

# JF0825H1H-R Jamicon 12VDC 80x80x25mm Axial Fan Datasheet



**Brand:** Jamicon

**SKU:** 900021857876

**Category:** Axial & Centrifugal Fans

**Price:** \$7.99

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Product Page: <https://www.equipspares.com/product/jf0825h1h-r-jamicon-12vdc-80x80x25mm-axial-fan>

## Product Description

The Jamicon JF0825H1H-R is a DC Axial Fan engineered for efficient thermal management in compact electronic enclosures and industrial machinery. Utilizing a robust DC brushless motor architecture paired with a precision Dual Ball Bearing system, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance, while the reinforced PBT housing provides essential structural rigidity and flame resistance. This cooling solution is designed to maintain optimal operating temperatures for sensitive components, ensuring system reliability in demanding environments.

Model Number: JF0825H1H-R

Brand: Jamicon

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.19 A

Power: 2.28 W

Rated Speed: 3000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 40.5 CFM (68.8 m<sup>3</sup>/h / 1.15 m<sup>3</sup>/min)

Max. Static Pressure: 3.81 mmH<sub>2</sub>O (37.36 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 80x80x25 mm

Weight: 86 g

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 33.0 dBA

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Direction of Rotation: Counter-clockwise

The JF0825H1H-R is widely utilized in industrial and commercial environments requiring reliable forced-air cooling. Common deployment scenarios include server rack ventilation, power supply unit cooling, and thermal regulation within CNC control panels. Additionally, the JF0825H1H-R serves effectively in telecommunications equipment and medical instrumentation where consistent airflow is critical for system stability and component preservation.

## Supplemental Images

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