



**Philips Series 4000i  
Air Purifier**

Removes 99.9% particles@3nm  
Room size: 28-48m<sup>2</sup>  
PM2.5&Gas&Allergen feedback



**AC4550/00**

## Healthier air, always

Decorate your home with clean healthy air

Philips' new air purifier Series 4000i 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

Removes 99.9% particles@3nm Room size: 28-48m<sup>2</sup>, PM2.5&Gas&Allergen feedback

AC4550/00

# Highlights

### Smart sensing



A smart sensor detects even the slightest change in air and automatically adjusts fan speed for optimal purification performance.

### Intelligent auto purification



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 400m<sup>3</sup>/hour, it cleans the air in a room of 20 m<sup>2</sup> 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 30 football fields for a high efficiency and a lifetime of TVOCs purification\* with a formaldehyde at CADR 270m<sup>3</sup>/hr.

### 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 m<sup>2</sup>
- CADR (Particle): 400\* m<sup>3</sup>/h
- CADR (Formaldehyde): 270\* m<sup>3</sup>/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
- Formaldehyde CCM: F4
- Recommended filter life time: 12 months
- 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: 1.6 m
- Power: 65 W

## Weight and dimensions

- Weight of product: 9.6 kg
- Weight incl. packaging: 10.57 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: 8834 550 00710
- EAN F-box: 8710103878377

## Replacement

- Integrated filter: FY4152

## Country of origin

- Made in: China

## Sustainability

- Packaging: > 90% recycled materials
- Stand-by power consumption: <0.5 W
- User manual: 100% recycled paper

## Service

- 2-year worldwide guarantee



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\* It is a theoretical time for one-time cleaning calculated by dividing its CADR 400m<sup>3</sup>/h by the room size of 48 m<sup>3</sup> (assuming the room is 20 m<sup>2</sup> 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 28.5m<sup>3</sup> 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 1070m<sup>2</sup>/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 30m<sup>3</sup> chamber according to GB21551.3-2010, (Staphylococcus albsp) 8032 as testing bacteria.