



Philips
NanoProtect HEPA filter

99.97% 0.3µm particle removal*
Remove UFP as small as 20nm**

FY6172

Breathe the difference

Double performance, double reassurance

Double deck of outstanding filter media to ensure doubled superior particle removal performance. Filters 99.97% 0.3µm particles, including common allergen, dust, pollution, bacteria & some virus. Filters ultra fine particles as small as 20nm

Filters 99.97% 0.3µm particles

- Innovative structure & process to make the superior filter

Filters ultra fine particles as small as 20nm

- Special layered media provides specific filtration technology

PHILIPS

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Specifications

Country of origin

- Made in: Korean

Highlights

Innovative structure & process

87 optimized pleats structure together with German Hankel hot melt to form more than 400 stable filter sections, gives unfolded area about 2.3 m². High grade filter seal enabling the filter assembly firmly and guarantee the sealing, not only prevents leakage and ensure all air flows through filter, but also reduces noise.

Specific filtration technology

Special layered media provides the combination of specific filtration technology targeting large range of particle sizes. Mechanical & inertial means captures bigger particles, which are more than ~0.5 micron, and diffusion & electrostatic mechanism effectively captures ultra fine particles as small as 20nm.



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* Tested for Staphylococcus Albus, condition refer to Anti-bacterial properties tested according to GB21551.3 using Staphylococcus Albus, initial concentration is 1*10⁵ cfu/m³

** The filter was tested with NaCl test aerosol according to DIN71460-1 in IUTA. The 20nm particle removal efficiency was determined as an average of 98%