

# XY-6025B2H Xiangyu 110-240VAC 60x60x25mm EC Motor Axial Fan Datasheet



**SKU:** [962789124169](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/xy-6025b2h-xiangyu-110-240vac-60x60x25mm-ec-motor-axial-fan>

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## Product Description

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The Xiangyu XY-6025B2H is a specialized EC Axial Fan designed for high-efficiency thermal management in compact industrial environments. Integrating advanced Electronic Commutation (EC) technology, this unit accepts a wide AC voltage input range while delivering the energy efficiency typically associated with DC motors. The 60mm frame houses a precision-engineered impeller optimized for reducing thermal impedance while maintaining significant static pressure. Built with structural rigidity and durable bearing architecture, it ensures reliable operation under continuous duty cycles. This cooling solution is engineered to minimize electromagnetic interference, making it ideal for sensitive electronic enclosures and refrigeration systems requiring consistent airflow and longevity.

Model Number: XY-6025B2H

Brand: Xiangyu

Product Type: EC Axial Fan

Rated Voltage: 110-240 VAC

Voltage Range: 110 - 240 VAC

Frequency: 50/60 Hz

Rated Current: 0.05 A

Power: 3.5 W

Rated Speed: 4800 RPM

Bearing Type: Ball Bearing  
Max. Air Flow: 22.5 CFM (38.2 m<sup>3</sup>/h)  
Max. Static Pressure: 5.2 mmH<sub>2</sub>O (51 Pa)  
Dimensions: 60 x 60 x 25 mm  
Weight: 0.06 kg  
Life Expectancy: 50,000 Hours at 25°C  
Speed Control: Fixed Speed  
Ingress Protection: IP20  
Noise Level: 34 dBA  
Housing Material: Thermoplastic PBT (UL94V-0)  
Termination: 2-Wire Leads  
Operating Temperature: -10°C to +70°C  
Mounting Orientation: Any  
Certifications: CE, RoHS

The XY-6025B2H is engineered for critical cooling applications within the commercial refrigeration and industrial appliance sectors. Specifically suited for maintaining optimal temperatures in refrigerators, freezers, and display cabinets, this unit effectively dissipates heat from condensers and electronic control modules. The XY-6025B2H provides consistent airflow required for continuous operation in beverage coolers and medical cold storage units, ensuring equipment longevity and thermal stability in confined installation spaces.

## Supplemental Images

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