PHILIPS

Air Purifier

Series 4500i

Removes 99.9% particles@3nm

Room size: 28-48m²

PM2.5&Gas&Allergen feedback



AC4558/50

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

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



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.

Connected to app



Using the app you can control your air purifier anywhere, anytime. Check the air quality in the app to get reassurance wherever you are, and to compare your indoor air quality with the outdoor air quality. You can also use the app to change the fan speed and to check the filter status.

Classic minimalist design

Classic minimalist product design for trendy homes, easily fits any home interior style. Stay healthy, stay in style.

Ultra-quiet operation



In sleep mode, display lights are dimmed and the purifier operates in near silence for clean air while you sleep — certificated by Quietmark.

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: Champagne
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: 7.10 kg
Weight incl. packaging: 11.10 kg
Dimension of product (LxWxH): 358 x 253 x 672 mm
Dimension of packaging (LxWxH): 463 x 313 x 770 mm

Logistic data
12NC code: 883455850010
EAN F-box: 8710103892663

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

* 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.

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