

# PVA080K12R-R18-AB Foxconn 12VDC 80x80x38mm 1.35A Axial Fan Datasheet



**Brand:** Foxconn

**SKU:** [833853834945](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/pva080k12r-r18-ab-foxconn-12vdc-80x80x38mm-1-35a-axial-fan>

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## Product Description

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The Foxconn PVA080K12R-R18-AB is a high-performance DC Axial Fan designed to meet the rigorous thermal demands of enterprise computing and industrial automation. Engineered with a robust 12VDC motor drawing 1.35A, this unit generates significant airflow and static pressure, making it highly effective for high-impedance applications such as dense server racks and power supply units. The 80x80x38mm chassis is manufactured from durable thermoplastic to maintain structural rigidity under high-speed rotation. Featuring a precision bearing system and an optimized impeller design, it balances thermal efficiency with mechanical reliability. This fan is an essential component for maintaining optimal operating temperatures in mission-critical hardware, preventing thermal throttling and extending component lifespan.

Model Number: PVA080K12R-R18-AB

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 1.35 A

Power Consumption: 16.2 W

Rated Speed: 7500 RPM

Max. Air Flow: 88.5 CFM (150.3 m<sup>3</sup>/h)

Max. Static Pressure: 19.2 mmH<sub>2</sub>O (188.2 Pa / 0.75 inH<sub>2</sub>O)

Noise Level: 56.5 dBA

Bearing Type: Hydraulic Bearing

Dimensions: 80 x 80 x 38 mm

Weight: 175 g

Termination: 3-Wire Lead (Tachometer Output)

Wire Configuration: Red (+), Black (-), Yellow (Sensor)

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours at 40°C

Ingress Protection: IP54 (Dust Protected)

Safety Certifications: UL, cUL, TUV, CE

The PVA080K12R-R18-AB is engineered for integration into high-density server chassis and blade servers where back-pressure resistance is critical. Additionally, this unit serves as a robust cooling solution for industrial power supplies and telecommunications rectifiers. By maintaining consistent airflow, the PVA080K12R-R18-AB ensures the reliability of sensitive electronics in 24/7 operational environments like data centers and automated manufacturing floors.

## Supplemental Images

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