

# PHILIPS

## Air Purifier Series 6000

Room size: up to 169 m<sup>2</sup>

AeraSense technology

Removes 99.97% 0.3µm particles

Removes 99.9% bacteria & H1N1\*



AC6608/90



## Healthier Air, Always

### Double performance, double reassurance

Equipped with VitaShield IPS, TwinForce aerodynamics design and class leading Aerasense real time numerical air quality sensing technology, it delivers superior purification efficiency against pollution, common allergens, TVOC and odor.

#### Always

- Sleep mode for your comfortable night of sleep
- Healthy air protect for smarter filter life management
- Real time PM2.5 feedback and 4 color AQI light

#### Simplicity

- 4 settings to give you ample choice in fan speed.
- 3 options for lights on/off setting to meet your needs
- Intuitive design for easy activation on AUTO
- Child Lock

#### Healthier Air

- NanoProtect HEPA filter removes 99.97% 0.3µm particles\*
- 2X capacity of clean air delivery with TwinForce aerodynamic
- Upgraded VitaShield IPS technology filters 20nm\* particles
- Class leading AeraSense sensing technology

# Highlights

## Silent operation



Product turns down fan speed and noise level in silent mode for your comfortable night of sleep, lights on products can be turned off as you like.

## Healthy air protect alert/lock



With advanced Aerasense technology, the filter lifetime is accurately calculated based on indoor pollution level, air flow and operation time. Healthy air protect alert lets you know promptly when it is time to replace the filter. If the filter is not replaced promptly, the appliance stops functioning to avoid running with no effect since filter not effective. So you are assured of healthy air always.

## Real time numerical PM2.5



The numerical PM2.5 indicator together with 4-step color ring feedback provides real time indoor air quality.

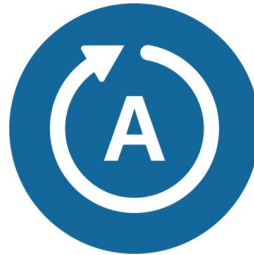
## 4 settings in fan speed

4 settings to give you an ample selection of fan speeds

## Light on/off to your needs

3 options for lights on/off setting to meet your needs.

## Easily activate AUTO mode



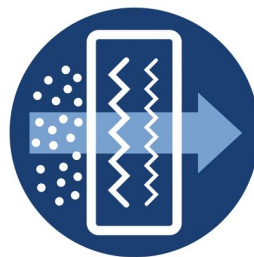
Intuitive design for easy activation on AUTO

## Child Lock



User friendly child lock function

## NanoProtect HEPA filter



The NanoProtect HEPA filter is designed for superior purification efficiency and lifetime against airborne particles. The ever-finer filter effectively removes 99.97% 0.3µm particles\*, including common allergens, dust, pollutions, bacteria and some virus.

## TwinForce aerodynamics design

The core of TwinForce aerodynamic design lies in the precision of twin-fan design and the optimized aerodynamic tunnel curvature. Together with dual air intake architecture the airflow is boosted for supreme Clean Air Delivery Rate (CADR) 657 m<sup>3</sup>/hr\*

## Upgraded VitaShield technology



VitaShield IPS

Upgraded VitaShield technology effectively removes particles as small as 20 Nanometers\* (more than 100 times smaller than upper limit of PM2.5), including common allergens, bacteria and some viruses. It also provides the assured protection from TVOC and odor. PM 2.5 is defined as fine dust particles of a diameter of 2.5 micrometers or less. PM 2.5 can penetrate and settle in the deepest areas of the lungs and cause health problems.

## World-class AeraSense



AeraSense

AeraSense is a professional-grade sensor that accurately identifies fine particles that are even smaller than PM2.5 (including most common indoor airborne allergens). It then processes this information to ensure that the purifier's settings are at the ideal level for current air conditions, and for continuous re-assurance. Then give you feedback of real time indoor air quality by showing PM2.5 level.

# Specifications

## Design and finishing

**Air quality sensor(s):** Aerasense PM2.5 sensor

**Fan speed indicators:** Silent, Speed 1, 2, 3, Turbo

**Material of main body:** Plastic

**Color(s):** White

## Performance

**CADR (cigarette smoke):** 657 m<sup>3</sup>/h

## Technical specifications

**Cord length:** 2 m

**Effective area:** up to 169 m<sup>2</sup>

**Frequency:** 50/60 Hz

**Power:** 82 W

**Sound level:** 36-65 dB(A)

**Voltage:** 220 V

## Country of origin

**Country of origin:** Korea

## Replacement

**AC filter:** FY6172

**HEPA filter:** FY6171

## Service

**2-year guarantee**

## Sustainability

**Packaging:** > 90% recycled materials

**Stand-by power consumption:** <0.5 W

**User manual:** 100% recycled paper



\* Tested by IUTA. According to 2008 Microbiological Risk Assessment Report of the World Health Organization (WHO), the avian influenza, human influenza viruses, Legionella, Hepatitis viruses and SARS coronavirus are larger than 20 nanometer (0.00002 mm).

\* Calculated according to respective standards using cigarette smoke CADR result tested according to ANSI/AHAM AC-1-2015. NRCC-S4013-2011: 169m<sup>2</sup>; JEM-1467-2009: 81m<sup>2</sup>; GB/T 18801-2015: 78m<sup>2</sup>; ANSI/AHAM AC-1-2015: 55m<sup>2</sup>.

\* Removes 99.9% bacteria: Tested for Staphylococcus Albus, condition refer to Anti-bacterial properties tested according to GB21551.3 using Staphylococcus Albus, initial concentration is 1\*10<sup>5</sup> cfu/m<sup>3</sup>

\* Removes 99.9% H1N1: Tested in Airmid, result has been shown >99.9% of airborne Influenza A virus (H1N1) within 20 minutes of operation.

\* Removes 99.97% 0.3µm particles: Tested on NanoProtect filter for 1st pass efficiency at 5.33cm/s airflow, in 2015 by 3rd party lab

\* up to 8 times: tested for benchmark with Grim sensor and comparison with industry infra-red sensor

\* CADR 657m<sup>3</sup>/h is tested by third party test lab, according to GB/T 18801-2015.