

AIR PURIFIER

catalog

PROVIDING THE BRIDGE...

...to a

greener
environment





SCIENTIFIC AIR S400

Airborne pathogens are a significant source of nosocomial infections. 35% of HAI infections can be transmitted through the air. The CDC reports that these airborne microorganisms **cause 23%-35% of HAIs**. Hospital-associated infections threaten patient safety and HAI prevention is a critical focus in acute care hospitals and clinics.

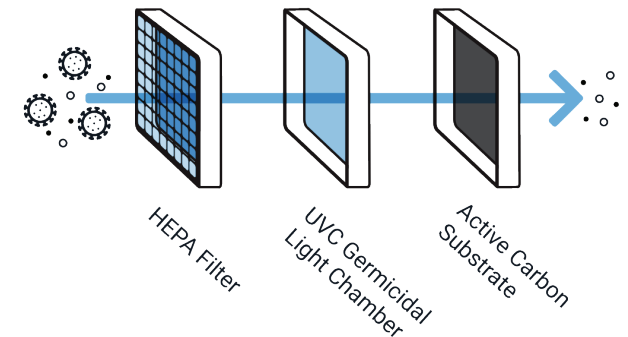
Our **Scientific Air S400** portable medical-grade air purification system uses proprietary 3-stage technology. This effectively destroys airborne microorganisms and viruses, including SARS-CoV-2, Influenza, Norovirus, RSV, Rubeola, Varicella, C diff, TB, Candida Auris, Streptococcus, Mold, and other airborne pathogens.

- Air processing rates of 400 cubic feet per minute.
- HEPA filters capture large volumes of airborne particulates and contaminants.
- UVC 254nm light chamber traps and destroys microscopic pathogens.
- The active carbon substrata help remove germs and odors.
- Digital display tracks and reports vital data on in-room airflow and quality.
- Complies with EPA and FDA guidelines, no emissions or ozone. Safe and Green.
- Safe for use in healthcare settings for patients and staff in occupied spaces.
- No installation - use right out of the box.

The laboratory-tested bio-aerosol test chambers eliminate up to **99.9995% of viruses, bacteria, and mold**. They also remove up to 99.97% of non-viable particulate matter, destroy odor, and remove VOCs in a standard room in minutes!

How Scientific Air Works

Proprietary HEPA filters capture large volumes of airborne particulates and contaminants. Scientific Air's ultraviolet germicidal light chamber traps and destroys microscopic pathogens. Proprietary active carbon substrata technology helps remove germs and odors.





AIROCID[®] AIR PURIFIERS

Welcome To The Clear Air Revolution

The most advanced PCO technology on the market

Common filter-based air purifiers will only trap certain particles. Most bacteria, mold spores, viruses, and VOCs will pass right through a filter and continue to be a problem in your home. The NASA-developed photocatalytic oxidation (PCO) technology in Airocide purifiers doesn't just catch particles -it destroys them completely.

More than a Filter

Unlike a common filter's ineffective "screen door" style design, Airocide actually destroys the particles and gasses in the air that are harmful to people, patients, customers and businesses alike. HEPA filters cannot do this- they just trap what they can for later disposal, while what they allow through is circulated back into the surrounding air. Compared to common air filters, only Airocide is proven effective against all organic microorganisms. From mold, fungi and allergens, to volatile organic compounds (VOCs), bacteria and viruses; Airocide systems mitigate airborne threats by inactivating these contaminants inside the systems and recirculating only clean, fresh air.

Completely safe

Producing no ozone or other harmful emissions, Airocide is completely safe. It's so safe that it was used upon NASA's Columbia Shuttle. In fact, Airocide is listed by the FDA as a Class 2 Medical Device providing medical grade air purification used in healthcare and surgical settings around the world.



Advanced Technology

Airocide uses a process called photocatalytic oxidation (PCO) to destroy particles that can't be caught by filters. It's a clean and safe technology, uses very little power, and actively destroys allergens, viruses, and VOCs such as formaldehyde and ethylene gas- along with the odors they cause. Maintenance is simple for both our residential and commercial lines, and will keep your unit effective for years.

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APS-200 2.5 PM



APS-300

For Your Home & Smaller Commercial Spaces

An air purifier that destroys viruses and other particles that affect your air quality. The APS-200 PM 2.5 also scrubs inorganic particulate from wildfires out of the air.

Perfect for destroying viruses and addressing other organic air quality issues.

Suggested for bedrooms, kitchens, and smaller office spaces.



