

Philips
Air Cleaner

24-41m2 room size
Numerical air quality feedback



AC2880/00

Healthier Air, Always

3 smart ways to optimize your purification

The 2000 Series is engineered with 3 smart presettings that you can choose from: Pollution, Allergen, and Bacteria & Virus modes. Activate the relevant automode, and ensure you and your family breathe cleaner air at home, always

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

High performance from start to finish

- VitaShield naturally purifies UFP as small as 0.2microns
- 3 smart presettings for different airborne pollutants
- 3 smart presettings for different airborne pollutants
- Aerodynamic architecture boosts efficient airflowAerodynamic

Reassurance of consistent clean air delivery

- Healthy air lock and alert for filter replacement

PHILIPS

Air Cleaner
24-41m2 room size Numerical air quality feedback

AC2880/00

Highlights

Healthy air protect
With advanced Aerasense technology, 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.

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.

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*.

Aerodynamic design
Aerodynamic architecture boosts efficient airflow

Bacteria & Virus Mode
Bacteria & Virus particles are the ones seldom detected by air sensors. Hence the most effective way to reduce these particles is to significantly boost the airflow and increase the air exchange per hour. This mode boosts the Air flow, then the high quality HEPA filter in the Purifier effectively captures the bacteria and virus by 99.9%, ensuring cleaner air output.

Pollution Mode



Indoor PM2.5 levels can increase far above local guidelines because of activities like cooking. Our advanced sensing technology - AeraSense, accurately detects invisible indoor air pollutants in real time, and then auto-boosts the Air Purifier's speed to reduce harmful particles, gases, for a cleaner air output.

Specifications

Design and finishing
- Air quality sensor(s): Aerasense PM2.5 sensor
- Color of control panel: Balck
- Fan speed indicators: Silent, Speed 1, 2, 3, Turbo
- Material of main body: Plastic
- Color(s): Beige

Performance
- CADR (formaldehyde): 115 m³/h
- Filters out PM2.5: in one hour, >99 %
- Filters out viruses: in 0.5 hr, 99.9 %
- CADR (cigarette smoke): 324 m³/h

Technical specifications
- Cord length: 1.6 m
- Effective area: 22-38 m²
- Frequency: 50/60 Hz
- Power: 11~60 W
- Sound level: 20.5-52 dB(A)
- Voltage: 220 V

Country of origin
- Made in: China

Replacement
- Multi-care filter: FY2426

Sustainability
- Stand-by power consumption: <0.5 W

Weight and dimensions
- Dimensions of packaging (LxWxH): 412 294 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

Issue date 2016-05-24

Version: 5.1.1

© 2016 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com

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