



Philips
Clean air system



AC4054

Fresh air at home - Always

with SmartAir Control

Always

- SmartAir Control measures and controls air quality
- BoostPower cleans quickly at high speed

Fresh air

- 6-stage CleanAir System for fresh air
- 3-stage ElectroClean system charges and traps all particles
- Active oxygen sterilizes pollutants and rejuvenates filter
- 2-stage FreshAir system efficiently removes gases and odours



SmartAir Control



BoostPower



3-stage ElectroClean filtration system



Active oxygen



2-stage FreshAir filtration system

PHILIPS
sense and simplicity

Specifications

Technical Specifications

- **Voltage:** 220 - 240 V
- **Frequency:** 50/ 60 Hz
- **Power Consumption:** 34 (at 220V~, hi speed), 36 (at 220-240V~, hi speed) W
- **CADR:** > 60 ft³/min
- **Particle removal efficiency:** > 99 (particle size at 0.02 - 10 µm) %
- **Gas removal efficiency:** > 99 (run at hi speed over 3 mins inside 1m³ box) %
- **Recommended Room Size:** Up to 20 m²
- **Operating Temperature:** 5 - 40 °C
- **Operating Relative Humidity:** 20 - 90 %
- **Noise Level:** < 49 (JIS compliance) dB
- **Power cord:** 1.8 m

Finishing

- **Color - Air outlet mesh/ Control panel:** Silver Blue
- **Color - Front Cover/ Air inlet mesh:** Christal Silver
- **Color - Rear Housing:** Translucent Algiers Blue
- **Color - Control button:** Christal Silver

Dimensions and weight

- **Product:** Approx. H490 X W281 X D216 mm; 5.0Kg
- **F Box:** Approx. H575 x W352 x D283 mm; 6.5Kg

Logistic data

- **CTV:** 8834 054 00000
- **I2 NC:** 8834 054 00010 (Western Europe), 8834 054 00660 (Taiwan), 8834 054 00450 (Hong Kong), 8834 054 00710 (China)
- **EAN F Box:** 87 10103 31450 9 (Western Europe), 87 10103 31452 3 (Hong Kong), 87 10103 31454 7 (Taiwan), 87 10103 31456 1 (China)

Replacement

- **ESP particle filter:** AC4105
- **Zeolite gas filter:** AC4115

Product highlights

SmartAir Control

The built-in sensor 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 dual color display informs you on the actual air quality, and will be red if the air quality is not yet good enough, and green when the air is fresh and healthy again.

BoostPower

When the appliance is switched on at BoostPower, it is set at high fan speed to quickly clean the air. After 30 minutes, it automatically switches to SmartAir Control mode.

6-stage CleanAir System

The advanced and innovative 6-stage CleanAir System removes and sterilizes even the finest particles and a wide spectrum of gases and odours. * The 3-stage ElectroClean filtration system efficiently removes particles * The 2-stage FreshAir filtration system removes gases and odours * The active oxygen sterilizes trapped particles and constantly rejuvenates the zeolite filter, ensuring longlasting superior performance

3-stage ElectroClean filtration system

The 3-stage ElectroClean filtration system works three ways. * First, the pre-filter blocks larger particles, such as hairs, animal dander and house dust allergens. * Second, the finer particles that have passed through the pre-filter, including bacteria and viruses, are charged by the Corona Field Charger. * Third, the Electro-Static Precipitation (ESP) filter attracts these charged particles to its surface and keeps them safely trapped. With average use, the cost-effective ESP filter only needs to be replaced once every five years.

Active oxygen

The active oxygen, which is generated by the Corona Field Charger, sterilizes harmful germs such as bacteria and viruses that are trapped in the Electro-Static Precipitation (ESP) filter. It then passes through the zeolite filter, where it oxidizes the trapped gases, rendering them harmless. Thanks to this process, the zeolite filter is constantly rejuvenated and its life can be extended over many years.

2-stage FreshAir filtration system

The 2-stage FreshAir filtration system uses advanced Nano-Confined Catalytic Oxidization (NCCO) technology. Firstly, the hi-grade zeolite filter traps a wide spectrum of gases and odours and subsequently uses the active oxygen that passes through to neutralize them, constantly rejuvenating the filter. Compared to the traditional activated carbon filter, this hi-grade zeolite filter performs more stably in different humidity conditions, and because it is rejuvenated by the active oxygen, it can last a much longer life of upto five years.



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