

# CHROMAX

by NOCTUA

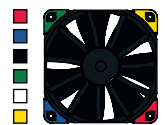
## NOCTUA NF-F12 PWM NOCTUA NF-S12A PWM NOCTUA NF-A14 PWM NOCTUA NF-A15 HS-PWM



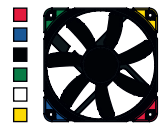
Having received more than 100 awards and recommendations from international hardware websites and magazines, the NF-A15, NF-A14, NF-F12 and NF-S12A are among Noctua's most renowned 140mm and 120mm fans. The chromax.black.swap edition combines their signature quiet cooling performance with an attractive all-black design and a bundle of swappable red, white, blue, green, yellow and black anti-vibration pads that allow the colour-customisation of the fans to match individual build colour schemes.

Topped off with Noctua's trusted premium-grade SS02 bearing, more than 150,000 hours MTTF and a 6 year manufacturer's warranty, the chromax.black.swap fans are the perfect choice for all users who value individual, focused build aesthetics just as much as class-leading quality and performance.

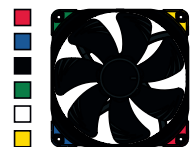
Product name	NF-F12 PWM chromax.black.swap	NF-S12A PWM chromax.black.swap	NF-A14 PWM chromax.black.swap	NF-A15 HS-PWM chromax.black.swap
EAN	9010018100402	9010018100419	9010018100426	9010018100433
UPC	841501110405	841501110412	841501110429	841501110436
Colour	● black	● black	● black	● black
Size	120x120x25 mm	120x120x25 mm	140x140x25 mm (square frame)	140x150x25 mm (round frame)
Mounting hole spacing	105x105 mm	105x105 mm	124.5x124.5 mm	105x105 mm
Connector	4-pin PWM	4-pin PWM	4-pin PWM	4-pin PWM
Rotational speed (+/-10%)	1500 RPM	1200 RPM	1500 RPM	1500 RPM
Min. rotational speed (PWM, +/-20%)	300 RPM	300 RPM	300 RPM	300 RPM
Airflow	93.4 m³/h	107.5 m³/h	140.2 m³/h	140.2 m³/h
Static pressure	2.61 mmH2O	1.19 mmH2O	2.08 mmH2O	2.08 mmH2O
Noise	22.4 dB(A)	17.8 dB(A)	24.6 dB(A)	24.6 dB(A)
Voltage	12 V	12 V	12 V	12 V
Max. input power	0.6 W	1.44W	1.56 W	1.56 W
MTTF	> 150,000 h	> 150,000 h	> 150,000 h	> 150,000 h
Bearing	SS02	SS02	SS02	SS02
Packaging dimensions (HxWxD)	215x185x35 mm	215x185x35 mm	215x185x35 mm	215x185x35 mm
Weight incl. packaging	312 g	286 g	328 g	328 g
Warranty	6 years	6 years	6 years	6 years
Packaging unit	40 pcs	36 pcs	40 pcs	40 pcs
Packaging dimensions / unit (HxWxD)	445x385x380 mm	445x385x380 mm	445x385x380 mm	445x385x380 mm
Weight incl. packaging / unit	13.50 kg	12.00 kg	14.20 kg	14.20 kg
Scope of delivery	NA-AVP1 chromax.anti-vibration pads 4x NA-AVP1 black 4x NA-AVP1 blue 4x NA-AVP1 green 4x NA-AVP1 red 4x NA-AVP1 white 4x NA-AVP1 yellow  4x fan screws	NA-AVP1 chromax.anti-vibration pads 4x NA-AVP1 black 4x NA-AVP1 blue 4x NA-AVP1 green 4x NA-AVP1 red 4x NA-AVP1 white 4x NA-AVP1 yellow  4x fan screws	NA-AVP1 chromax.anti-vibration pads 4x NA-AVP1 black 4x NA-AVP1 blue 4x NA-AVP1 green 4x NA-AVP1 red 4x NA-AVP1 white 4x NA-AVP1 yellow  4x fan screws	NA-AVP3 chromax.anti-vibration pads 8x NA-AVP3 black 8x NA-AVP3 blue 8x NA-AVP3 green 8x NA-AVP3 red 8x NA-AVP3 white 8x NA-AVP3 yellow  4x fan screws



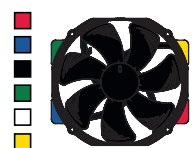
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NF-S12A PWM  
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NF-A14 PWM  
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NF-A15 HS-PWM  
chromax.black.swap

