

Philips
Air purifier

VitaShield IPS
Dual sensors



AC4076/80

A healthy new home, always.

With extra-capacity formaldehyde removal filter

VitaShield IPS with German technology extra-capacity formaldehyde filter purifies the air of harmful gases (formaldehyde, toluene and TVOCs etc) and pollutants (ultrafine particles, allergens, bacteria and viruses) with size >0.02 Microns*

Healthy Air
- With extra-capacity formaldehyde removal filter
- Intelligent dual sensors give total feedback on air quality
- Turbo mode cleans air instantly at the highest speed

Always
- Multi air quality sensors measure & control 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 lets you adjust air flow to your liking

asimpleswitch.com

PHILIPS

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Highlights

Superior VitaShield IPS

VitaShield IPS

The superior VitaShield Intelligent Purification System with extra-capacity formaldehyde removal filter cleans the air of harmful agents and is ultra-effective in formaldehyde removal. The antibacterial pre-filter first catches big particles like human/pet hair and regular house dust. The extra-capacity formaldehyde removal filter, with its German technology and specially treated activated carbon, then cleans the air of formaldehyde and other harmful gases in no time. The filter also effectively eliminates allergens and bacteria.

Intelligent dual sensors

Measure, control and give you complete and clear feedback on air quality

Turbo mode

Turbo mode cleans air instantly at the highest speed.

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.

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 indicators inform 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.

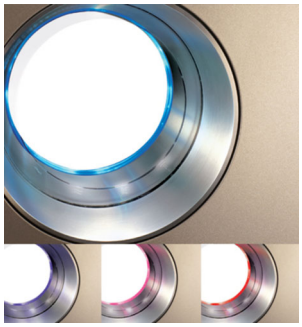
Smart air control

The built-in sensors (gas and particle) measure the air quality in the room and automatically select the appropriate speed setting to guarantee the best possible air quality in your rooms. The multiple color indicators inform you on the actual air quality, and will be red, dark purple and purple if the air quality is not yet good enough, and blue when the air is clean and healthy again.

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 lets you adjust air flow to your liking

Specifications

Performance

- CADR (cigarette smoke): 280 m³/h**
- Filters out PM2.5: >99%***
- Filters out bacteria: >99.9%****
- Filters out formaldehyde: >98%*****
- Filters out TVOCs: >99%******
- Filters out toluene: >99%*******

Replacement

- Formaldehyde removal filter: AC4147

Interactivity

- Frequency: 60 Hz
- Voltage: 110 V
- Wattage: 47 W
- Cord length: 2 m
- Air quality sensor(s): particle and gas
- Noise level: 31 (Silent) - 62 (Turbo) dB

Design specifications

- Front cover: soft gold
- Side Panel: silver metallic
- Deco Ring: alluminium
- Fan speed indicators: on control panel and ring
- Materials of main body: ABS plastic

Weight and dimensions

- Product weight: 7.4 kg
- F-box weight (incl. product): 11.18 kg
- Product dimensions (W x D x H): 354 x 194 x 645 mm
- F-box dimensions (W x D x H): 450 x 348 x 740 mm

Logistic data

- Country of origin: Korea

* According to the 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 Shanghai Institute of Measurement and Testing Technology (SIMT) in 30m3 chamber according to GB/T18801-2008, cigarrette smoke used as the particle pollutants
* ** Tested by SIMT in 30m3 chamber according to GB/T18801-2008 and GB/T18883-2002, inhalable particles of size smaller than 2.5um as particles pollutants sampled in mass concentration, initial concentration 5.0¡À0.5mg/m3, testing time 1hr
* *** Tested by Shanghai Institute of Measurement and Testing Technology (SIMT) in 30m3 chamber according to GB21551.3-2010, (Staphylococcus albsp) 8032 as testing bacteria
* **** Tested by Shanghai Institute of Measurement and Testing Technology (SIMT) in 30m3 chamber according to GB/T18801-2008 and GB/T18883-2002, initial formaldehyde concentration 1.0¡À0.2mg/m3, testing time 0.5-3hr
* ***** Tested by Shanghai Institute of Measurement and Testing Technology (SIMT) in 30m3 chamber according to GB/T18801-2008 and GB/T18883-2002, initial TVOC concentration 6.0¡À1.2mg/m3, testing time 0.5-3hr
* ****** Tested by Shanghai Institute of Measurement and Testing Technology (SIMT) in 30m3 chamber according to GB/T18801-2008 and GB/T18883-2002, initial toluene concentration 2.0¡À0.4mg/m3, testing time 0.5-3hr

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