



**safe** Workplace  
Products

**Air Purification System**  
Workplace





## REMOVE **99.998%** OF VIRUSES, BACTERIAS & FUNGUS WITH A SAFE-T AIR PURIFICATION SYSTEM



Safe-T Air Purification products offer superior air purification through sophisticated filtration systems, high volume airflow capacity, and lower sound levels than any other premium air purifier on the market today.

The Air Purifier is a Medical Grade Air System capable of filtering 24,150 cubic feet per hour at the industry's lowest noise level. Higher volume airflow means fewer units are required, which results in higher efficiency and lower cost.

### DON'T JUST FILTER POLLUTANTS - DESTROY THEM



Dust Particles



Pollen



Volatile Organic Chemicals



Mold



Allergens



Viruses



Odors



Bio-Aerosols



Nitrous Oxide



Formaldehyde



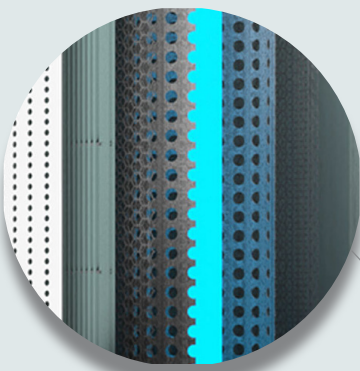
# HOW IT WORKS

The Air Purifier draws air in from 360 degrees around the device. As the air is drawn through the bottom of the unit, it passes through the HEPA-Rx Filter, the Activated Carbon Filter, and the Germicidal UV-C+ Photocatalytic Nano-TiO2 chamber.

At the final stage, the purified air moves through the Revitalizing Negative Ion Generators near the air outlet and releases negative ions into the air.



## VIRUS & BACTERIA DESTRUCTIONS



Ultraviolet Light (UV) & Titanium Dioxide Chamber (T102) degrade chemicals, damages bacterial membranes, inactivates viruses, and oxidizes VOC's

## RE-ENERGIZE THE AIR



The negative ion generator makes indoor feel more pure, clean, and energized to help combat fatigue

## TOUCHLESS CONTROL



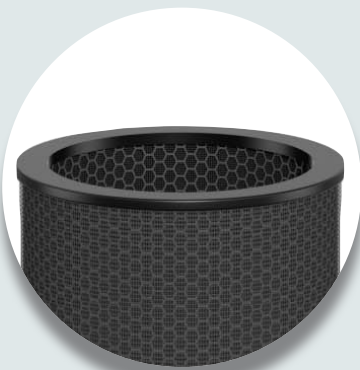
Hand Gesture Control Sensor helps prevent cross-contamination

## DIGITAL DISPLAY



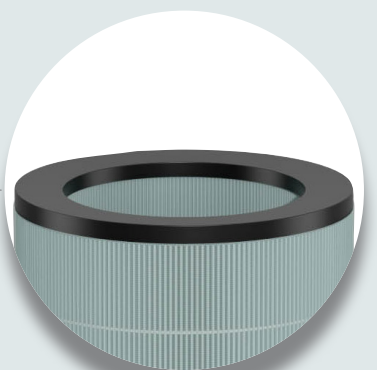
Shows levels of airflow, power, light, and UV indicator

