

3/ Efficient Air Duct Structure

900m³/h CADR
Indoor air quickly renewed

The unique air duct design allows the CADR of particles to be as high as 900m³ / h. The air is circulated on both sides and at the top to form an efficient air circulation, which efficiently purifies bacteria, viruses, formaldehyde, dust and other pollutants in the air, allowing the indoor air to quickly Purification and disinfection make you feel in the fresh air of nature.



3 Advantages Powerful Purification



1/ UVC Disinfection

P8002 uses H13HEPA filter to intercept small particles attached to pathogens, and at the same time uses 2 C-band LED UV lamp, with a total irradiation intensity of 300mW, which is irradiated into the filter and airflow to achieve filtering of air and small particles that have blocked pathogens. The net is disinfected by irradiation. The C-band UV lamp can destroy the molecular structure of DNA or RNA in the cells of the germ and let the bacterial cells die, achieving the effect of sterilization.



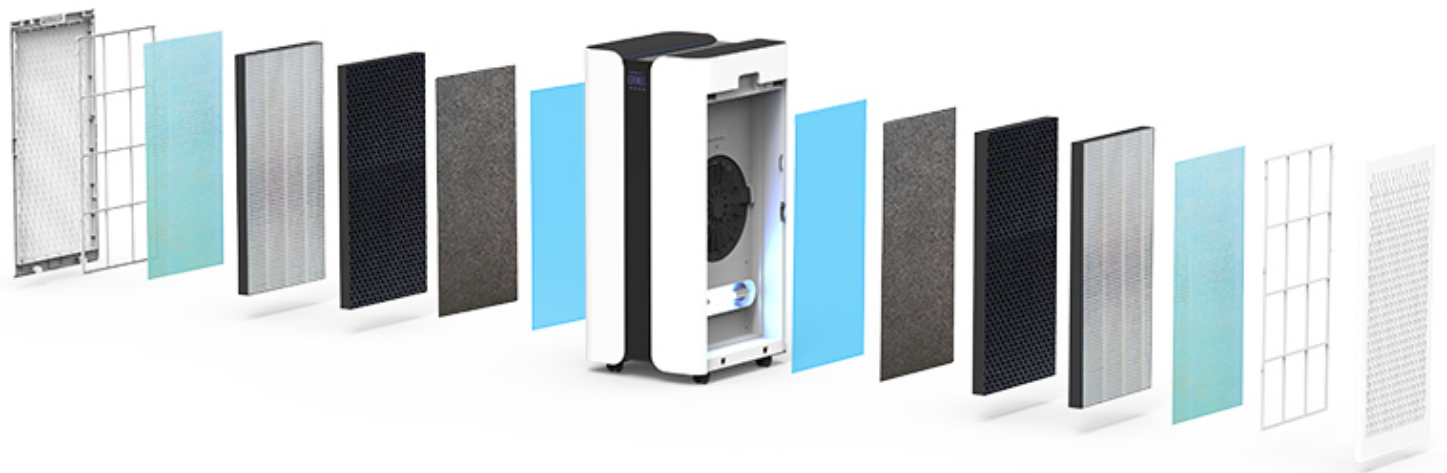
253.7 wavelength



C-band



Kill rate 99%



2/ High-Efficiency Filter

Triple filtration for efficient purification

Primary filter: can be repeatedly cleaned and durable, and can effectively intercept large particles such as hair, dander, dust and other large diameter pollutants;

H13HEPA filter layer: It can filter tiny particles as small as micron level, and it can intercept 99.9% of aerosols and small particles of 0.1 μm -10 μm carrying bacterial pathogens. It can effectively filter PM2.5, bacteria, viruses, etc. Inhale particulate matter. The multi-folded HEPA filter paper has a larger filtering area, which can also effectively reduce wind resistance and allow rapid air circulation;

High-efficiency activated carbon filter layer: High-efficiency activated carbon particles, with even distribution and stronger adsorption. It can effectively remove formaldehyde, VOC, allergens, mites, etc. to solve problems such as gaseous pollution and microbial pollution in the environment.

