PHILIPS



Philips 800 Series Compact Air Purifier

AC0820/10

- Purifies rooms of up to 48 m^2
- 190 m^3/h clean air rate (CADR)
- HEPA filter

Purifies the air in less than 16 mins (1)

99% virus, allergen and pollutant removal (2,3,6)

- High Performance suitable for rooms of up to 48 m^2
- Filters 99.5% particles as small as 0.003 microns
- Removes up to 99.9% of viruses and aerosols from the air
- Smart sensors for intelligent purification
- Thoroughly tested for quality you can trust
- Sleep mode with ultra-quiet operation
- Low energy consumption
- Air quality display
- Auto mode and 2 x manual speed levels
- Smart filter indicator
- New replacement filter

*(1) From the air that passes through the filter, it is a theoretical time for one-time cleaning calculated by dividing its CADR 190 m^3/h by the room size of 48 m^2 (assuming the room is 20 m^2 in floor area and 2.4 m in height).

**(2)Microbial Reduction Rate Test conducted at Airmid Health Ltd in a 28.5 m^3 chamber with airborne influenza A(H1N1). Air purifiers alone don't protect against COVID-19 but can be part of a protective plan (US EPA).

***(3) From the air that passes through the filter, tested with a NaCl aerosol by iUTA according to DIN71460-1.

****(4) Microbial Reduction Rate Test at an external lab, in a test chamber contaminated with avian coronavirus (IBV) aerosols, with a Philips HEPA NanoProtect filter.

*****(5)The recommended service life for the device is based on a theoretical calculation of the average annual regional values of harmful air particles outdoors and daily use of the air purifier for 16 hours in automatic mode.

******(6) Tested on the filter media for 1 pass efficiency at 5.33 cm/s air flow, by a third party lab./From the air that passes through the filter, tested to JISB 9908-2011

*******(7) The calculated average sound pressure at 1.5 metres from the device, based on measurements according to IEC 60704. Sound pressure level depends on the construction and decoration of the room and the positioning of the device and listener.

********(8)Compared to its predecessor FY0194; 99.97% vs 99.5% particle filtration

Highlights

High Performance



Powerful airflow circulation effectively covers rooms of up to 48 m^2 and distributes clean air in every corner of the room. This boosts performance to 190 m^3/hr CADR (Clean Air Delivery Rate). It cleans 20 m^2 in less than 16 min. (1)

99.5% particle removal



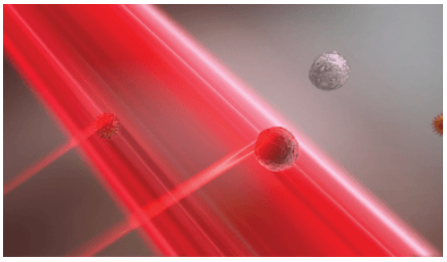
2 layer filtration with NanoProtect HEPA and pre-filter captures 99.5% of ultra-fine particles as small as 0.003 microns (3), so you are safe from PM2.5, bacteria, pollen, dust, pet dander and other pollutants. Certified by the European Centre for Allergy Research Foundation.

Up to 99.9% virus removal



Captures aerosols including those which may contain respiratory viruses. Tested independently by airmid healthgroup to remove up to 99.9% of viruses and aerosols from the air (2). Also tested for coronavirus (4).

Intelligent sensors



Scans the air 1000 x a second to detect ultra fine-particles. Reports the air quality in real time, and intelligently chooses the right speed for your home (in auto mode).

Quality you can trust



Philips purifiers go through 170 mandatory and strict inspection tests before being released from the factory. They are subjected to rigorous life and durability tests, for continuous operation 24/7.

Ultra-quiet operation

In Sleep mode, display lights are dimmed, and the purifier operates in near silence for clean air while you sleep.

Low energy consumption



Thanks to its energy-efficient design, the air purifier runs at max. 20 W power. This is equivalent to a standard light bulb.

Air quality display



See the real-time air quality in your home at a glance. The display shows the level of allergens and PM2.5 with an intuitive colour ring

Auto mode and 2 x speed levels



Run your product in intelligent automatic mode or choose from 2 x speed levels—Sleep or Turbo—to be fully in control of the airflow and sound level.

Specifications

General Specification

Product Type: Air purifier
Technology: HEPA NanoProtect
Colour: White, Black
Primary Material: Plastic
Internet connectivity: No
Wi-Fi range: No
Voice control: No

Technical Specifications

Maximum power: No
Air quality sensors: PM2.5
Min. sound level: 19 dB(A)
Max. sound level: 49 dB(A)

Performance

CADR (Clean air delivery rate) (particle, GB/T): 190 m^3/h
Filter layers: HEPA, Prefilter
Particle filtration: 99.5% at 0.003 microns
Max. room size: 49 m2

Energy efficiency

Stand-by power consumption: <1 W
Voltage: 100-240 V
Frequency: 50/60 Hz

Maintenance

Warranty: 2 years

Compatibility

Included Accessories 1: 2-in-1 HEPA filter
Related Accessories 1: FY0900
Related Accessories 2: FY0194

Country of Origin

Produced In: China

Safety feature

Child lock: No

Weight and Dimensions

Product Height: 36.7 cm
Product Weight: 2.4 kg
Package Length: 27.6 cm
Package Width: 27.6 cm
Package Height: 39.5 cm
Package Weight: 3.1 kg
Product Length: 25 cm
Product Width: 25 cm

Usability

Cord length: 1.6 m
Scheduler: No
Automatic mode: Yes
Sleep mode: Yes
Speed settings: Yes (Sleep, Medium, Turbo)
Ambient night light: No
Air quality feedback: Colour ring
Interface: Digital (touch)
Recommended filter change: 1 year

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