

Sound-optimised blade geometry and profile:

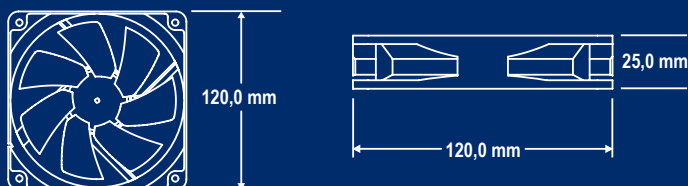
The NF-S12 is the first fan employing a novel rotor which was developed by the Austrian Institute for Heat-Transmission and Fan Technology (Österreichisches Institut für Wärmeübertragung und Ventilatorentechnik, ÖIWW). Thanks to the special optimisation of the blade geometry towards ultra low noise application, the NF-S12 is up to 10% more quiet than current high-end fans at the same flow rate.



Self-stabilising oil-pressure bearing (SSO bearing):

The NF-S12 series are equipped with a magnetically centred, self lubricating oil-pressure bearing that provides a new level of quietness and long-term stability.

Size	120 x 120 x 25 mm	
Bearing	SSO-Bearing	
Blade Geometry	Straight Blade Design	
Rotational Speed (+/- 10%)	800 RPM	1200 RPM
Rotational Speed with U.L.N.A. (+/- 10%)	500 RPM	600 RPM
Airflow	59 m ³ /h	81 m ³ /h
Airflow with U.L.N.A.	34 m ³ /h	41 m ³ /h
Acoustical Noise	8 dB(A)	17 dB(A)
Acoustical Noise with U.L.N.A.	< 5* dB(A)	< 6* dB(A)
Input Power	0.60 W	1.44 W
Input Current	0.05 A	0.12 A
Voltage Range	6 - 13 V	4 - 13 V
MTBF	> 150.000 h	



Item

Noctua NF-12S

Warranty

6 Years

Packaging Type

Retail

Pcs./Colli

40

Scope of Delivery

- Ultra-Low-Noise Adaptor (U.L.N.A.)
- 4 Vibration Compensators
- 3:4-Pin Adaptor
- Fan Screws