

PHILIPS

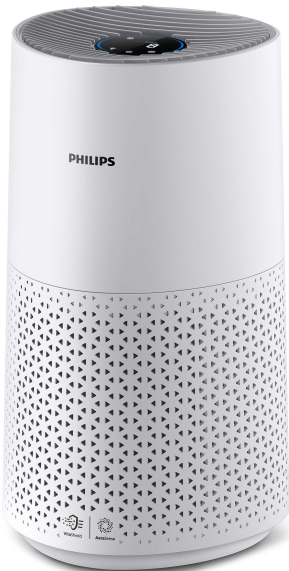
Air Purifier for
Medium Rooms

1000 Series

Purifies rooms up to 78 m²

300 m³/h clean air rate (CADR)

HEPA & Active carbon filter



AC1711/90

PHILIPS

Purifies the air in less than 10 min (1) 99.9% virus, allergen & pollutant removal (3,4,7)

With just one push of a button, the air purifier filters the invisible viruses, allergens or pollutants in your home to keep it clean and safe. It purifies quickly and effectively, thanks to its clean air delivery rate (CADR) of 300 m³/h.

Seamless operation

- Ultra-quiet and no light disturbance

Superior performance

- Fast purification suitable for spaces of up to 78 m²
- Filters 99.97% particles as small as 0.003 microns
- Removes up to 99.9% of viruses and aerosols from the air
- Professional grade sensor for intelligent purification
- Tested and certified for quality you can trust

Effortless control

- Smart filter replacement indicator
- Easy maintenance

Seamless operation

- Low energy consumption

Effortless control

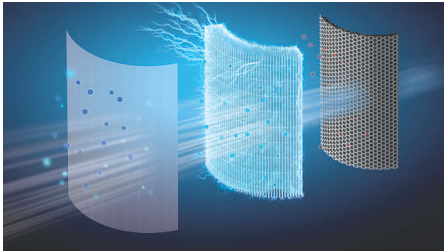
Highlights

Fast purification for 78 m²



Powerful airflow circulation effectively covers spaces up to 78 m and distributes ultra clean air in every corner of the room. This boosts clean air delivery to 300 m/hr CADR, purifying 20 m in only 10 min. (1)

99.97% particle removal



A 3-layer filtration with NanoProtect HEPA, active carbon and pre-filter makes sure you are protected from bacteria, pollen, dust, PM2.5, pet dander and gases. The NanoProtect HEPA technology not only captures pollutants, but it uses an electrostatic charge to attract them, enabling it to purify the air faster than a HEPA H13 filter that is medically used. (5)

Up to 99.9% virus removal



The VitaShield technology captures aerosols and particles smaller than the smallest known Coronavirus (6). Virtually nothing escapes from VitaShield - It deactivates viruses and traps them inside. Tested independently by Airmid health-group to remove up to 99.9% of viruses and aerosols from the air (2). Also, tested for corona virus (7).

Scan and visualize



The professional grade AeraSense sensor accurately scans the air 1000x a second to detect harmful pollutants and intelligently chooses the right speed for every environment. It displays the air quality in real time, showing level of allergens and PM2.5 in numerical form, as well as with an intuitive color ring.

Quality you can trust



Philips purifiers go through 170 mandatory and strict inspection tests before they are released from our factory and are certified by the European Centre for Allergy Research Foundation. They are subjected to rigorous life and durability tests for continuous operation (24/7).

Ultra-quiet & no disturbance



In sleep mode, the purifier operates in near silence for clean air while you sleep. Both air quality index and the light on the UI can be dimmed or turned off to avoid any light disturbance.

Low energy consumption



Thanks to its energy efficient design, the air purifier runs at max. 27 W power. This is equivalent to an incandescent light bulb. It is compliant with a highly efficient grade of strict global standard.

Smart filter indicator



The air purifier accurately calculates filter lifetime based on pollution level and operation time. It notifies you when the filter needs replacement, for easy maintenance.

Easy maintenance



The air purifier is designed for easier cleaning, using the compact and simple cylindrical plastic body. It uses a 3in1 integrated filter so no need to change each filter separately.

Specifications

Weight and dimensions

Dimension of packaging (LxWxH):

326*326*535 mm

Product dimensions (W x D x H):

273*273*486 mm

Weight incl. packaging: 5.4 kg

Color(s): White, Light grey

Performance

CADR (Particle, GB/T): 300 m³/h m³/h

Room size (NRCC): Up to 78 m²

Filtration: HEPA, Active Carbon, Pre-filter

Air quality sensor(s): PM2.5 particle

Particle filtration: 99.97% at 0.003 microns

Allergens filtration: 99.99%

Virus & aerosol filtration: <99.9%

Usability

Min. sound level (Sleep mode): 18 dB

Max. sound level (Turbo mode): 50 dB

Automatic mode

Cord length: 1.8 m

Sleep mode

Manual speed settings: 4 (Sleep, Speed 1, 2,

Turbo)

Air quality feedback: Color, Numerical (PM2.5, IAQ)

Auto-ambient light

Energy efficiency

Max. power consumption: 27 W

Stand-by power consumption: <=0.2 W

Voltage: 100-240 V

Maintenance

Recommended filter change: 12 months (8)

Replacement filter: FY1700/30

Service: 2-year worldwide guarantee

Weight and dimensions

Weight of product: 4.1 kg



* (1) From the air that passed through the filter, it is a theoretical time for one-time cleaning calculated by dividing the room size of 48m³ by CADR 300m³/h (assuming the room is 20m² in floor area and 2.4 m in height).

* (2) Microbial Reduction Rate Test conducted at Airmid Health group Ltd. tested in a 28.5m³ test chamber contaminated with airborne influenza A(H1N1), in Turbo mode after 10-20 mins. An air purifier by itself does not protect against Covid-19, but can be part of the plan to protect yourself and your family (US Environmental Protection Agency)

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

* (4) From the air that passes through the filter, tested with birch pollen dust on filter media according to SOP 350.003 of the Austrian OFI institute

* (5) NanoProtect HEPA filter material provides lower air flow resistance than the material from a HEPA H13 filter, enabling a Philips air purifier with NanoProtect to deliver a higher Clean Air Delivery Rate (CADR) than with an equivalently-sized certified HEPA H13 filter (Test conducted by Philips Mar 2016).

* (6) From the air that passes through the filter, tested with NaCl aerosol by iUTA according to DIN71460-1. Supporting literature for the size of Coronaviruses have a size of approx. 0.08 - 0.22 micron :MacLachlan, Dubovi, Fenner's Veterinary Virology (5th Ed.), Academic Press, 2017, Ch. 24 Pages 435-461

* (7) Microbial Reduction Rate Test at external lab, in a test chamber contaminated with human coronavirus (HCoV-229E) aerosols, with Philips HEPA NanoProtect filter.

* (8) Recommended lifetime is calculated based on the Philips users' average usage time and the WHO urban outdoor pollution level data. Actual lifetime is impacted by usage environments and frequencies.