

# FB035-4EK.2C.V4P Ziehl-Abegg 230VAC 350mm IP54 Axial Fan Datasheet



**Brand:** Ziehl-Abegg

**SKU:** [968708154512](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$728.99**

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Product Page:

<https://www.equipspares.com/product/fb035-4ek-2c-v4p-ziehl-abegg-230vac-350mm-ip54-axial-fan>

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## Product Description

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The Ziehl-Abegg FB035-4EK.2C.V4P is a high-efficiency AC axial fan designed for robust industrial ventilation and thermal management applications. Engineered with Ziehl-Abegg's signature external rotor motor technology, this unit features aerodynamically optimized sheet steel blades directly integrated onto the rotor, ensuring superior structural rigidity and rotational balance. The motor design minimizes thermal impedance while delivering consistent torque across the operating range. Built to withstand harsh environments, the fan includes advanced ingress protection against dust and moisture, making it suitable for continuous duty cycles. Its acoustic signature is dampened through precise blade geometry, reducing turbulence-induced noise while maintaining high volumetric flow rates essential for critical cooling systems.

Model Number: FB035-4EK.2C.V4P

Brand: Ziehl-Abegg

Product Type: Axial Fan

Motor Technology: AC External Rotor Motor

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Phase: 1~

Voltage Range: 207 - 253 VAC

Rated Current: 0.73 A

Power Input: 165 W  
Rated Speed: 1360 RPM  
Bearing Type: Ball Bearing  
Max. Air Flow: 1942 CFM (3300 m<sup>3</sup>/h / 55 m<sup>3</sup>/min)  
Max. Static Pressure: 0.28 inH<sub>2</sub>O (70 Pa)  
Impeller Diameter: 350mm  
Number of Blades: 4  
Blade Material: Sheet Steel, Coated Black  
Guard Grille Material: Steel, Phosphated and Coated Black Plastic  
Ingress Protection: IP54  
Insulation Class: F  
Motor Protection: Thermal Overload Protector (TOP) wired internally  
Capacitor: 4 µF / 400 VDB  
Operating Temperature: -25°C to +65°C  
Mounting Orientation: Any  
Weight: 5.2 kg  
Life Expectancy: > 40,000 Hours (L10)  
Certifications: CE, UL, CCC  
Rotation Direction: Clockwise (viewed toward rotor)

The FB035-4EK.2C.V4P is extensively deployed in commercial refrigeration units, air-cooled condensers, and evaporators where reliable heat dissipation is paramount. Facility managers and OEMs frequently utilize the FB035-4EK.2C.V4P in agricultural ventilation systems, heater blowers, and general HVAC air handling units due to its rugged construction and moisture resistance. The fan is also ideal for cooling transformer arrays and industrial machinery cabinets, ensuring that the FB035-4EK.2C.V4P maintains optimal operating temperatures for sensitive electronic components in demanding factory environments.

## Supplemental Images

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