## ABSORPTION PROCESS

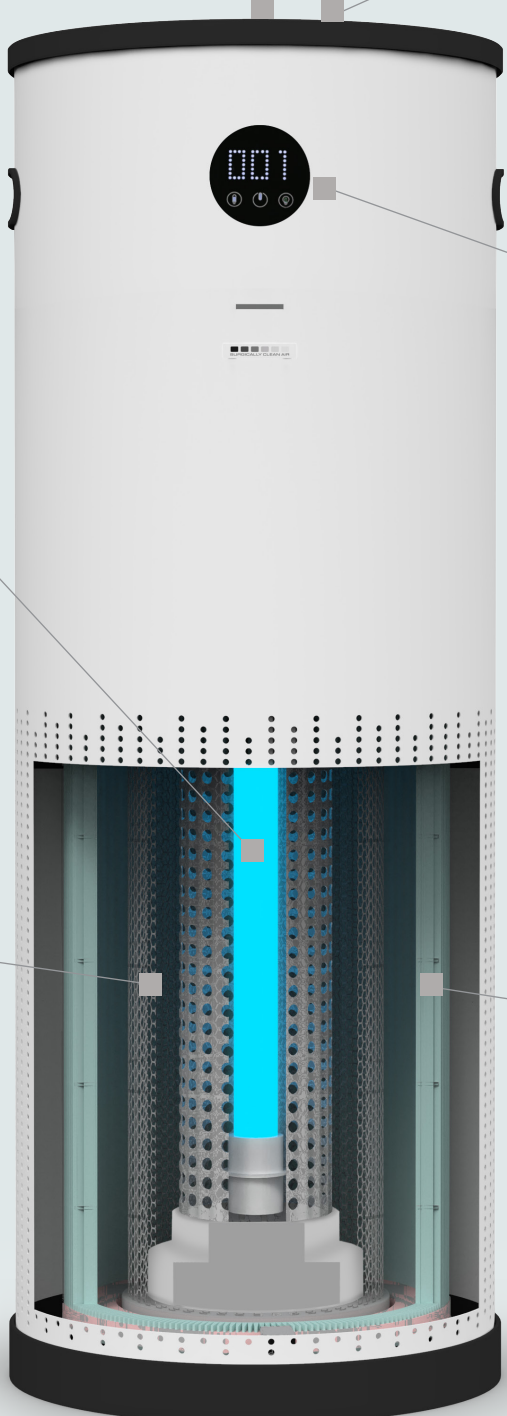


Activated Carbon insert absorbs VOC's (Volatile Organic Compounds)

## PARTICLES CAPTURE



HEPA-Rx filter removes 99.998% of particles 0.1 microns in size that's the size of a typical virus





MEDICAL GRADE

CLEANS & SANITIZES INDOOR AIR

Safe-T Air Purification products use a 4-step, 6- stage air purification process that doesn't just remove the smallest particulates of pollution; it DESTROYS them.

The Pre-Filter & HEPA-Rx Filter stage captures ultra-fine particulates, 99.998% of particles at 0.1 microns and 99.2% of particles at 0.0025 microns.

Covid-19 virus is at 0.12 microns.

TOUCHLESS CONTROL



Wave a hand above the air purifier to turn it on and off and to switch between the work modes to ensure safety and avoid cross-contamination.

AIR PURIFIER STANDS

Raise air intake to mouth level to ensure that harmful exhalations and floating air pollutants are captured before spreading around. The two heights are designed to draw air in from 360 degrees around the air purification device in a standing or seated position. Mobile stand features heavy-duty locking casters that can easily transport the air purification unit to another area.



HIGH-VOLUME AIR FLOW

To achieve the best indoor air quality in a commercial space, it is advised to reach 3-6 air changes per hour (ACH). Safe-T Air Purification products move 24,150 cubic feet per hour at medium speed at the industry's lowest noise levels.

To calculate the correct number of air purification units, the following factors are taken into consideration: air changes per hour (ACH), airflow rate - Cubic Feet per Minute (CFM) with a fan working at low, medium, high, or turbo speed, and a space size - ceiling height, room length, and width.



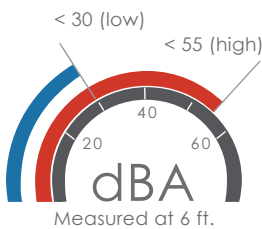
4 SPEED OPTIONS

Safe-T Air Purification features 4 fan speed options to purify your indoor air. The speed affects the force of air pushed through the filter to capture and destroy harmful particles. It also affects the sound level produced by a running fan.

AIR VOLUME FLOW IN CUBIC FEET PER MINUTE (CFM)

Low Speed: 153 | Medium Speed: 230 | High Speed: 312 | Turbo: 406

WHISPER QUIET



Noise-canceling sound dampening design keeps the sound volume at very low levels. Noise level at low fan speed is 30dBA; high fan speed is 55dBA.

PREVENTING THE SPREAD OF VIRUSES BY INCREASING AIR CIRCULATION

Viruses can spread from person to person in tiny particles of water and aerosols. These microscopic aerosols are released when we breathe, talk, yell, or sing. Larger droplets quickly fall to the ground, while aerosols may stay floating in the air for hours and can travel long distances. Harmful aerosols can build up if the indoor air is not circulated properly.

