



EnVure  
AIR PURIFICATION SYSTEM

# ULTRA FINE DUST

Fine Particulates, Also Known as Fine PM, Fine Particles or PM2.5,  
One of Main Pollutants of Atmospheric Pollution.

## What is PM2.5?

PM2.5: Particles Less Than 2.5 Micrometers in Aerodynamic Diameter, One of Main Factors for AQI and Influences of Visibility

Inhalation of PM2.5 Is Associated With Elevated Risk of Asthma  
Lung Cancer, Respiratory Diseases, Cardiovascular Disease, etc.



Second-hand  
Smoke

Pet Dander

Haze

Dust

Dust Mite

TVOC Odors

Toluene

Fungus

Formaldehyde

CO<sub>2</sub>

PM2.5



## HIGH PURIFICATION EFFICIENCY

Rate of Bacteria Removal and  
Sterilization: **99%**

**TVOCs: Total Volatile Organic  
Compounds**

**Are Organic Chemicals that Have  
a High Volatility at Ordinary Room  
Temperature, One of Main Pollutants  
of Indoor Air Pollution.**

TVOCs Include Benzene Compounds, Organic  
Chloride, Freon, Amine and Ether, etc.



# INDOOR AIR POLLUTANTS

## IS THE INDOOR AIR QUALITY BETTER THAN OUTDOORS?

The Indoor Air Can be 2 to 100 times More Polluted Than Air Outside According to the U.S. Environmental Protection Agency.



### TVOCs Such as Formaldehyde and Benzene

Emitted From Newly Decorated House



### Molds and Allergens

Arise From Moisture and Animal Dander and Plant Pollen



### Second-Hand Smoke

Carbon Monoxide and PM2.5 Which Get Past The Lung's Natural Defenses



### Asbestos Fibers

Contained in the Building Materials, Long-Term Inhalation Increases Incidence of Lung Cancer



### Bacteria

Large Fraction of Bacteria Found in Indoor Air Are Shed From Humans, associated With High Risk Of Respiratory Diseases



## INTELLIGENT SENSORS

More Sensitive Monitoring

More Precise Index

Visible Air Quality



# SMART SCREEN CONTROL

High-Sensitivity Touch Screen, User-Friendly Operation  
Direct Air Quality and Operative Status Display



## AIR QUALITY LEVEL



## SLEEP MODE

Lowest Sound Level: 5dB  
Indicator Lights off

Photoresistance Inside

Allows Triggering of Sleep Mode by Detecting the Decrease of Indoor Brightness



## MULTIPLE FILTERING

### 360° Integrative Cylindrical Filters



1

#### Pre-Filter

Consist of Antibacterial Fibers Mesh Cloth and Sterilizing Non-Woven in Cylinder, Intercepts Particulates Such as Dust, Hair, and Dander, etc.

2

#### ATP-HEPA

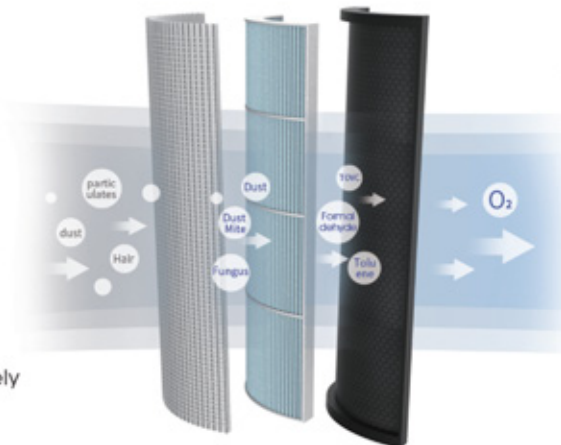
Antibacterial Peptide HEPA Filter

The High-Density Antibacterial Peptide HEPA Filter Effectively Filters PM2.5 Such as Pollen, Dust Mite, Fibers, etc. and Comprehensively Removes the Adherent Bacteria Like Mold and Fungus, so that Avoids Secondary Pollution.

3

#### High Efficiency Activated Carbon Composite Filter

Made of Honeycomb Materials that Consist of Active Carbon Fibers, Completely Adsorbs Odor, Formaldehyde, Benzene, Xylene, TVOCs and Other Hazardous Substances in the Air.





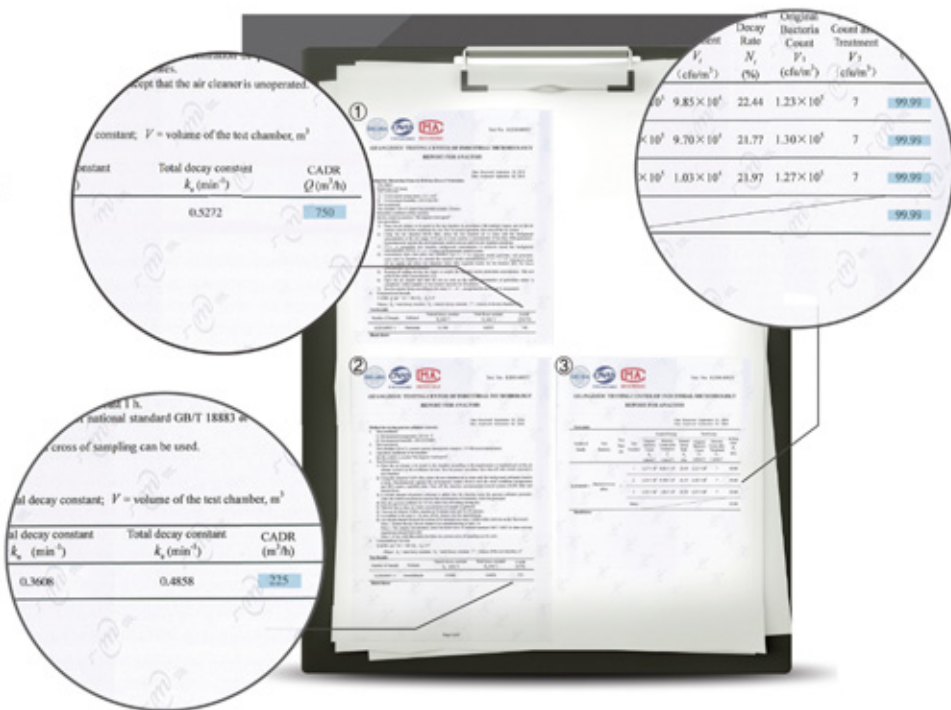
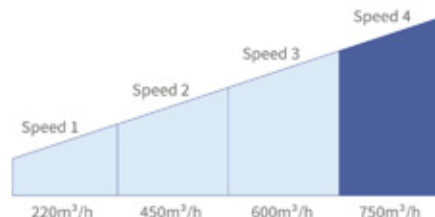
# TEST REPORT

## Speaking with Data

CADR(Particulate): 750 m<sup>3</sup>/h  
 CADR(Formaldehyde): 225 m<sup>3</sup>/h  
 Rate of Bacteria Removal and Sterilization: 99%

### CADR for Each Speed

Sleep Mode: 200 m<sup>3</sup>/h



EnVure  
AIR PURIFICATION SYSTEM



**Envilab Sdn Bhd.**

2, Jalan Sg Kayu Ara 32/38, Berjaya Industrial Park,  
40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: +60 3 5740 9888 Fax: +60 3 5740 9868

Email: [info@its-envilab.com](mailto:info@its-envilab.com)

[www.its-envilab.com](http://www.its-envilab.com)