

# PHILIPS

## Air Cleaner

Remove 99.97% particles@3nm

PM2.5 display

Up to 79 m<sup>2</sup>/ 850 ft<sup>2</sup>

Auto & Sleep mode



AC2887/90



## Healthier Air, Always

### AeraSense, making the invisible visible

AeraSense is an innovative technology with the accuracy and performance of a professional sensor. It senses harmful particles smaller than even PM2.5, ensures the purifier adjusts for cleaner air output and provides real time feedback.

#### High performance from start to finish

- Automatically monitors, reacts & purifies the air
- VitaShield naturally purifies UFP as small as 0.02microns
- 3 auto modes: General, Allergen, and Bacteria & Virus
- Aerodynamic architecture boosts efficient airflow

#### Reassurance of consistent clean air delivery

- Four-step color indicator shows quality of air
- Healthy air lock and alert for filter replacement

#### Designed for better user experience

- Low noise at Sleep Mode (20.5dba) – soft as a whisper
- Smart light control: adjust light to suit your preference

#### Global Certification for quality assurance

- Certified or tested by ECARF and Airmid\*

# Highlights

## AeraSense technology

AeraSense is a 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 gives you feedback of real time indoor air quality by showing PM2.5 level.

## Low noise



When in Silent Mode, the Purifier turns down its fan speed and noise level to allow a comfortable night's sleep.

## Smart light control



Both AQI and the light on the UI can be dimmed and/or turned off to avoid light disturbance for consumers.

## VitaShield IPS technology

VitaShield IPS with its aerodynamic design and NanoProtect Filter has a boosted clean air delivery rate up to 344 m<sup>3</sup>/hr\* (according to China GB/T 18801-2015). It can effectively remove ultra-fine particles as small as 20nm, effectively reduce harmful gases such as formaldehyde, TVOC and odor. Removes up to 99.9% bacteria.

## Aerodynamic design

Aerodynamic architecture boosts efficient airflow

## Healthy air protect

The filter lifetime is accurately calculated based on indoor pollution level, air flow and operation time. The 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 ineffective purification. So you are assured of healthier air always.

## Real time feedback

The 4-step color ring provide real time feedback of your indoor air quality.

## 3 auto modes



The Philips Air Purifier has 3 automatic purification settings: a General mode, an extra-sensitive Allergen mode, and an extra-powerful bacteria and virus mode. You can choose your preferred mode to personalize and optimize your purification.

## Certifications



Certified or tested by ECARF and Airmid\*

# Specifications

## Design and finishing

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

**Color of control panel:** Black

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

**Material of main body:** Plastic

**Color(s):** White

## Performance

**Filters out PM2.5:** in one hour, >99 %

**Filters out viruses:** in 0.5 hr, 99.9 %

**CADR (cigarette smoke):** 333 m<sup>3</sup>/h

**Room size:** 25-79 m<sup>2</sup>

## Technical specifications

**Cord length:** 1.8 m

**Effective area:** 24-41 m<sup>2</sup>

**Frequency:** 50/60 Hz

**Power:** 56 W

**Sound level:** 20.5-51 dB(A)

**Voltage:** 220-240 V

## Country of origin

**Made in:** China

## Replacement

**AC filter:** FY2420

**HEPA filter:** FY2422

## Sustainability

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

## Weight and dimensions

**Dimensions of packaging (LxWxH):** 412 x 294 x 612 mm

**Dimensions of product (LxWxH):** 359 x 240 x 558 mm

**Weight incl. packaging:** 9.3 kg

**Weight of product:** 7.7 kg



\* 20 Nanometers: 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 are larger than 20 nanometer (0.00002 mm).

\* Removes 99.97% particles: Tested in 2015 by 3rd party lab

\* Particle CADR: tested by third party according to GB/T 18801-2008

\* Bacteria and Virus removal performance is tested by 3rd party lab. Refer to item 1 for bacteria performance test details and item 2 for virus removal test details.

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