GCS-25

GCS-50



GCS-100

For Healthcare and Larger Commercial Office Spaces

Discover our Professional Series air purifiers. The GCS 25 is a small-space unit for direct intervention where air quality is a concern, such as lavatories and conference rooms. The GCS 50 is the industry standard, perfect for public spaces and waiting rooms. The GCS 100 has the largest catalyst surface area in the series, and eliminates bioparticulate. In critical large-space situations, such as intensive care units, infusion centers and common areas like hotel lobbies, waiting rooms, and restaurants.

No need to integrate with HVAC systems, simply mount, plug in, and turn on. Suggested for office, retail, healthcare, class rooms, and hospitality setting.



HD-1200

HD-25000



HD-Titan 100

For Large Commercial Spaces

The HD series of Airocide units are designed with two-stage air purification and powerful throughput for fast sanitization. The HD-1200 is a compact unit, ideal for storage rooms. The HD 1500 is mid-size and provides coverage for walk in coolers, offices, and similarly sized spaces. The HD-25000 and HD-Titan are the largest units in our portfolio, and quickly eliminate both airborne threats and bioparticulate in critical large-space applications, such as laboratories, class rooms, production lines, event venues, gymnasiums, and transportation environments.

As with all Airocide models, no need to integrate with HVAC systems, simply mount, plug in, and turn on. Suggested for the largest of commercial and industrial spaces.

FOR COMMERCIAL APPLICATIONS PLEASE VISIT
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REFRESH AIR PURIFIER SYSTEM

Creating Fresh, Outdoor Air, Indoors.

Air quality backed (and tracked) by science. Lightweight, and easy to use, air purification products with air particle tracers that measure clean airflow in all your buildings and workplaces at the touch of a button.

Clear the air with HydroClear Technology

The only system that creates fresh, new air instead of recycling stale, spent air. Most air purifying systems passively gather pollutants in filters, waiting for pollutants to come to them instead of actively hunting them down, where they are. HydroClear Technology passively captures pollutants with filters, while also creating Hydroxyls to actively seek out and destroy them.

The Refresh's simple and modern design allows it to easily fit into any home or office setting. It combines the innovation of HydroClear Technology with easy-to-use features, allowing you to remain comfortable in any space.



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BREEZE AIR PURIFIER SYSTEM

Breeze with UVC to reduce the transmission of airborne bacterial and viral infections.

The Breeze is small but mighty! Our doctor recommended this compact active air purifier equipped with two filtration speeds, a whisper-quiet fan, and our HydroClear Technology™. It removes 99.97% of pollutants while creating new, clean air, making it great for offices, dorms, bedrooms, and travel.

Breeze was explicitly created with back-to-work logistics in mind, specifically targeting elevators, pods, and ambulances. It is intended for areas of 160 sq. ft. or less... ClearZone has conducted primary field research on our HydroClear **Breeze**, a portable generator used in small, occupied spaces.... CDC states that ultraviolet air irradiation is an effective means of "reducing the transmission of airborne bacterial and viral infections in hospitals.



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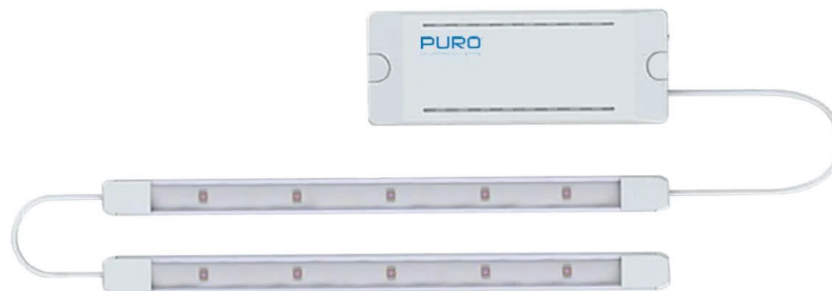
FIGHTER MINI LED FOR ICE MACHINES

Powerful Disinfection, Perfect for Any Ice Machine

Utilizing the Power of UVC LEDs for Safer, Healthier Environments

Fighter Mini LED for Ice Machines

UVC light has been recognized for over 100 years for its powerful germicidal properties. By incorporating this technology into ice machines, PURO Lighting presents a transformative solution for ensuring the purity of ice used in healthcare settings. For the first time, you can do this with UVC LEDs, which offer an environmentally-friendly, mercury-free alternative to traditional UVC lamps—combining energy efficiency, longer lifespan, and compact design for versatile and reliable disinfection applications in healthcare.



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ABOUT US

Founded in 1973, CHEMEX INDUSTRIES, INC. is an Irvine, California-based distributor of specialty chemicals, safety supplies, and equipment. Chemex services industry, municipalities, food services, hospitals, nursing homes, schools, and government by providing an extensive line of environmentally safe solutions for all your maintenance needs and safety requirements.



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