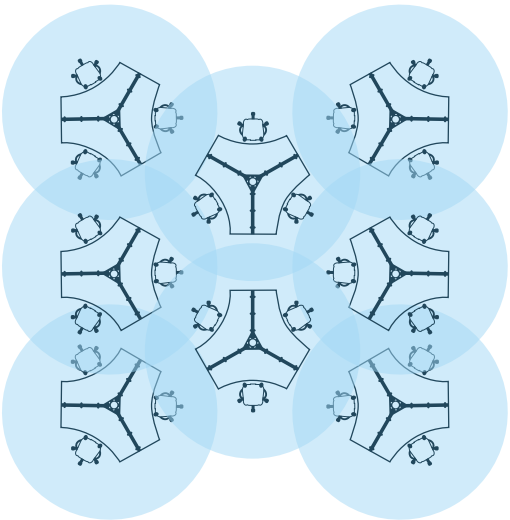
Correct air circulation inside offices, schools, and homes will reduce the spread of harmful viruses in aerosols.

One way to measure air circulation is to calculate how often the air is completely replaced in a space. This is called Air Changes per Hour (ACH). In a 30-foot by 30-foot classroom with 25 students, the air should be replaced at least every 15 minutes, which equals an ACH of 4. If the air is replaced at least every 10 minutes, there is a higher ACH of 6, which is much better. The higher ACH lowers the risk of disease spreading through the air.

Ventilation with recirculated air like standard HVAC systems will not reduce the risk of virus spread. The air must be recirculated through a High Efficiency Particulate Absorbing (HEPA) filter. Common standards require that a HEPA filter must remove at least 99.97% of particles whose diameter is at least 0.3 microns.

PROTECT YOUR BUILDING WITH A BLANKET OF CLEAN AIR

Safe-T Air Purification products are suitable for classrooms, private offices, cafeterias, gymnasiums, meeting rooms, reception, or open areas. Our experts will design a perfect solution for you.

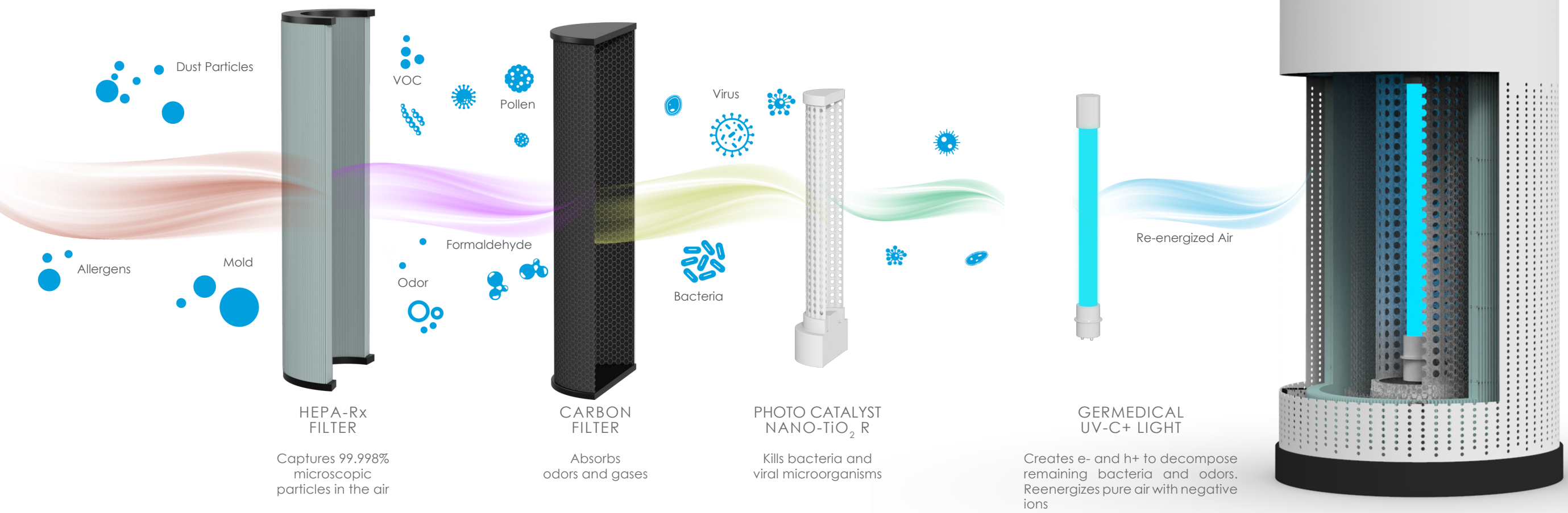




# 6 STAGES OF AIR PURIFICATION

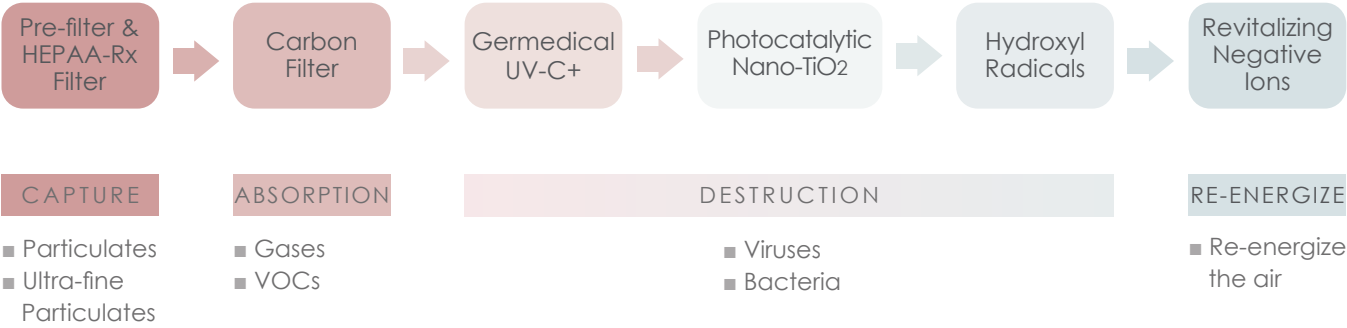
Safe-T Air Purification systems utilize multi-stage air purifying technologies that work together to clean, purify, and re-energize the indoor air.

MEETS MERV (13-16) CATEGORIZATION OF ANSI STANDARD 52.2



## MERV

- A filter's Minimum Efficiency Reporting Values (MERV) is used to measure how well filters remove different sized particles in the air.
- A MERV rating of 13 or higher (MERV 13 +) means that the filter gets rid of at least 90% of the particles the size of virus-containing aerosols.
- High-Efficiency Particulate Air (HEPA) filters are designed to exceed the highest MERV rating.



Safe-T Air Purification systems with HEPA Rx ultra-fine particulate filter captures 99.998% of particles that are even smaller than aerosols. Any remaining particles, odors, or viruses that pass through the HEPA Rx filter are absorbed by a dual-stage Carbon filter or destroyed by super oxidizing Photocatalytic Nano-TiO2 chamber.

At the final stage of air filtration, negatively charged ions make the air feel more pure, clean, and energized to help combat common fatigue.

PRODUCT SPECIFICATIONS

SCA\*



SCA-X\*



MODEL NAME	SCA-B / SCA-W	SCA-X-B / SCA-X-W
DIMENSIONS	26"H x 12"W	33.5"H x 12"W
WEIGHT	25.4 lbs	30.6 lbs
FAN SPEED	4 Speeds, Auto Mode	4 Speeds, Auto Mode
SOUND LEVEL (MEASURED AT 6FT)	Low <30dBA   High <55dBA	Low <30dBA   High <55dBA
ULTRAFINE PARTICLE FILTER	HEPA-Rx	HEPA-Rx
ACTIVATED CARBON FILTER	√	√
GERMICIDAL UV-C+ BULBS	√	√
HYDROXYL RADICAL REACTIVITY CHAMBER	√	√
REVITALIZING NEGATIVE ION CHAMBER	√	√
AUTO FUNCTION	√	√
AIR QUALITY SENSORS	√	√
CONTROL PANEL	Hand Wave Sensor	Hand Wave Sensor
POWER	120V, 60HZ	120V, 60HZ

\* Both Models available in Black or White



WHEN DO THE FILTERS NEED TO BE CHANGED?



The HEPA-Rx filter needs to be changed once a year (running 24/7)



The Activated Carbon filter needs to be changed 2-3 times a year (running 24/7)



The Germicidal UV-C+ needs to be changed in just under one year (running 24/7)

FOR MORE INFORMATION

Contact Safe-T Sales Team  
CleanAir@SafeT.net  
678-879-0777  
SafeT.net/air-purification-system



## SAFE-T WORKPLACE PRODUCTS

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678.879.0777

Learn more online at [SafeT.net](http://SafeT.net)