

PHILIPS

Air purifier

General health

VitaShield IPS

Smart sensor

AC4072/11



Breathe the difference

With high-performance filtration & HEPA technology

Philips' VitaShield IPS with German multi-layer filtration technology purifies the air of pollutants (fine dust, pollen, allergens, bacteria and viruses*) and harmful gases (formaldehyde, toluene and TVOCs etc) in no time.

Healthy Air

- With German multi-layer filter
- Smart sensor gives you feedback on indoor air quality
- Boost power function cleans air quickly at high speed

Always

- Smart sensor gives clear feedback on indoor air quality
- Healthy air protect alert warns you when to replace filter
- Healthy air protect lock ensures healthy air always

Simplicity

- Fully automatic operation ensures hassle-free functioning
- Smart Night mode lowers activity level during the night
- 4-step light indicators clearly show air quality level
- 5-step fan speed allows you to adjust speed level you want



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Highlights

Smart sensor

Fully automatic operation ensures hassle-free functioning. The built-in sensor (particle) measures the air quality in the room and automatically selects the appropriate speed setting to guarantee the best possible air quality in your rooms.

Fully automatic operation

Fully automatic operation ensures hassle-free functioning. The built-in sensor (particle) measures the air quality in the room and automatically selects the appropriate speed setting to guarantee the best possible air quality in your rooms. The multiple color indicator informs you on the actual air quality, and will be red, deep purple and purple if the air quality is not yet good enough, and blue when the air is clean and healthy again.

Boost-power function

When in BoostPower mode, the high fan speed quickly purifies the air.

Healthy air protect alert



Healthy air protect alert warns you timely when you have to replace a new filter. When the filter is not replaced in time, the appliance stops functioning to avoid running with no effect since filter is full.

Healthy air protect lock



Healthy air protect lock function ensures you healthy air always. It shuts off the purifier when healthy air can no longer be guaranteed. When one of the filters is almost full and has to be

cleaned or replaced, the Healthy air protect alert warns you to replace or clean filter. When users do not replace concerned filter, the appliance stops operating and the appliance is locked.

Smart air quality sensor

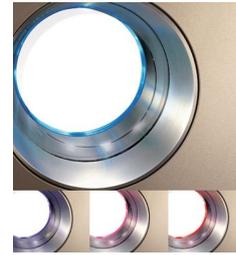
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Smart Night mode



In Auto mode, the appliance automatically switches to Night mode when the room becomes dark. Under the Night mode, the appliance switches to lower activity level, the lights go out (except Power On/Off light), the fan speed and noise level are reduced and the energy consumption is minimised. If the room becomes bright again for 5 minutes or longer, the appliance resumes normal operation. In Night mode, the auto control is still active. If the air is clean, the appliance stops running. If the air quality deteriorates, the appliance is activated with lower activity and lights still out.

4-step air quality indicators



4-step light indicators clearly show air quality level: Blue - Very Good; Deep Purple - Good; Purple - Fair; Red - Bad

5-step fan speed

5-step fan speed allows you to adjust speed level you want (fan speed indicators on control panel)

German multi-layer filter



The German multi-layer filter contains layers of HEPA and specially treated activated carbon. The antibacterial pre-filter first catches big particles like human/ pet hair and regular house dust. The HEPA filters out ultrafine particles as small as 20 nanometer (fine dust, pollen, allergens, bacteria and viruses*) while the activated carbon absorbs harmful gases (formaldehyde, toluene and TVOCs etc).



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Philips Green Logo

Philips Green Products can reduce costs, energy consumption and CO2 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

Performance

CADR (cigarette smoke): 236 m³/h**

Filters out PM2.5: >99%***

Filters out toluene: >99.9%*****

Replacement

Formaldehyde filter: AC4147

Design specifications

Control panel: Oyster metallic

Front cover: Metallic white

Deco Ring: Oyster silver

Materials of main body: ABS plastic

Weight and dimensions

Product weight: 7.2 kg

F-box weight (incl. product): 9.1 kg

Product dimensions (W x D x H): 355 x 200 x 640 mm

F-box dimensions (W x D x H): 415 x 310 x 715 mm

Logistic data

Country of origin: Korea

Interactivity

Frequency: 50/60 Hz

Voltage: 220-240 V

Cord length: 1.8 m

Wattage: 47 W

Air quality sensor(s): particle



* 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 0.02 micron.

** Tested by IUTA Test Institute Germany, in 30m³ chamber according to GB/T18801-2008, initial particle level of 5*10⁴/cm³ cigarette smoke used as the particle pollutants

*** Tested by IUTA Test Institute Germany, in 30m³ chamber according to GB/T18801-2008, initial toluene concentration 115 mg/m³ toluene used as the gas pollutants

**** Tested by IUTA test institute, Germany in 30m³ chamber according to GB/T18801-2008. Inhalable particles of size smaller than 2.5µm as particles with an initial particle level of 5*10⁴/cm³ and testing time 60 min

***** Tested by IUTA Test Institute, Germany according to according to DIN 71460-1 at particles between 0.02 and 2.5 microns at maximum air-flow and with NaCl aerosol