



Philips Series 2000
Air Cleaner

22~41m²

Numerical air quality feedback



AC2891/00

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 24/7
- 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

PHILIPS

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.

VitaShield IPS technology

VitaShield IPS with its aerodynamic design and NanoProtect Filter has a boosted clean air delivery rate up to 344 m³/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 and virus*.

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.

Aerodynamic design

Aerodynamic architecture boosts efficient airflow.

Real time feedback



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

Low noise



When in Silent Mode, the Purifier turns down its fan speed and noise level to allow a comfortable night's sleep. The lights on the Purifier can also dimmed and/or turned off to suit your preference.

Smart light control



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

Specifications

Performance

- Room size: 41 m²
- CADR (Particle): 344 m³/h
- CADR (Formaldehyde): 200 m³/h
- 0.3µm particle removal: 99.97 %
- Filters out PM2.5: in one hour, >99 %
- Filters out H1N1 Virus: in 0.5 hr, 99.9 %
- Recommended filter life time: 12 months
- Sound Pressure: 20.5-51 dB

Features

- VitaShield IPS
- AeraSense technology
- Particle sensor
- PM2.5 sensor
- Modes: 3 auto modes
- Fan speed: 5 settings
- Healthy air lock & Alert
- Timer: 12 hour(s)
- Light control: Dimmer

Design and finishing

- Color(s): Pale Blue
- Color of control panel: White
- Material of main body: Plastic

Technical specifications

- Voltage: 220 V
- Frequency: 50/60 Hz
- Cord length: 1.6 m
- Power: 11~60 W

Weight and dimensions

- Weight of product: 7.7 kg
- Weight incl. packaging: 9.3 kg
- Dimension of product (LxWxH): 359 x 240 x 558 mm
- Dimension of packaging (LxWxH): 412 x 294 x 612 mm

Replacement

- Integrated filter: FY2428

Country of origin

- Made in: China

Sustainability

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



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* Particle and formaldehyde CADR and CCM: tested by third party according to GB/T 18801-2008
* 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 and SARS coronavirus are larger than 20 nanometer (0,00002 mm).