



Philips NanoProtect Pro S3
Filters
NanoProtect Pro S3 filter

Absorbs harmful particles

FY3437/00

Healthy air, always

This HEPA and activated carbon filter effectively captures harmful particles as small as 0.003 microns, including PM2.5, allergens, bacteria and viruses. Also absorbs formaldehyde, total VOCs and odors and locks them in nanoscale micropores

Nano Protect purification

- Nanokill Disinfection Technology

Professional allergen and virus removal

- Professional allergen and virus removal

Integrated design for easy filter maintenance

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Professional Formaldehyde Removal

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Specifications

Weight and dimensions

- Product weight: 1.47kg kg
- Dimension of packaging (LxWxH): 243*255*325 mm
- Dimension of product (LxWxH): 234.6*248*300.5
- Weight incl. packaging: 1.87kg kg

Performance

- Filters out formaldehyde
- Filters out PM2.5
- Filters out bacteria
- Filters out viruses
- Filters out odor
- Filter: For two-in-one air humidifier purifier AC3737

Highlights

Professional Formaldehyde Remo

Features an amine-manganese dibasic formaldehyde removal compound that captures and rapidly decomposes formaldehyde in less than 0.1 seconds*. The activated carbon filter has a specific surface area equivalent to 52 soccer fields, providing powerful adsorption of formaldehyde decomposition products and odors. Reduces formaldehyde concentration to 0.01 mg/m, 10 times higher than European standards

Nanokill Disinfection Technolo

Nanokill oxygen disinfection technology destroys bacterial cells and viral lipid membranes, effectively killing HFMD pathogenic viruses and >99% of Influenza A H1N1 viruses*.

Integrated design

Composite HEPA and activated carbon filters can be easily and conveniently installed.

Allergen and virus removal

Filters out 99.97% of particles with a diameter of 0.3 microns*, smaller than the particles most likely to carry common allergens including dust mites, pollen, dog and cat dander



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** Third-party laboratory based on test samples referenced to ISO 18184-2019 Textiles - Determination of anti-viral activity of textiles, for 24 hours of action against filter material, the test virus is the hand, foot and mouth pathogenic virus (enterovirus EV71), the test host is Vero cells, the test was repeated 3 times, the measured anti-viral activity activity rate > 99.99%

* Third-party laboratory based on test samples referenced to ISO 18184-2019 Textiles - Spinning

** Test results of 0.003 micron particle removal efficiency of the filter by a third-party laboratory using NaCl aerosol according to DIN 71460-1:2006-04, ISO/TS 11155-1:2001-11 *The filter can remove 0.003 micron particles. PM2.5 refers to particles in the atmosphere with a diameter less than or equal to 2.5 microns, and 2.5 microns is about 833 times larger than 0.003 microns.