

# QK08B-2EM.50.CH Ziehl-Abegg 230V AC Cross-flow Fan

**SKU:** QK08B-2EM.50.CH

**Price:** \$989.69

**Categories:** Fans

**Tags:** Ziehl-Abegg

**Product Link:**

<https://www.electspares.com/product/qk08b-2em-50-ch-ziehl-abegg-230v-ac-cross-flow-fan/>

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## Product Description

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The Ziehl-Abegg QK08B-2EM.50.CH is a high-velocity AC cross-flow fan engineered for demanding applications requiring a powerful, linear, and laminar airflow distribution. This 628 mm extended-length unit is driven by a high-speed 2-pole external rotor motor, delivering an impressive 2470 RPM at 50Hz with a 0.27 kW power input. Designed for single-phase 230V operation, it provides exceptional air throw and uniformity across its entire discharge width. With a lightweight 5 kg construction and a compact 628 x 160 x 130 mm profile, it is optimized for space-constrained environments that still require high cooling capacity. Rated at IP10 and capable of withstanding ambient temperatures up to 70 °C, this fan ensures reliable, high-performance operation in specialized industrial and commercial ventilation systems.

QK08B-2EM.50.CH Fan Parameters

Manufacturer: Ziehl-Abegg

Model Number: QK08B-2EM.50.CH

Type: AC cross-flow fan (Tangential blower)

Phase: 1~

Nominal Voltage: 230 V

Nominal Voltage Range: 220 - 240 VAC

Frequency: 50/60 Hz

Dimensions: 628 x 160 x 130 mm

Weight: 5 kg

[Electrical Data]

Input Power (50 Hz): 0.27 kW (270 W)

Input Power (60 Hz): 0.28 kW (280 W)

Nominal Speed (50 Hz): 2470 RPM

Nominal Speed (60 Hz): 2600 RPM

Current Draw (50 Hz): 1.2 A

Current Draw (60 Hz): 1.2 A

Capacitor: 8.0  $\mu$ F / 400 VDB (Required for operation)

Motor Protection: Thermal contact (TB)

Insulation Class: F

Termination: Lead wires or terminal box

#### [Performance & Acoustics]

Max. Air Flow (50 Hz): 765.1 CFM (1,300.0 m<sup>3</sup>/h / 21.67 m<sup>3</sup>/min)

Max. Static Pressure (50 Hz): 18.35 mmH<sub>2</sub>O (180.0 Pa / 0.72 inH<sub>2</sub>O)

Sound Power Level: 64 dB(A)

Impeller Length: 515 mm (Effective discharge)

Total Housing Length: 628 mm

Direction of Rotation: Counterclockwise (viewed toward motor)

