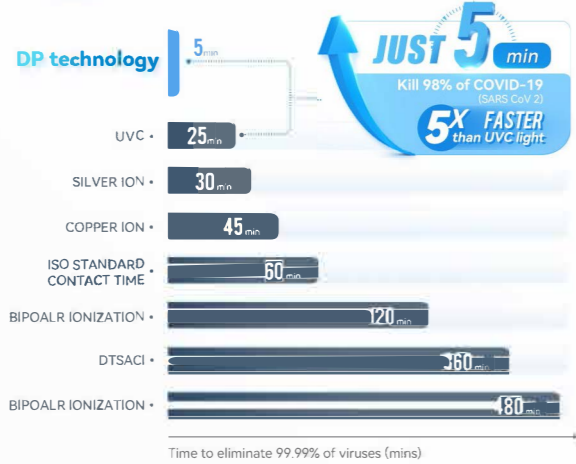




Research has shown that

**DP technology** material eliminates viruses in as little as 5 minutes



Air purification system with **DP technology** filter protection  
- Superior to other similar products -

| Filtration system Item                         | DP technology                                  | HEPA  | UVC   | ISO IONIZATION   |
|--|--|---|---|--|
| Captures Viruses Microorganisms And Pollens*   | ✓  | ✓   | ✗   | ✗  |
| Eradicates Viruses Microorganisms And Pollens* | ✓  | ✗   | ✓<br>Takes longer time, less effective in fast airflow environments                                     | ✗<br>A study showed limited reductions.  |
| Investment costs                               | LOW  | LOW   | LOW   | HIGH   |
| Maintenance costs                              | LOW  | LOW   | MIDDLE<br>UVC lights have a short service life and cause system components to age more quickly.         | HIGH<br>High voltage system need to maintain every two years with high costs     |
| Safety   | HIGH<br>WHO and UN FAO-approved food additive. | MIDDLE<br>Residual biofouling of filters may lead to second ary contamination | HIGH<br>Direct exposure easily causes cancer and eye damage, as well as accelerated filter degradation. | LOW<br>May emit ozone, which is harmful to the lungs and increases harmful VOCs. |

\* Based on third-party studies, commercial installations, and internal testing



Providing a comfortable and natural living environment for

10 million+ users worldwide



**Durable Sterilization, Not Only for Residence**

Multiple studies around the world have shown that DP technology protected filters can reduce up to 99.9% of bioaerosols and airborne particles in 15 minutes. The antimicrobial effectiveness remains over 99% even after more than 8 months of operation in heavy-dust environments.



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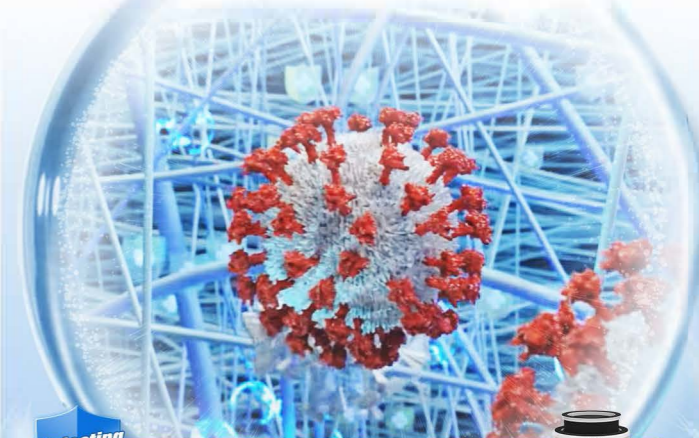
AIRWOODS AIR DISINFECTION PURIFIER AP-E50

**AIR PURIFICATION+DISINFECTION +STERILIZATION**



Patented sterilization technology In the United States

**DP technology**



Protecting Health

DP technology Disinfection & Sterilization

DP technology USES POSITIVE POLARITY TO CAPTURE, INACTIVATE, AND ERADICATE VIRUSES, BACTERIA, MOLDS, FUNGI, AND POLLENS. It is a plant-based material that has been approved safe by the World Health Organization and the Food and Agriculture Organization of the United Nations.



- Capture**  
The negatively-charged virus, microorganism, and pollen is attracted via DP technology's positive polarity and captured upon contact.
- Inactivate**  
The negatively-charged virus, microorganism, and pollen is inactivated as DP technology tears away the envelope and breaks the protein membrane.
- Eliminate**  
Consequently, the protein envelope and protein membranes are then disintegrated, eradicating the virus, microorganism, and pollen.



**Virus Aerosol Removal!**  
**Rapid Sterilization and Disinfection**



**UP TO 99.99%**  
killing rate for multiple viruses

**Eliminating Bacterial Rate**

|   |  |  |   |
|---|--|--|---|
| <br><b>99.99%</b><br>H1N1 virus             | <br><b>99.99%</b><br>E. coli                 | <br><b>99.8%</b><br>Human Coronavirus 229E   | <br><b>99.99%</b><br>Pseudomonas aeruginosa |
| <br><b>99.99%</b><br>Coxsackievirus B6      | <br><b>99.99%</b><br>H3N2 virus              | <br><b>99.6%</b><br>COVID-19                 | <br><b>99.99%</b><br>Candida albicans       |
| <br><b>99.99%</b><br>Pseudomonas aeruginosa | <br><b>99.99%</b><br>Aspergillus Eliminating | <br><b>99.99%</b><br>Staphylococcus albicans | <br><b>99.99%</b><br>Staphylococcus aureus  |

\*The above data were provided by research institutes or laboratories around the world, including Harvard Medical School, Tampere University, Academy of Sciences of the Czech Republic, Beijing Gyenege Analytical and Testing Center, Fourth Affiliated Hospital Laboratory of Nanchang University, City University of Hong Kong, etc.

**Official Certification**  
**Authoritative Testing**

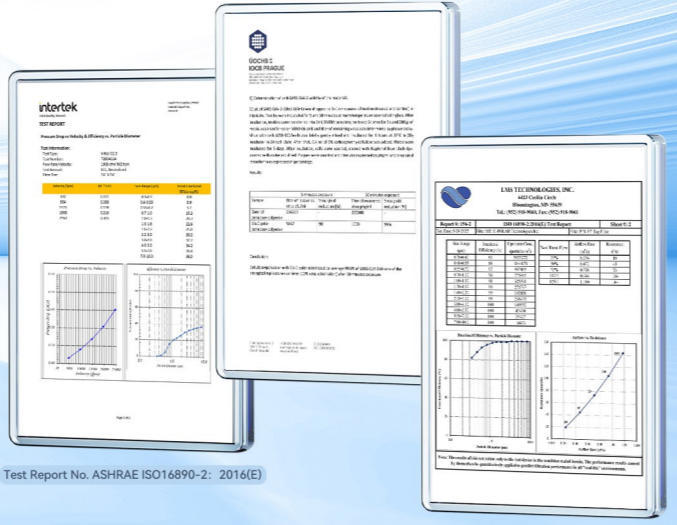
Bacteria & Virus Removal Reports



Test Report No. 2023FM00333R01, 2023FM00333R02, 2023FM00333R03, 2023FM00333R04, 2020FM20686R01, ISO 20743:2013, ATCCR20083115F, IRITS202112110001

**Laboratory Testing**  
**At Reputable Institutes**

Test Report No. NRL\_6632\_2/2020



Test Report No. ASHRAE ISO16890-2: 2016(E)

Test Report No. 22080243HKG-001

**4-stages Progressive Filtration**  
**360° Barrel Shaped Design**

- 01 Washable Pre-Filter**  
Filtration of contaminants such as hair, dander and dust.
- 02 HEPA Filter**  
Highly efficient interception of 0.3µm particulate matter.
- 03 Activated Carbon Filter**  
Up to 80% filtration area  
Absorbs harmful fumes and gases
- 04 DP Filter**  
Rapid capture, inactivation and elimination of viruses and bacteria



**Product Parameters**

|                           |                      |
|---------------------------|----------------------|
| Model name                | AP-F50/H             |
| Applicable area           | 60m <sup>2</sup>     |
| Case Material             | ABS                  |
| Fan speed                 | 1/2/3/A              |
| CADR (Formaldehyde)       | 128m <sup>3</sup> /h |
| CADR (Particulate Matter) | 449m <sup>3</sup> /h |
| Noise                     | ≤62dB(A)             |
| Input power               | 40W                  |
| N.W                       | 9.5kg                |
| G.W                       | 12kg                 |
| Dimension                 | 320*320*657 mm       |

**Release of millions of negative ions**  
Essential for infant & mom and vulnerable population

Particulate CADR **449m<sup>3</sup>/h**  
Suitable Area **28-60m<sup>2</sup>**



Air quality feedback in four colors and accurate real-time PM2.5 data display

- GOOD
- GENERAL
- POOR
- VERY POOR

**Remote Control for Mobile Phones**

