

# CHROMAX

by NOCTUA

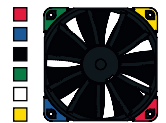
## NOCTUA NF-F12 PWM NOCTUA NF-S12A PWM NOCTUA NF-A14 PWM NOCTUA NF-A15 HS-PWM



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.

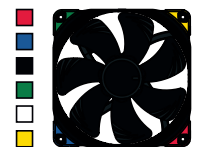
| Product name                        | NF-F12 PWM<br>chromax.black.swap  | NF-S12A PWM<br>chromax.black.swap   | NF-A14 PWM<br>chromax.black.swap  | NF-A15 HS-PWM<br>chromax.black.swap   |
|-------------------------------------|---|---|---|---|
| EAN                                 | 9010018100402   | 9010018100419   | 9010018100426   | 9010018100433   |
| UPC                                 | 841501110405  | 841501110412  | 841501110429  | 841501110436  |
| Colour                              | ● black   | ● black   | ● black   | ● black   |
| Size                                | 120x120x25 mm   | 120x120x25 mm   | 140x140x25 mm<br>(square frame)   | 140x150x25 mm<br>(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<br>chromax.anti-vibration pads<br>4x NA-AVP1 black<br>4x NA-AVP1 blue<br>4x NA-AVP1 green<br>4x NA-AVP1 red<br>4x NA-AVP1 white<br>4x NA-AVP1 yellow<br><br>4x fan screws | NA-AVP1<br>chromax.anti-vibration pads<br>4x NA-AVP1 black<br>4x NA-AVP1 blue<br>4x NA-AVP1 green<br>4x NA-AVP1 red<br>4x NA-AVP1 white<br>4x NA-AVP1 yellow<br><br>4x fan screws | NA-AVP1<br>chromax.anti-vibration pads<br>4x NA-AVP1 black<br>4x NA-AVP1 blue<br>4x NA-AVP1 green<br>4x NA-AVP1 red<br>4x NA-AVP1 white<br>4x NA-AVP1 yellow<br><br>4x fan screws | NA-AVP3<br>chromax.anti-vibration pads<br>8x NA-AVP3 black<br>8x NA-AVP3 blue<br>8x NA-AVP3 green<br>8x NA-AVP3 red<br>8x NA-AVP3 white<br>8x NA-AVP3 yellow<br><br>4x fan screws |



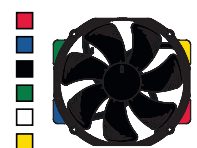
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