Operating Temperature: −25 ∘C

Mass: 6.60 kg

Degree of Protection: IP54

Motor Protection: Thermal Contact (Internally Wired)

Capacitor: $7.0 \mu F/400 V$

Connection: Terminal Box K05

Number of Blades: 7

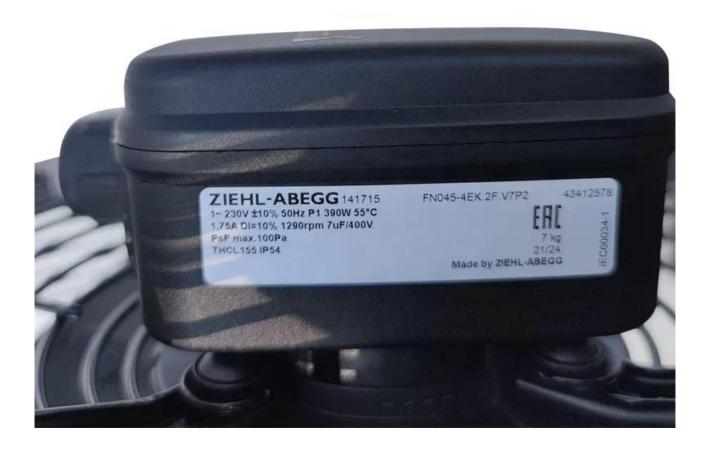
Blade Material: High Performance Composite Material

Application

The FN045-4EK.2F.V7P2 is an industrial Axial Fan with high volume air moving capability, designed to provide efficient cooling for high-power systems. Typical applications include air conditioning and ventilation systems, commercial refrigeration condenser units, and industrial heat exchangers where high airflow and environmental resistance are necessary.

Product Images









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