


Air Cleaner

- Particle CADR*: 710m3/h
- Formaldehyde CADR*: >400m3/h
- Aerasense technology
- Removes 99.97% 0.3µm particles

AC6608/00

# Healthier Air, Always

## Double performance, double reassurance

Compact & robust design equiped with Vitashield IPS, TwinForce aerodynamics, Aerasense techonology and NanoProtect Pro S3 filters. It delivers superior purification efficiency and lifetime against particles, harmful gases and allergens

### Benefits

#### Healthier Air

- Upgraded VItaShield IPS technology filters 20nm* particles
- 2X capacity of clean air delivery with TwinForce aerodynamic
- NanoProtect Pro S3 filter removes 99.97% 0.3µm particles*
- 12X higher capacity & 10X better efficiency of formaldehyde

#### Always

- Advanced Aerasense technology provides cleaner air
- Real time numerical PM2.5 feedback with color ring indicator
- Healthy air protect alert with accurate filter life time
- Silent mode for your comfortable night of sleep

#### Simplicity

- 3 options for lights on/off setting to meet your needs
- 5 settings to give you ample choice in fan speed
- Intuitive design for easy activation on AUTO

PHILIPS

## Features

### Upgraded VitaShield IPS

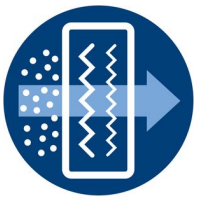



The upgraded Vitashield IPS with TwinForce aerodynamics design and its NanoProtect Pro S3 filter boost clean air delivery to 710 m3/hr, effectively removes particles as small as 20 Nanometers* (more than 100 times smaller than upper limit of PM2.5), including allergens, bacteria and some viruses. It also provides you the assured protection from harmful gases like formaldehyde and toluene, with formaldehyde CARD >400m3/hr and toluene CADR >400m3/hr.

### TwinForce aerodynamics design

The core of TwinForce aerodynamic design lies in the precision of twin-fan design and the optimized aerodynamic tunnel curvature. Together with dual air intake architecture the airflow is boosted for supreme Clean Air Delivery Rate (CADR).

### NanoProtect Pro S3 filter



The NanoProtect Pro S3 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 ultrafine particle as small as 20nm , more than 100X smaller than PM2.5, including bacteria and some viruses High efficiency purification removes 99.97% 0.3μm particles*, dense and thick filter for 2.4X* longer lifetime.

### Superior formaldehyde removal

12X higher capacity and 10X better removal efficiency of formaldehyde*. Special active carbon captures and breaks down formaldehyde into harmless substances Active carbon nano-sized pores form absorption surface area of 55 football field size*, for high efficiency and lifetime on Toluene purification

### Provide cleaner air

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

### Real time numerical PM2.5




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

### Healthy air protect alert/lock




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 since filter not effective. So you are assured of healthy air always.

### Silent operation

Product turns down fan speed and noise level in silent mode for your comfortable night of sleep, lights on products can be turned off as you like.

### Light on/off to your needs

3 options for lights on/off setting to meet your needs.

### 5 settings in fan speed

5 settings to give you ample choice in fan speed.

### Easily activate AUTO mode

Intuitive design for easy activation on AUTO.

## Specifications

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### 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 |
| Color(s) | White |

### Performance

| | |
|---|---|
| CADR (formalde-hyde) | >400 m³/h |
| Filters out PM2.5 | >99 % |
| CADR (cigarette smoke) | 710 m³/h |

### Technical specifications

| | |
|---|---|
| Cord length | 2 m |
| Effective area | 70 m² |
| Frequency | 50 Hz |
| Power | 11~65 W |
| Sound level | 34~61 dB(A) |
| Voltage | 220 V |

### Country of origin

| | |
|---|---|
| Country of origin | Korea |

### Replacement

| | |
|---|---|
| HEPA filter | FY6177 |

### Service

| | |
|---|---|
| 2-year guarantee | Yes |

### Sustainability

| | |
|---|---|
| Packaging | > 90% recycled materials |

| | |
|---|---|
| Stand-by power consumption | <0.5 W |
| User manual | 100% recycled paper |

### Weight and dimensions

| | |
|---|---|
| Dimensions of packaging (LxWxH) | 506 x 420 x 604 mm |
| Dimensions of product (LxWxH) | 350 x 365 x 530 mm |
| Weight incl. packaging | 11.05 kg |
| Weight of product | 8.8 kg |

* Particle and formaldehyde CADR and CCM: tested by third party according to GB/T 18801-2008
* 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).
* 50% longer lifetime: compares Philips general health series HEPA filter and activated carbon material, tested in 2015 by 3rd party lab
* 8 times less chance: The test was conducted by Philips Research in 2014, and data is analyzed using statistics method.
* football size: Activated carbon media measured by 3rd party lab, shows most of the pores size are 1nm ¡§C 2nm, and AC surface area of the activated carbon is 400m2/g. Filters' total Active Carbon surface area of 60 football field size is based on int'l standard football field size.
* Removes 99.97% 0.3µm particles: Tested on 360Elite filter for 1st pass efficiency at xxx airflow, in 2015 by 3rd party lab
* 50X higher capacity and 6X better removal efficiency of formaldehyde: Compares Philips general health series HEPA filter and activated carbon material, tested in 2015 by 3rd party lab

data subject to change
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