

# QK08A-4EM.35.CD ZIEHL-ABEGG 230V 80mm AC Cross-flow Fan

**SKU:** QK08A-4EM.35.CD

**Price:** \$1,290.78

**Categories:** Fans

**Tags:** Ziehl-Abegg

**Product Link:**

<https://www.electspares.com/product/qk08a-4em-35-cd-ziehl-abegg-230v-80mm-ac-cross-flow-fan/>

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## Product Description

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The ZIEHL-ABEGG QK08A-4EM.35.CD is a high-performance 230VAC single-phase AC Cross-flow Fan with an 80 mm diameter tangential impeller and a 350 mm discharge width, specifically engineered for uniform linear cooling in Industrial Frequency Converters and specialized electronic enclosures. Driven by a high-torque 4-pole external rotor motor with precision ball bearings, this 3.0 kg unit operates at 230 VAC across 50/60 Hz frequencies, delivering a Max. Power Consumption of 50.0 / 60.0 W and a Max. Current Draw of 0.28 / 0.30 A at a rated speed of 1410 / 1650 RPM. This High-performance unit features a specialized aerodynamic tangential aluminum impeller achieving a Max. Air Flow of 480.0 / 560.0 m<sup>3</sup>/h (282.5 / 329.6 CFM / 8.00 / 9.33 m<sup>3</sup>/min) and a Max. Static Pressure of 5.61 / 7.65 mmH<sub>2</sub>O (55.0 / 75.0 Pa / 0.22 / 0.30 inAq). Featuring a "Made in Germany" robust construction with integrated thermal contacts (TB) for motor protection, this IP10-rated fan is optimized for environments requiring uniform airflow distribution and high reliability in compact industrial VFD systems at the end.

QK08A-4EM.35.CD Fan Parameters

Model Number: QK08A-4EM.35.CD

Manufacturer: ZIEHL-ABEGG

Motor Model: MK085-4EM.35.CD

Type: AC Cross-flow Fan (Tangential)

Impeller Diameter: 80 mm

Impeller Width: 350 mm

Weight: 3.0 kg

Origin: Made in Germany

Bearing Type: Ball bearing (Maintenance-free)

Nominal Voltage: 230 VAC

Voltage Range: 230 VAC (+10%)

Frequency: 50 / 60 Hz

Max. Current Draw: 0.28 / 0.30 A

Max. Power Consumption: 50.0 / 60.0 W

Rated Speed: 1410 / 1650 RPM

Capacitance Required: 1.5  $\mu$ F / 400 V

Max. Air Flow: 282.5 / 329.6 CFM (480.0 / 560.0 m<sup>3</sup>/h / 8.00 / 9.33 m<sup>3</sup>/min)

Max. Static Pressure: 5.61 / 7.65 mmH<sub>2</sub>O (55.0 / 75.0 Pa / 0.22 / 0.30 inAq)

Working Air Flow: 480.0 / 560.0 m<sup>3</sup>/h

Static Pressure Increase: 55.0 / 75.0 Pa

Motor Protection: Thermal contact (TB) integrated

Insulation Class: Thermal class 130 (Class B / THCL 130)

Degree of Protection: IP10

Impeller Material: Aluminium

Housing Material: Sheet aluminium / Galvanized steel

Ambient Temperature (Max.): 50 °C

Min. Operating Temperature: -20 °C

Balancing Quality: G6.3

Electrical Hookup: Lead wires (35 cm length)

Standard Compliance: CE; UL; EAC; ErP 2015

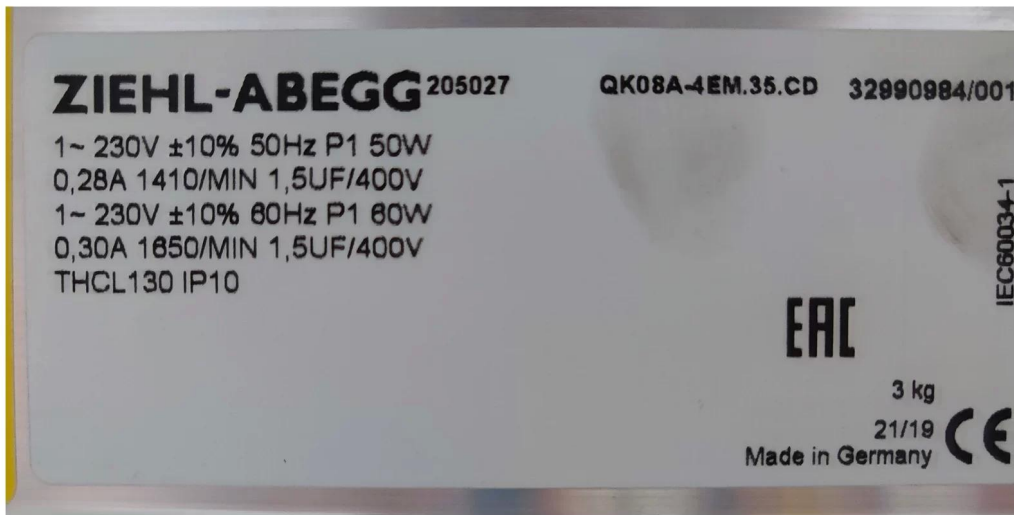
#### Application

The ZIEHL-ABEGG QK08A-4EM.35.CD cross-flow fan is the primary cooling component for industrial frequency converters, air curtains, and compact electronic rack cooling requiring uniform linear airflow and ultra-quiet operation in 230VAC single-phase environments.

## Product Images

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Scan for product details:

