



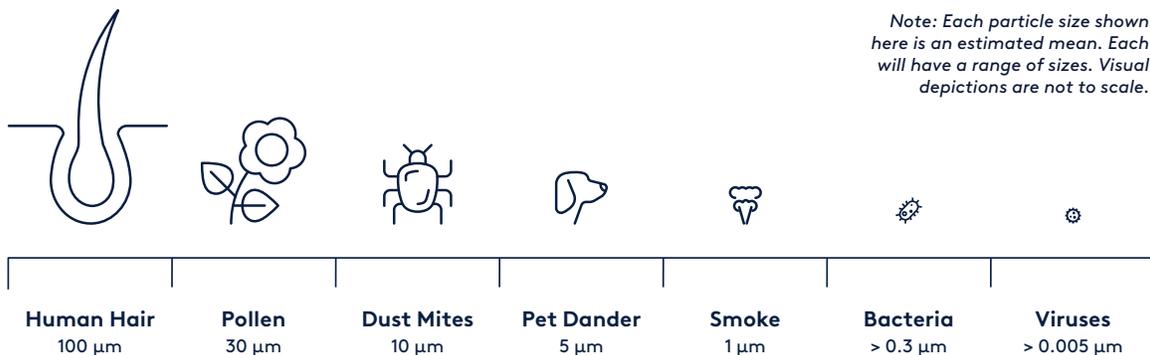
“Delos Powered by Healthway” Compact Air Purification System

Patented technology: The “Delos Powered by Healthway” Compact air purification system has patented technology which utilizes electrostatic precipitation combined with mechanical filtration to capture and deactivate particles, bacteria, and viruses. It also creates a bacteriostatic environment, where microorganisms are unable to multiply inside the filter.

Performance verified by third-party lab testing: The technology deployed in the air purification system captures viruses and bacteria, particulate matter (PM2.5 and PM10), and ultrafine particles as small as 0.007 microns at 99.99% efficiency* (SARS-CoV-2, the virus that causes Covid-19, ranges in size from 0.06-0.14 microns).

NOT ALL FILTRATION SYSTEMS ARE CREATED EQUAL

Tested to remove particles 40x smaller than HEPA filter standards



DELOS STAND-ALONE SOLUTION - 99.99% efficient at 0.007 microns*

HEPA FILTER - 99.97% efficient at 0.3 microns**

MERV 13 FILTER - less than 75% efficient at 0.3 microns

* Individual particle sizes and specific particle size ranges may have different filtration efficiency rates.

** The removal efficiency of HEPA filters for particles smaller than 0.3 microns is not included in standard HEPA testing.



CARB certified safe levels of ozone as a byproduct:

The filtration process may produce ozone as a byproduct; however, third-party laboratory test results show the ozone emission concentration to be less than 0.050 parts per million (ppm), and the compact air purification system has been certified by the California Air Resources Board (CARB) as meeting their standards for ozone emission.

Portable but powerful:

The “Delos Powered by Healthway” Compact air purification system is a modular, plug-and-play solution that is perfect for bedrooms, hotel rooms, offices and classrooms. Each unit covers up to 550 square feet, and multiple units may be deployed to increase air turnover, particularly in larger or more highly occupied spaces.

Air Filtration Technology Comparison

	“Delos Powered by Healthway” Compact Air Purification System	Typical Mechanical Filter	Typical Sorbent Media Filter	Bipolar Ionization	UV-C Irradiation
Deactivate Bacteria and Viruses (antimicrobial treatment)	✓	✗	✗	Varies ¹	✓ ²
Capture Bacteria (> 0.3 µm)	✓	✓ <small>(requires MERV 13 or higher rating)</small>	✗	Varies ^{1,3}	✗
Capture Viruses (> 0.005 µm)	✓	✓ <small>(requires HEPA filter)</small>	✗	Varies ^{1,3}	✗
Remove PM10 (particle size 2.5 µm - 10 µm)	✓	✓	✗	✓	✗
Remove PM2.5 (particle size 0.1 µm - 2.5 µm)	✓	✓ <small>(requires MERV 13 or higher rating)</small>	✗	✓	✗
Remove Ultrafine particles (particle size <0.1 µm)	✓	✓ <small>(requires HEPA filter; testing is needed to determine efficacy)</small>	✗	Varies ³	✗
Remove Volatile Organic Compounds (VOCs)	✓	✗	✓	✓	✓
Meets Ozone Emission Standards ⁴	✓	✓	✓	⚠ ⁵	Varies ⁶

- Laboratory and real-world efficacy testing would need to be evaluated to determine if they support claims of antimicrobial efficacy.
- Deactivates microorganisms on-the-fly as they pass through the irradiated zone. However, due to limited exposure time, this process requires high doses of UV light. This makes the implementation of UV irradiation in the HVAC system complicated.
- As a result of bipolar ionization, bacteria, viruses, and ultrafine particles may stick together, becoming larger particles, and fall from the air to surfaces more quickly. While this process may remove the particles from the air (which in effect is similar to particle capture), the particles may then still be transmittable if encountered on the surface.
- Ozone generation/emission testing is required for air purifiers in order to satisfy applicable safety requirements (e.g., ozone safety limits required by CARB).
- Different designs and modes of engineering of bipolar ionization technologies vary in ozone emissions. In addition, the ions released into the air can react with oxygen and other particles, leading to additional production of ozone, as well as generation of ultrafine particles.
- UV-C technologies may generate ozone.