

PHILIPS

Air Purifier

Series 4000i

Purifies rooms up to 158 m²

610 m³/h clean air rate (CADR)

HEPA & Active carbon filters

Connected with Clean Home+ app



AC4231/10



Healthier air for your organization

With 99.9% virus and aerosols removal (1)

Improve indoor air quality for your employees or customers. Philips air purifiers effectively remove up to 99.9% of viruses, aerosols or pollutants from the air (1), to keep our shared spaces clean and safe. Also tested for coronavirus (2).

Superior performance

- Thoroughly tested for quality you can trust
- Smart sensors for intelligent purification
- Filters 99.97% particles as small as 0.003 microns
- Fast purification suitable for spaces of up to 158 m²
- Independently tested to effectively remove aerosols

Seamless operation

- Ultra-quiet operation for minimum disturbance
- Low energy consumption

Effortless control

- Auto mode and 4x manual speed settings
- Air quality display
- Track and control with the app
- Smart filter status indicator

Highlights

Fast purification for 158 m²



360 degree airflow circulation effectively covers spaces up to 158 m² and distributes clean air in every corner of the room. This boosts clean air delivery to 610 m³/hr CADR. It cleans 20m² in only 5min (3).

Tested for removal of aerosols



One form of virus transmission is through suspended aerosols. An independent German study showed that Philips air purifiers cleaned 90% of aerosols in a 30m² classroom of 27 students in just 30 minutes (4).

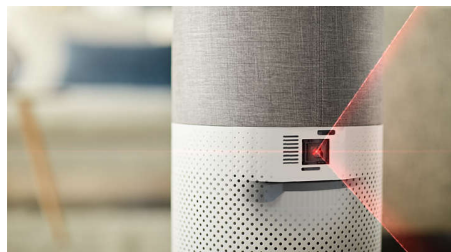
99.97% particle removal



3-layer filtration with NanoProtect HEPA, active carbon filter and pre-filter captures 99.97% of ultra-fine particles as small as 0.003 microns (5). This means you are safe

from PM_{2.5}, bacteria, pollen, dust or pet dander. Certified by the European Centre for Allergy Research Foundation.

Intelligent sensors



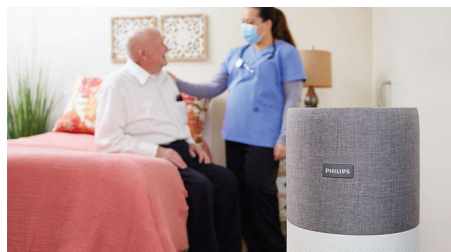
Scans the air 1000x a second to detect ultra fine-particles and gas. Reports the air quality in real time, and intelligently chooses the right speed for your home (in auto mode).

Quality you can trust



Philips purifiers go through 170 mandatory and strict inspection tests before releasing from factory. They are subjected to rigorous life and durability tests, for continuous operation 24/7.

Ultra-quiet operation



In Sleep mode, display lights are dimmed, and the purifier operates in near silence.

Low energy consumption



Thanks to its energy efficient design, the air purifier runs at max. 60 W power. This is equivalent to one standard light bulb.

Air quality display



See the real-time air quality in your home at a glance. The display shows the level of allergens and PM_{2.5} in numerical form, as well as with an intuitive color ring.

Track and control with the app



Control your air purifier and check the air quality in your home anytime, anywhere with the Clean Home+ app. Setting-up air purifier requires a WPA2 or 3 network. Enterprise networks are not supported.

Specifications

Energy efficiency

Max. power consumption: 60 W
Stand-by power consumption: <2 W
Voltage: 230 V

Speed settings

Automatic mode: Variable
Sleep mode: CADR 70 m³/h, sound 30 dB
Speed 1: CADR 180 m³/h, sound 38 dB
Speed 2: CADR 300 m³/h, sound 49 dB
Turbo mode: CADR 610 m³/h, sound 70 dB

Maintenance

Recommended filter change: 3 years (6)
Replacement filter: FY4440/30
Service: 2-year worldwide guarantee

Connectivity

App, connects via Wi-Fi: Clean Home+
Smartphone compatibility: iPhone and Android devices
Supported networks: 2.4 Ghz, WPA2 & 3 networks

Weight and dimensions

Weight: 8.9 kg
Dimensions (H*W*L): 705*306*306
Color(s): White, grey

Performance

CADR (Particle, GB/T): 610 m³/h
Room size (NRCC): Up to 158m²
Filtration: HEPA, Active Carbon, Prefilter

Particle filtration: 99.97% at 0.003 microns
Allergens filtration: 99.99%
Virus & aerosol filtration: 99.9%

Usability

Min. sound level (Sleep mode): 30 dB
Max. sound level (Turbo mode): 70 dB
Automatic mode
Cord length: 1.8 m
Sleep mode
Manual speed settings: 4 (Sleep, 1, 2, Turbo)
Air quality feedback: Color ring, numerical
Auto-ambient light



* (1) Microbial Reduction Rate Test conducted at Airmid Health group Ltd. tested in a 28.5m³ test chamber contaminated with airborne influenza A(H1N1). An air purifier by itself does not protect against Covid-19, but can be part of plan to protect yourself and your family (US Environmental Protection)

* (2) Microbial Reduction Rate Test at external lab, in a test chamber contaminated with avian coronavirus (IBV) aerosols, with Philips HEPA NanoProtect filter.

* (3) Calculated using its Clean Air Delivery Rate (CADR) of 520 m³/h, assuming 2.4m height of room.

* (4) Testing mobile air purifiers in a school classroom: Reducing the airborne transmission risk for SARS-CoV-2 Joachim Curtius, Manuel Granzin, Jann Schrod medRxiv 2020.10.02.20205633

* (5) From the air that passes through the filter, tested with NaCl aerosol by iUTA according to DIN71460-1.

* (6) The recommended service life for the device is based on a theoretical calculation of the average annual regional values of harmful air particles outdoors and daily use of the air purifier for 16 hours in automatic mode.