

FN045-VDK.4F.V7P1 ZIEHL-ABEGG 400V AC Axial Fan

SKU: FN045-VDK.4F.V7P1

Price: \$392.48

Categories: Fans

Tags: Ziehl-Abegg

Product Link:

<https://www.electspares.com/product/fn045-vdk-4f-v7p1-ziehl-abegg-400v-ac-axial-fan/>

Product Description

The ZIEHL-ABEGG FN045-VDK.4F.V7P1 is a three-phase AC Axial Fan with measuring dimensions of 450 mm in diameter, belonging to the highly efficient FE2owlet series. It operates on a Nominal Voltage of 400 V at 50/60 Hz and offers dual-speed capability via D/Y connection. The fan's operating points range from a low of 360 W/0.66 A at 1,020 RPM (50 Hz,Y-connection) up to 840 W/1.50 A at 1,460 RPM (60 Hz,D-connection). It is characterized by an aluminum 7-blade impeller, IP54 protection, and a weight of 11.00 kg, making it a reliable solution for high-volume air circulation in demanding refrigeration and air conditioning units.

Fan Parameters

Manufacturer: ZIEHL-ABEGG

Model: FN045-VDK.4F.V7P1

Type: AC Axial Fan

AC/DC: AC

Phase: 3~

Voltage: 400 V

Frequency: 50/60 Hz

Dimensions: 450 mm (Diameter)

Airflow Direction: Suction (V)

Impeller Material: Aluminium

Number of Blades: 7

Motor Type: External Rotor Motor

Motor Protection: Thermal contact

Protection: IP54

Conformity: ErP 2015 (Efficiency Grade N)

actual

=42.0)

Electrical Connection: Terminal box

Weight: 11.00 kg

50 Hz Performance Data (400 V)

Connection: D (Delta)

Power Consumption: 540 W

Current: 1.10 A

Nominal Speed: 1,350 RPM

Max. Working Temperature: 70 °C

Connection: Y (Star)

Power Consumption: 360 W

Current: 0.66 A

Nominal Speed: 1,020 RPM

60 Hz Performance Data (400 V)

Connection: D (Delta)

Power Consumption: 840 W

Current: 1.50 A

Nominal Speed: 1,460 RPM

Max. Working Temperature: 45 °C

Connection: Y (Star)

Power Consumption: 380 W

Current: 0.76 A

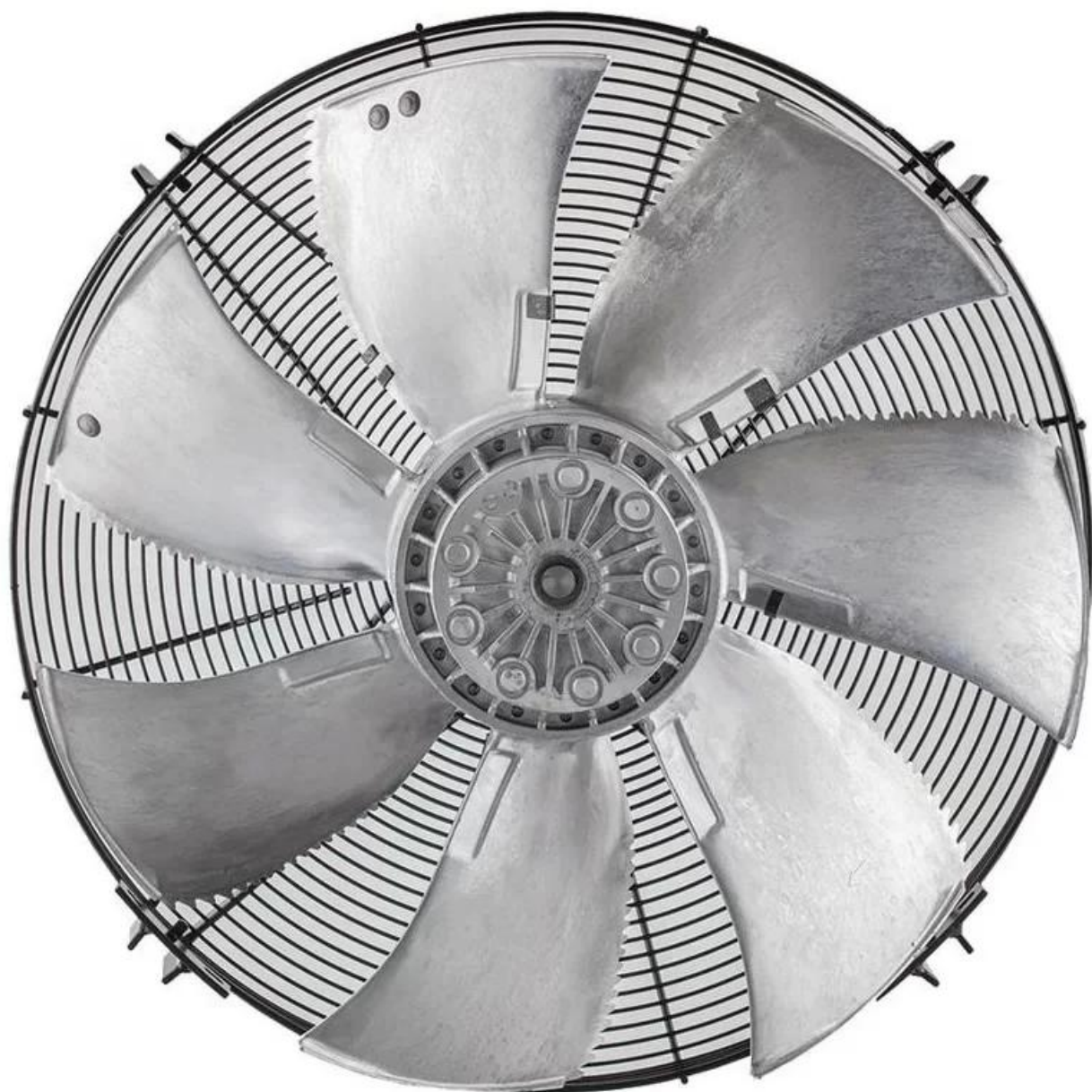
Nominal Speed: 840 RPM

Application

Industrial and commercial refrigeration systems, heat pump outdoor units, condensers, evaporators, and general ventilation where a multi-speed, high-efficiency fan is required.

Product Images









Scan for product details:

