

# HEPA Filter / PM2.5 Filter



HEPA filter can effectively remove fine particles from the air.

Products series with PM2.5 filters: ERV of PMTH series, PMTG series, DMTH series, Eco forest series, Eco slim series; Fresh Air Filtration Systems, etc.

### What is PM2.5?

**PM2.5**  
stands for Particulate Matter up to 2.5 micrometers in the air.

**PM2.5-10**  
stands for Particulate Matter from 2.5-10 micrometers in the air.

**PM10+**  
stands for Particulate Matter over 10 micrometers in the air.

#### Health effects of PM2.5

- Carcinogenesis  
According to the research of epidemiology, the polycyclic aromatic hydrocarbon contained in the particulate matters have high relative to the lung cancer incidence and death rate.
- Cardiovascular disease  
The particulate matter entering blood will affect the cell's ability to transport oxygen causing congestive heart weakness and coronary artery diseases.
- Harmful substance poisoning  
The poisoning gas or heavy metal substances may contain in the PM2.5 and cause people poisoned if they dissolve in the blood.
- Respiratory disease  
PM2.5 will enter the bronchus directly and affect the air exchange in the lung, causing asthma and bronchitis.
- Baby developmental defect  
The research to the pregnant women in high concentration PM2.5 environment shows that the high concentration of PM2.5 will affect the development of the embryo.

## Filtration effectiveness 96%

Miss Slim Series

Sub HEPA F9 filter

1. Double high efficient filters;
2. Operating theatre clean class material;
3. Filtration class is up to F9, passing national GB/T 14295 standards.

D Series

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Filtration efficiency test report

Filtration effectiveness (%)  
96.3

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Product link : <https://www.holtop.net/product/19.html>