

PHILIPS

Air Purifier and Humidifier

3000i Series

Purifies rooms up to 80 m²

310 m³/h clean air rate (CADR)

600 ml/h humidification rate

Connected with CleanHome+ app



AC3829/60



Breathe the difference

Removes 99.97% of particles down to 0.003 microns

Visualise and control your air - anywhere, anytime. This 2-in-1 air purifier and humidifier balances its two functions to perform in rooms up to 80 m² against allergens, dry air discomfort, harmful gases, particles, bacteria and viruses.

Superior performance

- Up to 310 m³/h CADR (1): purifies rooms up to 80 m² (2)
- HEPA filter removes 99.97% of particles of 0.003 μm (3)
- Removes up to 99.9% of viruses and aerosols from the air
- NanoCloud technology: hygienic humidification without fuss
- Automatic humidification up to 600 ml/h with 4 settings

Seamless operation

- AeraSense accurately senses and displays air quality
- Thoroughly tested for quality you can trust
- Sleep mode with ultra-quiet operation
- 2-in-1 and purifier-only settings with auto and manual modes

Effortless control

- Track and control with the app
- Low energy consumption

Highlights

Advanced Purification



The key performance indicator of a purifier is CADR (Clean Air Delivery Rate): the clean airflow generated in 1 hour. The higher CADR, the faster the cleaning. The dirtier the room, the higher the CADR must be. This purifier has a CADR of 310 m³/h (1) and it can effectively purify a whole room of up to 80 m² (2).

99.97% particle removal



3-layer filtration with a NanoProtect HEPA filter, an active carbon filter and a pre-filter captures 99.97% of ultra-fine particles as small as 0.003 microns (3), so you are safe from PM_{2.5}, bacteria (4), pollen, dust, pet dander, gas and other pollutants.

Up to 99.9% virus removal



Captures aerosols including those which may contain respiratory viruses. Tested independently by Airmid Healthgroup to remove up to 99.9% of viruses and aerosols from the air (5).

NanoCloud Technology



NanoCloud technology humidifies the air quietly and effectively with up to 99% less bacteria (6). NanoCloud works by natural evaporation to create an invisible mist of nano-sized molecules of pure water vapour. Due to their fine size, they humidify the air evenly and it's extremely difficult for bacteria and minerals to attach to them, preventing bacteria spread and white dust in your room (7).

Automatic humidification

Quickly humidifies the air with up to 600 ml/h (8) of water humidification rate. It senses the humidity level in the air and automatically humidifies to the desired level. Choose 40%, 50%, 60% or 70% as your target humidity level, and the humidifier will automatically turn on or off to reach the desired humidity level.

AeraSense sensors



AeraSense sensor scans the air 1000 x a second and displays 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 colour ring.

Quality you can trust



Philips purifiers go through 170 mandatory and strict inspection tests before being released from the 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 for clean air while you sleep. Certified by Quiet Mark.

Automatic and manual modes



Switch between 2-in-1 and purifier-only modes at the touch of a button. In automatic mode, the sensors intelligently choose the right speed for your home. Run your purifier in any of the automatic modes (general or allergen), sleep mode or choose from 4 x speed levels: speed 1, 2, 3 and Turbo – to be fully in control of the airflow and sound level.

Specifications

Performance

CADR (Particle, GB/T) (1): 310 m³/h
 Humidity rate (8): 600 ml/h
 Purification room size (2): Up to 80 m²
 Humidification room size (9): Up to 80 m²
 Filtration: HEPA, Active Carbon, Prefilter
 Particle filtration (3): 99.97% at 0.003 microns
 Allergen filtration (10): 99.97%
 Virus and aerosol filtration (5): 99.9%
 NanoCloud technology (6): Up to 99% less bacteria
 VitaShield technology

Air quality display

AeraSense technology
 Particle level (PM2.5)
 Indoor Allergens Index (IAI)
 Humidity level
 Air quality feedback: Colour ring, numerical

Usability

Automatic modes: General and Allergen
 Sleep mode
 Manual speed settings: 1, 2, 3, Turbo
 Humidity settings: 40%, 50%, 60%, 70%
 Cord length: 1.8 m
 Mobility: 4-wheel
 Child lock
 Timer: 1-12 hour(s)

Energy efficiency

Max. power consumption: 45 W
 Stand-by power consumption: < 2 W
 Voltage: 220-240 V

Connectivity

App, connects via Wi-Fi: Clean Home+
 Smartphone compatibility: iPhone and Android devices

Weight and dimensions

Weight of product: 11.45 kg
 Weight incl. packaging: 13.59 kg
 Dimension of product (L x W x H): 416*280*679 mm
 Dimension of packaging (L x W x H): 485*389*803 mm
 Colour(s): White
 Water tank: 4 l

Replacement filters

NanoProtect HEPA: FY2422 - Up to 24 months
 Active Carbon: FY2420 - Up to 12 months
 Humidifier Wick: FY3435 - Up to 6 months

Service

2-year worldwide guarantee



* (1) CADR: tested by third party according to GB/T 18801-2015.
 * (2) Calculated according to NRCC-54013 standard using cigarette smoke CADR tested according to GB/T18801-2015.
 * (3) Tested on the filter media with NaCl aerosol, classified at 3 nm according to DIN71460-1, in 2017 by a third-party test lab.
 * (4) Tested by a third-party lab in a 30 m³ chamber according to GB21551.3-2010, (Staphylococcus Albus 8032 as testing bacteria). Tested in MAX mode after 60 minutes.
 * (5) Microbial Reduction Rate Test at Airmid Health group Ltd., result after 10-20 minutes, with appliance in max mode, in a 28.5 m³ test chamber contaminated with airborne influenza A (H1N1).
 * (5) An air purifier by itself does not protect against Covid-19, but can be part of your plan to protect yourself and your family (US Environmental Protection Agency).
 * (6) Compared to standard ultrasonic humidifier modules that do not contain additional technology to reduce bacteria-spreading, tested by an independent lab
 * (7) Compared to ultrasonic humidifying technology. Tested for deposition of minerals on furniture. It was tested by a third-party laboratory over a period of 3 hours according to DIN 44973, IUTA e.V.
 * (8) Tested by GB/T 23332 in Philips internal climate chamber, 2017. Chamber size 25 m², initial temperature of 20±2 °C and relative humidity of 30±3% RH
 * (9) Calculated using AHAM HU-1-2016 clause 7.3 based upon the humidification performance tested according to GB/T 23332-2018
 * (10) Tested by third-party laboratory according to US standard Modified 42 CFR part 84