PHILIPS



Philips PureProtect Pro 4200 Series Smart Air Purifier

AC4220/12

- Purifies rooms up to 156 m2
- 600 m3/h clean air rate (CADR)
- HEPA & Active Carbon filter
- PM2.5 and Gas sensors

Our best purifier. Quiet and energy efficient.

Effectively captures allergens, pollutants and gases

- Impressive power in smaller size
- 4 layer HEPA filtration traps 99.97% of smallest particles
- Quiet, even at maximum power
- Captures 99.99% of allergens from dust, pollen or pets
- Effectively reduces viruses like H1N1 (flu) from the air
- Traps smells and gas pollutants
- Lower energy consumption than a light bulb
- Intelligently senses and adapts to your indoor air quality
- Control your purifier anywhere with the Philips Air+ app
- Go to sleep and wake up with fresh, clean air
- Long-lasting filter for up to 1 year
- Designed for durability and sustainability
- Night light for good sleep environment

*(1) CADR vs. Philips AC1715
**(2) CADR tested according GB/T18801-2022. Suitable purification area calculated to NRCC-54013 standard.
***(3) Calculated: 48 m3 room, CADR of 600 m3/h
****(4) From the air that passes through the filter, tested to DIN71460 with NaCl aerosol 0.003 µm and 0.3 µm, iUTA
*****(5) vs. predecessor Philips AC4236
******(6) Sound pressure, IEC 60704, at 1.5 m. Normal conversation: 60 dB.
*******(7) From the air that passes through the filter, tested with house dust mite, birch pollen and cat allergens according to SOP 350.003 of the Austrian OFI institute
********(8) Allergic Rhinitis and its Impact on Asthma (ARIA) 2008, written by J. Bousquet and approx. 50 other KOLs, Allergy 2008: 63 (Suppl. 86): 8–160
*********(9) Microbial Reduction Rate Test by Airmid Healthgroup Ltd. with influenza (H1N1) in 28.5 m3 test chamber, using turbo mode for 30-40 min
**********(10) Tested to GB21551.3-2010 with S. Albus, 30 m3 chamber, 1 h, Turbo mode, 3rd-party lab
***********(11) Microbial Reduction Rate Test by Antimikrop with SARS-CoV-2 in 30 m3 test chamber, using turbo mode for 1 h.
************(12) In 1 h, in a 30 m3 room, test gas pollutants TVOC, Toluene and NO2 at external laboratory referring to GB/T 18801-2022.
*************(13) Lifetime of filter depends on the air quality and usage.

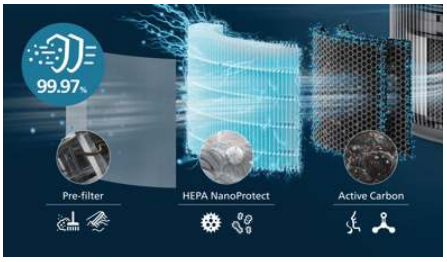
Highlights

Big power in smaller size



Up to 1.5 x more powerful than products of its size (1), thanks to its innovative double-fan design. With powerful filtration of 600 m3/h (CADR), it can easily handle large spaces of up to 156 m2 (2) and can clean a room of 20 m2 in less than 5 minutes (3).

4 layer HEPA filtration



4 layer filtration made of a pre-filter, HEPA NanoProtect and double Active Carbon layer captures 99.97% of particles as small as 0.003 microns (4) – smaller than the smallest known virus!

Quiet, even at maximum power



Experience 35% less noise with SilentWings technology (5). Inspired by the silent flight of owls, our fan-blade design ensures purification as quiet as 15 dB(A). Even at maximum speed, it's quieter than normal conversation. (6)

Captures 99.99% of allergens



All-day protection for allergy sufferers. Removes 99.99% of dust mite, pollen, pet or mould spore allergens (7), known triggers of allergy or hay fever symptoms (8). ECARF-certified allergy-friendly.

Captures viruses from the air



Removes 99.9% of airborne viruses and bacteria. Independently tested to eliminate H1N1 influenza virus (9), Staphylococcus bacteria (10) and 99.99% of SARS-CoV-2, the cause of COVID-19 (11).

Traps smells and gases



The Active Carbon layer captures odours and removes >96% of gas pollutants that hurt indoor air (12): NO2 from industry and traffic pollution, and Toluene or VOCs from house paint, detergents and furniture. Safe and effective: no ions, chemicals or ozone emitted.

Low energy consumption



Enjoy cleaner air while keeping your energy bill low. At maximum power, the air purifier uses only 54 W, less energy than a traditional light bulb.

Smart air quality sensors



AeraSense technology scans the air 1000 x a second to detect pollutants and gases. It reports the air quality in real time on the product display or in the app. In Auto mode, the device intelligently chooses the right speed to respond to each situation.

Smart control with Air+ app



Pair the air purifier with the Air+ app for indoor and outdoor air quality monitoring, remote control and voice commands via Google and Alexa. In the app, select Auto+ mode for AI technology that adapts to your routine while minimising noise and energy use.

Specifications

General Specification

Product Type: Air purifier
Technology: HEPA NanoProtect
Colour: Supernova Silver
Primary Material: Plastic
Secondary Material: Recycled Plastic (>30%)
Internet connectivity: Yes
Wi-Fi range: 2.4 GHz
Voice control: Yes (Google, Alexa)

Technical Specifications

Maximum power: 54 W
Air quality sensors: PM2.5, Gas, Allergens, Temperature, Humidity
Min. sound level: 15 dB(A)
Max. sound level: 51.5 dB(A)

Performance

CADR (Clean air delivery rate) (particle, GB/T): 600 m^3/h
Filter layers: HEPA, Active Carbon, Pre-filter
Particle filtration: 99.97% at 0.003 microns
Max. room size: 156 m2

Energy efficiency

Stand-by power consumption: <2 W
Voltage: 100-240 V
Frequency: 50/60 Hz

Maintenance

Warranty: 2 years

Compatibility

Included Accessories 1: 4-in-1 HEPA filter
Related Accessories 1: FY4200

Country of Origin

Produced In: China

Safety feature

Child lock: Yes

Weight and Dimensions

Product Height: 52 cm
Product Weight: 6.5 kg
Product Width: 28.5 cm
Product Length: 28.5 cm
Package Length: 34.5 cm
Package Width: 34.5 cm
Package Height: 56.3 cm
Package Weight: 8.1 kg

Usability

Cord length: 1.8 m
Scheduler: Yes (in app)
Automatic mode: Yes
Sleep mode: Yes
Speed settings: Yes (5 levels)
Ambient night light: Yes
Air quality feedback: Colour ring, numerical
Interface: Digital (touch)
Recommended filter change: 1 year

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