

# PHILIPS

## Air Cleaner

24-41m<sup>2</sup> room size

Numerical air quality feedback



AC2887/20



## 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

- Real time indoor PM2.5 numerical feedback

#### 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



[asimpleswitch.com](http://asimpleswitch.com)

# 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.

## Real time feedback



The numerical PM2.5 indicator and the 4-step color ring provides real time feedback of your indoor air quality.

## Smart light control



Both AQI and the light on the UI can be dimmed and/or turned off 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

## 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.



[asimpleswitch.com](https://www.asimpleswitch.com)

## Philips Green Logo

Philips Green Products can reduce costs, energy consumption and CO<sub>2</sub> emissions. How? They offer a significant environmental improvement in one or more of the Philips Green Focal Areas – Energy efficiency, Packaging, Hazardous substances, Weight, Recycling and disposal and Lifetime reliability.

# 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

**CADR (formaldehyde):** 200 m<sup>3</sup>/h  
**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:** 1.6 m  
**Effective area:** 24-41 m<sup>2</sup>  
**Frequency:** 50/60 Hz  
**Power:** 11-60 W  
**Sound level:** 20.5-51 dB(A)  
**Voltage:** 220 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

