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noctua
NF-S12A PWM
Heatsink Radiator

noctua NF-S12A PWM Heatsink Radiator User Manual

Contents

noctua NF-S12A PWM Heatsink Radiator

Dear customer,

Congratulations on choosing the Noctua NF-S12A PWM.

Our fans are renowned for their impeccable quality and outstanding longevity and like all Noctua fans, the NF-S12A PWM features an MTTF rating of more than 150.000 hours that's backed up with our 6-year manufacturer's warranty.

Each Noctua fan is double-checked for flawless operation by our quality control team before it leaves the factory and I'm confident that you will be able to sense some of the research, attention, and care we've put into making this product.
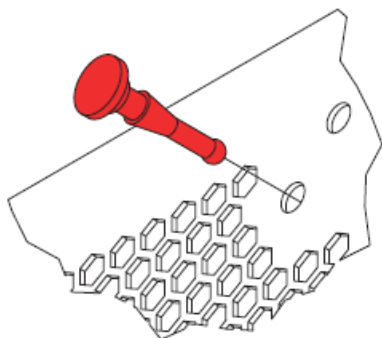
Enjoy your NF-S12A PWM!

Yours sincerely,

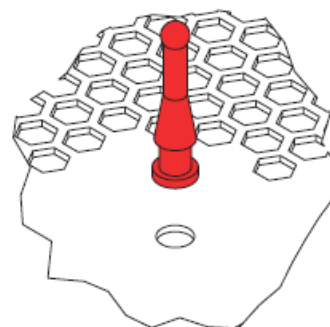Roland Mossig, Noctua CEO

Installation

- When installing the NF-S12A PWM on a heatsink, radiator or other devices that use a custom mechanism for fan installation (fan clips, proprietary screws, etc.) please use this mechanism for installation.
- When installing the NF-S12A PWM as a case fan, you can either use proprietary clip systems (if your case features a clip system for fan installation) or the supplied mounting screws and silicone anti-vibration mounts.
- In order to install the fan using the silicone mounts, please first pull the silicone mounts through the mounting

holes of the case.

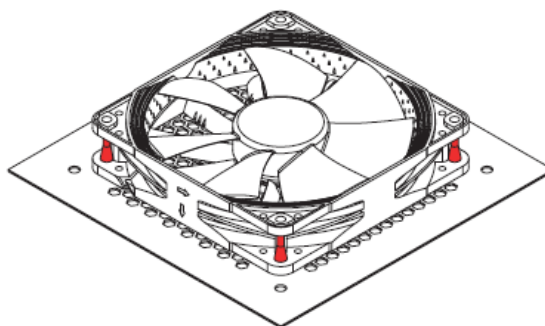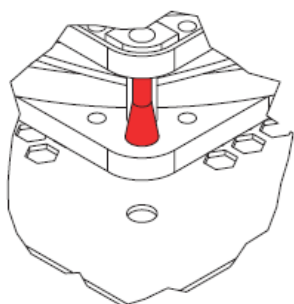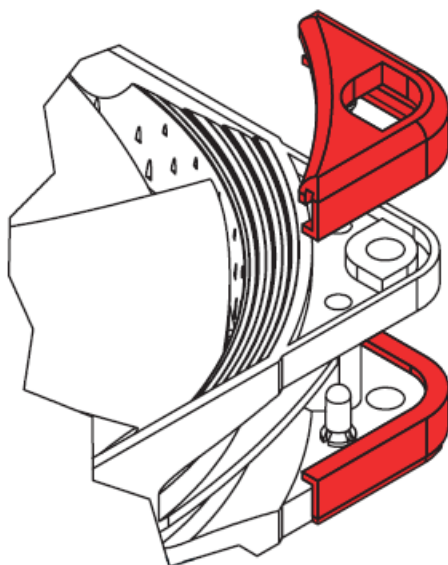

• Then put the fan onto the silicone mounts and pull them through the mounting holes of the fan:

• If necessary, you can easily remove the NF-S12A PWM's integrated anti-vibration pads:

Connection

• The NF-S12A PWM comes with a 4-pin PWM fan connector for fully automatic speed control via your motherboard's 4-pin PWM fan headers. Please note that the fan can also be connected to your motherboard's 3-pin fan headers though. When connected to 3-pin fan headers, the NF-S12A PWM will run at full speed (unless the motherboard supports voltage-based speed control).

• If you're using multiple NF-S12A PWM fans, you can use the supplied y-cable (NA-YC1) to connect several fans to one PWM fan header. This way, your motherboard will set all the connected fans to run at the same speed.

- The NF-S12A PWM features a short 20cm primary cable to help you minimize cable clutter in typical applications. If you need a longer cable, please add the supplied 30cm extension (NA-EC1).
- The NF-S12A PWM comes with a Low-Noise Adaptor (NA-RC7) that allows you to reduce the fan speed from 1200 to 900rpm. You can either use the adaptor to set the fan to a fixed speed of 900rpm (if speed control is deactivated) or to cap the maximum speed to 900rpm during PWM speed control.

Cleaning and Maintenance

- Fans inside computer cases tend to accumulate dust over longer periods of usage. To maintain maximum performance, please clean your fans regularly using a duster, slightly moist tissue or canned air. Please be careful not to use too much force to prevent any damage to the fan. Please don't use a vacuum cleaner as this may apply excessive force to the fan.
- In order to ensure flawless operation over many years of usage, the NF-S12A PWM's premium grade SSO2 bearing is fully sealed to prevent the entering of fine dust particles.
- Please note that the fan is not designed to be taken apart by the user. Removing the impeller from the frame will break the sealing of the bearing and result in a loss of warranty.

Warranty and Support

- Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated. Therefore, we aim to provide the highest possible level of reliability and convenience by offering a warranty period of 6 years and direct, fast, and straightforward RMA service.
- Should you encounter any problems with your NF-S12A PWM, please don't hesitate to contact our support team (**support@noctua.at**).
- Please also consult the FAQ section on our website: **faqs.noctua.at**

For More Information

- This document includes some instructions for installing, running, and cleaning your NF-S12A PWM.
- Should you have any further questions, our support team (**support@noctua.at**) will be glad to assist you at any time.
- Please also have a look at the regularly updated FAQs on our website: **faqs.noctua.at**
- This document is also available in other languages at the following URL: **http://www.noctua.at/manuals**

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance, and thoroughgoing quality.
Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are chosen by more than a hundred thousand satisfied customers around the globe.
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Documents / Resources

noctua NF-S12A PWM Heatsink Radiator [pdf] User Manual
NF-S12A PWM, NF-S12A PWM Heatsink Radiator, Heatsink Radiator, Radiator

References

- **User Manual**