

NF-R8 redux-1800PWM Noctua 12V DC Axial Fan

SKU: NF-R8 redux-1800PWM

Price: \$21.31

Categories: Fans

Tags: Noctua

Product Link:

<https://www.electspares.com/product/nf-r8-redux-1800pwm-noctua-12v-dc-axial-fan/>

Product Description

The Noctua NF-R8 redux-1800PWM is an 80x80x25mm 12V DC Axial Fan, part of Noctua's cost-effective redux line. It operates within a voltage range of 6 to 13V DC. The fan has a rated current of 0.08A and a power consumption of 0.96W. Its rotational speed is PWM-controlled, ranging from a minimum of 400RPM up to a maximum of 1800RPM. It provides a maximum airflow of 53.3m³/h (31.4 CFM) and a maximum static pressure of 15.99Pa (1.63 mmH2O), with a maximum noise level of 17.1dB(A). It is equipped with Noctua's reliable SSO-Bearing (Self-Stabilising Oil-Pressure Bearing) technology, ensuring an MTTF (Mean Time To Failure) of over 150,000 hours. The fan is constructed from fibre-glass reinforced PBT and features a 4-pin PWM termination, often including a Low-Noise Adaptor (L.N.A.) for further speed reduction and noise optimization. It also incorporates Smooth Commutation Drive 2 for improved running smoothness.

NF-R8 redux-1800PWM Fan Parameters

Model: NF-R8 redux-1800PWM

Manufacturer: Noctua

Type: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Nominal Voltage: 12 V DC

Operating Voltage Range: 6 .. 13 V

Rated Current: 0.08 A

Power Consumption: 0.96 W

Max. Rotational Speed: 1800 RPM

Min. Rotational Speed (PWM): 400 RPM

Max. Airflow: 53.3 m³/h (31.4 CFM)

Max. Static Pressure: 15.99 Pa (1.63 mmH₂O)

Max. Noise Level: 17.1 dB(A)

Bearing Type: SSO-Bearing

Material Frame: Fibre-glass reinforced PBT

Material Impeller: Fibre-glass reinforced PBT

MTTF: >150,000 h

Termination: 4-pin PWM

Features: PWM Control, Low-Noise Adaptor (L.N.A.), Smooth Commutation Drive 2

Application: Suitable for CPU coolers, PC case ventilation, and other applications requiring a high-quality 80mm fan with PWM speed control and low noise output.

Product Images









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