

PF60381B1-1000C-S9H Sunon 12V 60x60x38mm DC Axial Fan

SKU: PF60381B1-1000C-S9H

Price: \$21.43

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/pf60381b1-1000c-s9h-sunon-12v-60x60x38mm-dc-axial-fan/>

Product Description

The Sunon PF60381B1-1000C-S9H is an ultra-high-performance 12V DC Axial Fan with dimensions of 60 x 60 x 38 mm, specifically engineered for mission-critical cooling in high-density servers, network storage, and industrial telecom equipment. Driven by a high-efficiency DC motor with reinforced double ball bearings, this heavy-duty unit operates on a 12 VDC supply delivering a Max. Power Consumption of 17.28 W and a Max. Current Draw of 1.44 A at a rated speed of 13200 RPM. This High-performance unit is optimized to overcome extreme system impedance in 1U/2U chassis, providing a Max. Air Flow of 60.0 CFM (102.0 m³/h / 1.70 m³/min) and a Max. Static Pressure of 58.42 mmH₂O (572.9 Pa / 2.30 inH₂O). Featuring a 5-blade high-velocity impeller and rugged UL 94V-0 plastic construction, this 60 mm unit with 4-wire PWM control ensures maximum heat dissipation and high operational reliability in intense thermal environments at the end.

PF60381B1-1000C-S9H Fan Parameters

Model Number: PF60381B1-1000C-S9H

Manufacturer: Sunon

Type: DC Axial Fan

Dimensions: 60 x 60 x 38 mm

Weight: 127 g

Bearing Type: Two Ball Bearing

Nominal Voltage: 12 VDC

Nominal Voltage Range: 6.0 - 13.2 VDC

Max. Current Draw: 1.44 A

Max. Power Consumption: 17.28 W

Rated Speed: 13200 RPM

Max. Air Flow: 60.0 CFM (102.0 m³/h / 1.70 m³/min)
Max. Static Pressure: 58.42 mmH₂O (572.9 Pa / 2.30 inH₂O)
Working Air Flow: 102.0 m³/h
Static Pressure Increase: 572.9 Pa
Noise Level: 61.0 dB(A)
Number of Blades: 5
Connection: 4-Wire (Red +, Black -, Yellow FG, Blue PWM)
Technical Features: PWM Speed Control; Tach output
Motor Protection: Auto Restart; Polarity protection
Insulation Class: "A"
Degree of Protection: IP54
Protection Class: III
Impeller Material: UL 94V-0 Plastic
Housing Material: UL 94V-0 Plastic
Direction of Rotation: Counter-clockwise (viewed from rotor)
Installation Position: Any
Mode: S1
Service Life (L10): 70,000 h (at 40 °C)
Ambient Temperature (Max.): 70 °C
Min. Operating Temperature: -10 °C
Standard Compliance: UL; TUV; CE
Approval: UL; CUL; TUV; CE

Application

The Sunon PF60381B1-1000C-S9H fan is the primary cooling component for 1U/2U server enclosures, high-performance computing (HPC) nodes, and industrial VFD systems requiring extreme static pressure and high-velocity airflow.

Product Images







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