PHILIPS

## Philips PureProtect 3200 Series Smart Air Purifier

AC3220/10

- Purifies rooms up to 135 m2
- 520 m3/h clean air rate (CADR)
- HEPA & Active Carbon filter
- 50% quieter purification

# Big purifying power. Incredibly quiet.

## Effectively captures allergens and pollutants

- Impressive power in smaller size
- 3 layer HEPA filtration traps 99.97% of the 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

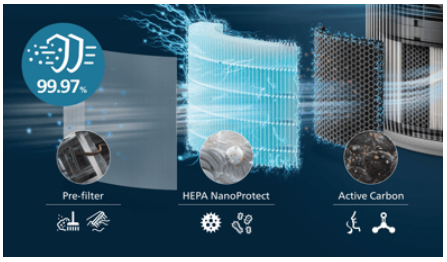
*(1) vs. predecessor Philips AC3033 (CADR and noise)
**(2) CADR tested according GB/T18801-2022. Suitable purification area calculated to NRCC-54013 standard.
***(3) Calculated: 48 m3 room, CADR of 520 m3/h
****(4) From the air that passes through the filter, tested to DIN71460 with NaCl aerosol 0.003 µm and 0.3 µm, iUTA
*****(5) Sound pressure, IEC 60704, at 1.5 m. Normal conversation: 60 dB.
******(6) 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
*******(7) 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
********(8) Microbial Reduction Rate Test by Airmid Healthgroup Ltd. with influenza (H1N1) in 28.5 m3 test chamber, using turbo mode for 30-40 min
*********(9) Tested to GB21551.3-2010 with S. Albus, 30 m3 chamber, 1 h, Turbo mode, third-party lab
**********(10) Microbial Reduction Rate Test by Antimikrop with SARS-CoV-2 in 30 m3 test chamber, using turbo mode for 1 h.
***********(11) External lab test to GB/T 18801-2022 with TVOC, Toluene and NO2: 30 m3 room, Turbo mode for 1 h.
************(12) Lifetime of filter depends on the air quality and usage.

# Highlights

## Big power in smaller size

Smaller size, bigger cleaning speed (1), thanks to its innovative double-fan design. With powerful filtration of 520 m3/h (CADR), it can easily handle large spaces of up to 135 m2 (2) and can clean a 20 m2 room in less than 6 minutes (3).

## 3 layer HEPA filtration




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

## Quiet, even at maximum power

Experience 50% less noise with SilentWings technology (1). 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 a normal conversation. (5)

## Captures 99.99% of allergens

All-day protection for allergy sufferers. Removes 99.99% of dust-mite, pollen, pet or mould-spore allergens (6), known triggers of allergy or hay fever symptoms (7). ECARF certified allergy-friendly.

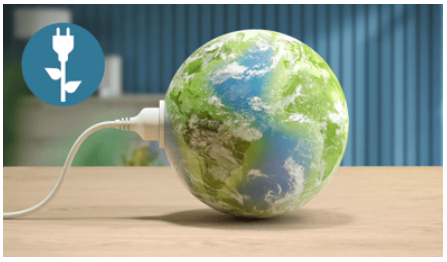
## Captures viruses from the air

Removes 99.9% of airborne viruses and bacteria. Independently tested to eliminate H1N1 influenza virus (8), Staphylococcus bacteria (9) and 99.99% of SARS-CoV-2, the cause of COVID-19 (10).

## Traps smells and gases

The Active Carbon layer captures odours and removes >95% of gas pollutants that hurt indoor air (11): NO2 from industry and traffic pollution, 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 36 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 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: Silver, Arctic White
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: 36 W
Air quality sensors: PM2.5, Allergens
Min. sound level: 15 dB(A)
Max. sound level: 47.5 dB(A)

## Performance

CADR (Clean air delivery rate) (particle, GB/T): 520 $m^3$/h
Filter layers: HEPA, Active Carbon
Particle filtration: 99.97% at 0.003 microns
Max. room size: 135 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: 3-in-1 HEPA filter
Related Accessories 1: FY3200

## Country of Origin

Produced In: China

## Safety feature

Child lock: Yes

## Weight and Dimensions

Product Height: 52 cm
Product Weight: 6.2 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: 7.8 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

Publication Date
2025-11-29
Version: 126.126.0
EAN: 8720389039645
www.phillips.com

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