Airflow Direction: 90° tangential discharge

#### [Materials & Construction]

Housing Material: Galvanized sheet steel

Impeller Material: Aluminum

Motor Bearing: High-temperature ball bearings

Installation Position: Any

Degree of Protection: IP10

#### [Reliability & Safety Standards]

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 70 °C

Standard Compliance: EN 60335-1, CE

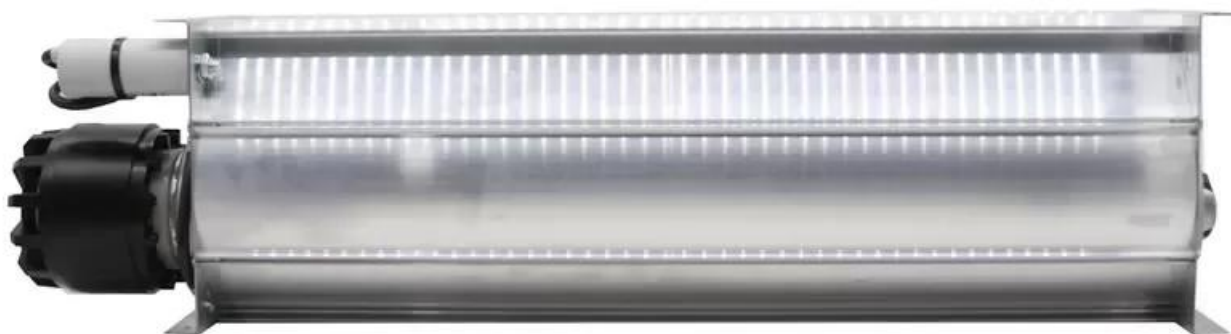
Approval Agency: VDE, UL, EAC, RoHS

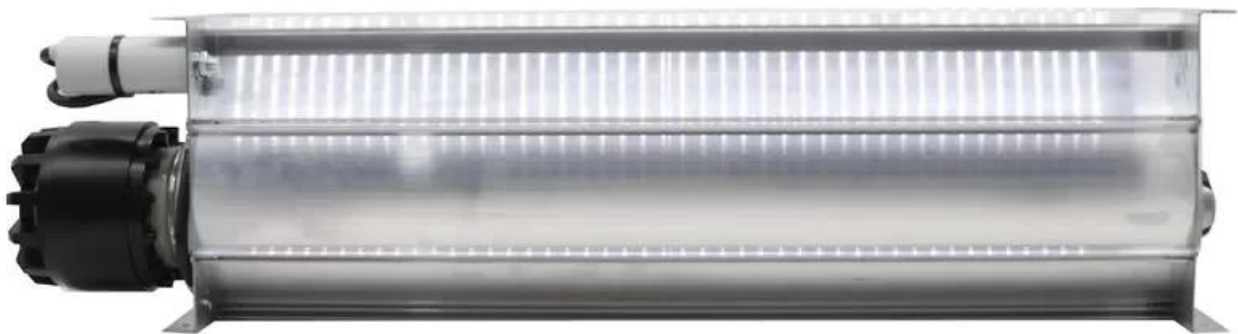
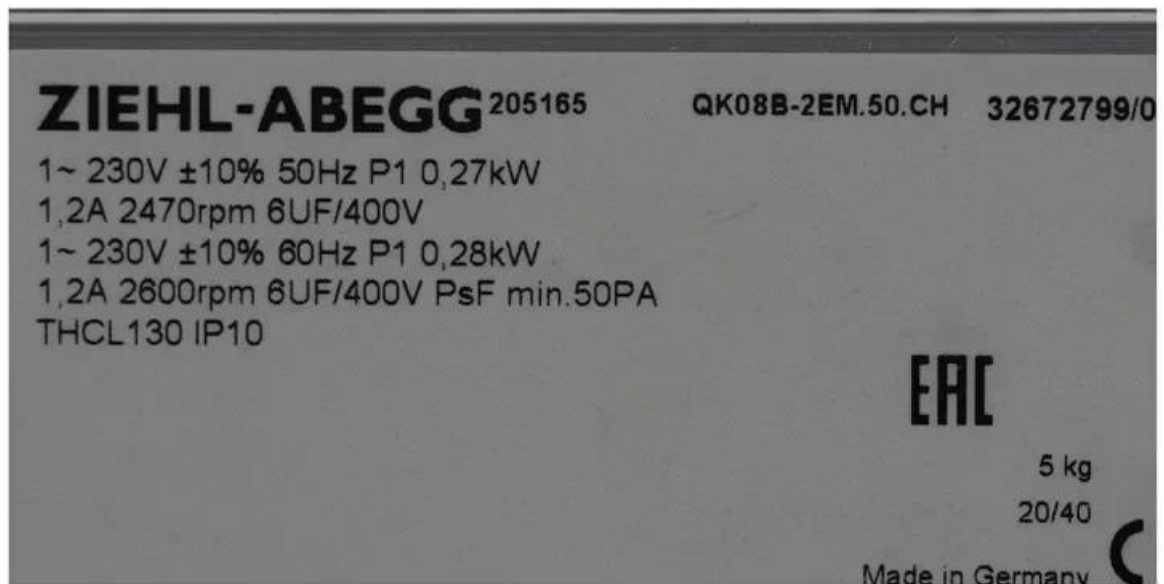
#### Application

The Ziehl-Abegg QK08B-2EM.50.CH cross-flow fan is used in air curtains, fan coil units, floor trench heating systems, commercial refrigeration displays, dry-type transformers, and industrial cooling for wide electronic panels.

## Product Images

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Scan for product details:

