

YBM6028C12F YCCFAN 12VDC 60x60x28mm 2-Wire DC Blower Fan Datasheet



Brand: YCCFAN

SKU: [996894564842](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ybm6028c12f-yccfan-12vdc-60x60x28mm-2-wire-dc-blower-fan>

Product Description

The YCCFAN YBM6028C12F is a precision-engineered DC Blower Fan designed for high-reliability thermal management applications. Utilizing advanced DC brushless motor technology, this unit ensures consistent rotational stability and optimized aerodynamic performance. The architecture incorporates a robust dual ball bearing system, significantly enhancing the mean time between failures (MTBF) and reducing frictional coefficients during operation. Engineered with high-grade thermoplastic housing, the YBM6028C12F maintains structural rigidity under thermal stress, delivering efficient airflow with minimal acoustic resonance. Its compact form factor allows for integration into space-constrained industrial enclosures where directed static pressure is critical for component longevity.

Model Number: YBM6028C12F

Brand: YCCFAN

Product Type: DC Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.18 A

Input Power: 2.16 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 10.5 CFM (17.8 m³/h / 0.29 m³/min)
Max. Static Pressure: 13.97 mmH₂O (137 Pa / 0.55 inH₂O)
Dimensions: 60 x 60 x 28 mm
Weight: 55 g
Life Expectancy: 50,000 Hours @ 40°C
Noise Level: 38.0 dB(A)
Termination: 2-Wire Lead with 2-Pin Connector
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Motor Protection: Impedance Protected; Reverse Polarity
Mounting Orientation: Any

This centrifugal air mover is specifically engineered for applications requiring concentrated airflow and high static pressure. The YBM6028C12F is frequently deployed in server racks and industrial control cabinets to dissipate heat from dense electronic arrays. Additionally, the YBM6028C12F serves effectively in humidifiers and compact medical devices where reliable, continuous operation is paramount. Its directed flow path makes it an ideal solution for spot cooling in CNC machinery and telecommunications equipment.

Supplemental Images

