

NF-F12 PWM Noctua 12V DC Axial Fan

SKU: NF-F12 PWM

Price: \$40.37

Categories: Fans

Tags: Noctua

Product Link:

<https://www.electspares.com/product/nf-f12-pwm-noctua-12v-dc-axial-fan/>

Product Description

The Noctua NF-F12 PWM is a 12V DC Axial Fan with dimensions of 120x120x25mm, specifically designed for high static pressure applications like CPU coolers and radiators. It operates within a voltage range of 5 to 13V DC. The fan has a rated current of 0.05A and a power consumption of 0.6W. Its rotational speed is PWM-controlled, ranging from a minimum of 300RPM up to a maximum of 1500RPM. It provides a maximum airflow of 93.4m³/h (54.9 CFM) and a maximum static pressure of 25.5Pa (2.61 mmH₂O), with a maximum noise level of 22.4dB(A). It is equipped with Noctua's proprietary SSO2 (Self-Stabilising Oil-Pressure) bearing for an MTTF (Mean Time To Failure) of over 150,000 hours. The fan is constructed from fibre-glass reinforced Liquid Crystal Polymer (LCP) and features a 4-pin PWM termination, typically including a Low-Noise Adaptor (L.N.A.) and integrated anti-vibration pads.

NF-F12 PWM Fan Parameters

Model: NF-F12 PWM

Manufacturer: Noctua

Type: DC Axial Fan (High Static Pressure Optimized)

Dimensions: 120 x 120 x 25 mm

Nominal Voltage: 12 V DC

Operating Voltage Range: 5 .. 13 V

Rated Current: 0.05 A

Power Consumption: 0.6 W

Max. Rotational Speed: 1500 RPM

Min. Rotational Speed (PWM): 300 RPM

Max. Airflow: 93.4 m³/h (54.9 CFM)

Max. Static Pressure: 25.5 Pa (2.61 mmH₂O)

Max. Noise Level: 22.4 dB(A)

Bearing Type: SSO2 (Self-Stabilising Oil-Pressure Bearing)

Material Frame: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

Material Impeller: Fibre-glass reinforced Liquid Crystal Polymer (LCP)

MTTF: >150,000 h

Termination: 4-pin PWM

Features: PWM Control, Low-Noise Adaptor (L.N.A.), FocusedFlow™ frame, Heptaperfect™ impeller, Integrated Anti-vibration pads

Application: Ideal for CPU coolers, radiators, and other applications that require excellent static pressure performance to push air through restrictive elements.

Additional Information

sort by color: NF-F12 PWM, NF-F12 PWM Color Edition

Product Images







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