



Philips Series 4500i
Air Purifier

Remove 99.97% particles@3nm
PM2.5, allergens & gas display
Auto, Sleep mode & app



AC4550

Healthier air, always

Decorate your home with clean healthy air

Philips' new air purifier Series 4500i is designed to complement your home's design with the efficient and stylish solution to reduce PM2.5, harmful gases and allergens in your home.

Intelligent purification for healthy air, always

- Smart sensing & intelligent auto purification

Fast and effective purification

- Fast purification result
- Superior particle removal performance
- Superior gas removal performance
- Certified Allergy friendly

See and control your air anytime, anywhere

- Real time air quality feedback
- Simple 4-color display ring for easy monitoring
- Track, monitor and control with your smartphone app

Superior design & user friendly

- Classic minimalist product design
- Ultra-quiet operation

PHILIPS

Air Purifier

Remove 99.97% particles@3nm PM2.5, allergens & gas display, Auto, Sleep mode & app

AC4550/50R1

Highlights

Smart sensor & auto modes



A smart sensor detects even the slightest change in air and automatically adjusts fan speed for optimal purification performance. The purifier offers 4 specially designed auto modes for you to optimize your air according to your needs: general, pollution, gas and allergen, creating a safe haven for you in your house.

Fast purification result

With a particle CADR (clean air delivery rate) of 400m³/hour, it cleans the air in a room of 20 m² in less than 8 minutes*.

Superior particle removal



Powered by the upgraded VitaShield technology, the air purifier efficiently removes 99.97% of particles as small as 0.003um (800 times smaller than PM2.5), including PM2.5, viruses, bacteria, pollen, dust, and pet dander*.

It makes sure you breathe healthy air even during heavy pollution season.

Superior gas removal



VitaShield

Equipped with upgraded VitaShield technology, the air purifier effectively reduces harmful gases such as formaldehyde, VOCs, and odors and maintains them at safe levels*. Activated carbon nano-sized pores form an absorption surface area the size of 28 football fields for a high efficiency and a lifetime of TVOCs purification*.

Certified Allergy friendly



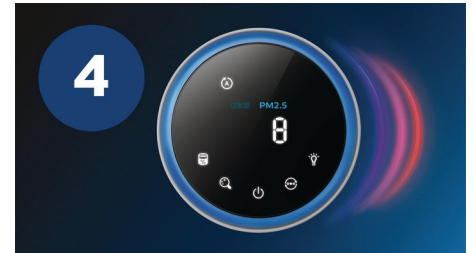
With a specially designed, extra-sensitive allergen mode it effectively detects and reduces allergens like pollen. Certified Allergy-friendly by ECARF (European Center for Allergy Research Foundation).

Real time air quality feedback



Real-time PM2.5 numerical display, indoor harmful gases & allergen index, making invisible air quality visible, to make sure you always stay in control – Powered by: PM2.5 sensor benchmarked professional grade sensor, provide real time feedback of your indoor air quality. Accurate and advanced gas sensor that can detect harmful gases and display the level of potential harmful gases.

Air quality in 4 colors



The color ring provides an additional visual cue ranging from blue (good) to red (poor) to present the indoor air quality.

Specifications

Performance

- Room size: 28-48 m²
- CADR (Particle): 400* m³/h
- 0.3µm particle removal: 99.97 %
- Ultra fine particle removal: as small as 3* nm
- Filters out H1N1 Virus: 99.9* %
- Filters out bacteria: 99.9* %
- Particle CCM: P4
- Recommended filter life time: 4800 hour(s)
- Sound Power: 34-64 dB(A)

Features

- VitaShield
- AeraSense technology
- Air Quality feedback: Numerical
- Gas sensor
- PM2.5 sensor
- Modes: 4 auto modes
- Fan speed: Sleep, 1, 2, Turbo
- Child lock
- Healthy air lock & Alert
- Light control: On/Off
- Motor: DC

Design and finishing

- Color(s): White
- Color of control panel: Light Silver
- Control panel type: Touch panel

Technical specifications

- Voltage: 220 V

- Frequency: 50/60 Hz
- Cord length: 1.85 m
- Power: 65 W

Weight and dimensions

- Weight of product: 7.00 kg
- Weight incl. packaging: 11.04 kg
- Dimension of product (LxWxH): 358 x 253 x 672
- Dimension of packaging (LxVxH): 463 x 313 x 770 mm

Logistic data

- 12NC code: 883455050010
- EAN F-box: 8710103892656

Replacement

- AC filter: FY3432/10
- HEPA filter: FY3433/10

Country of origin

- Made in: China

Sustainability

- Packaging: > 90% recycled materials
- Stand-by power consumption: < 2 W
- User manual: 100% recycled paper

Service

- 2-year worldwide guarantee



Issue date 2020-12-21

Version: 1.0.1

12 NC: 0000 041 04819
EAN: 87 10895 69910 5

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* It is a theoretical time for one-time cleaning calculated by dividing its CADR 400m³/h by the room size of 48 m³ (assuming the room is 20 m² in floor area and 2.4 m in height.)

* Tested by third party according to GB/T 18801-2015.

* The filter was tested with NaCl aerosol by iUTA according to DIN71460-1.

* Microbial Reduction Rate Test conducted at Airmid Healthgroup Ltd. tested in a 28.5m³ test chamber contaminated with airborne influenza A(H1N1).

* Activated carbon media measured by 3rd party lab, shows most of the pores size are 1nm – 2nm, and AC surface area of the activated carbon is 1070m²/g. Filters' total Active Carbon surface area of 1 football field size is based on int'l standard football field size

* Tested by GMT in 30m³ chamber according to GB21551.3-2010, (Staphylococcus albsp) 8032 as testing bacteria.