



Philips

Air Cleaner

- Particle CADR*: 400
- Particle CCM*
- Formaldehyde CADR*
- Aerasense technology

AC3256/00

Healthier Air, Always

with VitaShield IPS and Aerasense air technology

Philips' innovative VitaShield IPS technology can naturally remove fine particles as small as 20 nm and harmful gases effectively for the long term. World-class Aerasense ensures you get healthier air with real-time PM2.5 feedback.

Benefits

Healthier Air

- VitaShield IPS with superior performance of 400 m³/hr CADR
- Best-in-class Aerasense sensing technology
- Extra-thick 60-mm NanoProtect Pro S3 Filter
- Special Gas auto mode with gas sensor and indicator

Always

- Longer lifetime performance higher than new GB/T standard
- Real-time PM2.5 feedback and 4-colour AQI light

- Healthy air protect alert for filter lifetime with accuracy
- Certified or tested by ECARF and Airmid*

Designed for you

- Sensor touch UI with big numerical display
- Ultra-silent in sleep mode at only 33 dB
- Large handle for easy carrying around

Features

VitaShield IPS

VitaShield IPS with aerodynamic design and extra-thick NanoProtect Pro S3 Filter boosts clean air delivery to 400 m³/hr and effectively removes particles as small as 20 Nanometres* (more than 100 times smaller than PM2.5),

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including allergens, bacteria and some viruses. It also ensures you are protected from harmful gases like formaldehyde, toluene and TVOC, with formaldehyde CARD XXX m3/hr and TVOC CADR XXX m3/hr

World-class Aerasense

Advanced Aerasense technology, benchmarked with a professional sensor, provides cleaner air with up to 8 times* less chance of error in indicating that air quality level is safe, compared to today's commonly used industry Infrared LED sensor.

NanoProtect Pro S3 Filter



The extra-thick NanoProtect Elite filter is designed for superior purification efficiency and lifetime against airborne particles. Multi-layer integrated filter for all-in-one 360 protection. The ever-finer filter effectively removes ultra-fine particles as small as 20 nm, more than 100 X smaller than PM2.5, including bacteria and some viruses. High-efficiency purification removes 99.97% of particles*. Dense and thick filter for 50%* longer lifetime.

Gas mode

Specially designed Gas mode can effectively remove harmful gases. Special gas sensor and active carbon captures and breaks down formaldehyde into harmless substances. Active carbon nano-sized pores form absorption surface area the size of 100 football pitches*, for high efficiency and long lifetime for TVOC purification

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Design and finishing

Air quality sensor(s)	Aerasense PM2.5 sensor
Fan speed indicators	Silent, Speed 1, 2, 3, Turbo
Material of main body	Plastic
Colour(s)	White

Performance

CADR (cigarette smoke)	400 m³/hr
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Technical specifications

Effective area	28-48 m²
Frequency	50 Hz

CCM performance

Longer lifetime performance higher than new GB/T standard

Real-time numerical PM2.5

The numerical PM2.5 indicator together with 4-step colour ring feedback provides real-time indoor air quality.

Healthy air protect

With advanced Aerasense technology, the filter lifetime is accurately calculated based on indoor pollution level, air flow and operation time. 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 running with no effect as the filter is no longer effective. So you are assured of healthy air, always.

Certifications

Certified or tested by ECARF and Airmid*

Sensor touch

Sensor touch UI with big numerical display

Sleep Mode

Product turns down fan speed and noise level in silent mode for a comfortable night of sleep; lights on products can be turned off as desired.

Large handle

Large handle for easy carrying around

Power	11~65 W
Sound level	32~61 dB(A)
Voltage	220 V

Country of origin

Made in	China
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Sustainability

Stand-by power consumption	< 0.5 W
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* football pitch size: Activated carbon media measured by 3rd-party lab shows most of the pores are 1 nm ;§C 2 nm, and AC surface area of the activated carbon is 400 m2/g. Filters' total Active Carbon surface area of 60 football pitches is based on int'l standard football pitch size.

* Compares Philips general health series HEPA filter and activated carbon material, tested in 2015 by 3rd-party lab

* Particle and formaldehyde CADR and CCM: tested by third party according to GB/T 18801-2008

* Tested by IUTA. According to the 2008 Microbiological Risk Assessment Report of the World Health Organisation (WHO), the avian influenza and human influenza viruses, Legionella and Hepatitis viruses and SARS coronavirus are larger than 20 nanometres (0.00002 mm).

* 8 times less chance: The test was conducted by Philips Research in 2014, and data is analysed using the statistics method.



data subject to change
2016, January 31

Version: 2.0.1
EAN:

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