

Air Filtration Solutions

For Your Business

Why is clean air important?

Taken historically, poor indoor air quality is a relatively new problem.

The focus on making structures more energy efficient over the past couple of decades has led builders toward a systems-based approach to the building envelope creating an airtight structure that doesn't leak and waste energy. Windows are also more robust, and air conditioning and heating systems provide a comfortable indoor temperature.

In addition, a vast majority of HVAC systems operate in stand-by mode, allowing air to move only when needed to temper it to the desired level of comfort.

The result? Stagnant air with indoor pollutants within indoor spaces.

How bad is the problem? According to the EPA, Americans spend roughly 90% of their time indoors, where concentrations of some pollutants can be two to five times higher than typical outdoor concentrations. Indoor pollutants can lead to health problems such as headaches and respiratory diseases.

A filtration solution could provide the peace of mind you need to keep students, clients, customers and employees safe from contaminants.

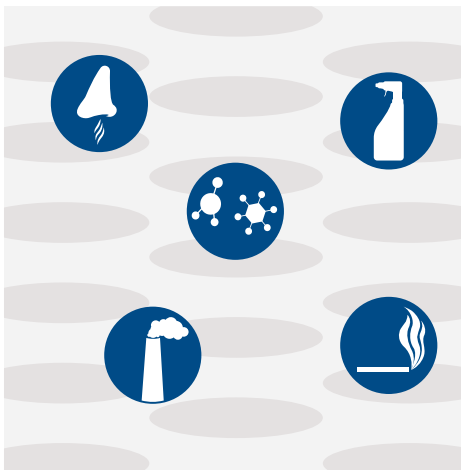


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With 3 step filtration, every breath you take is fresh air.

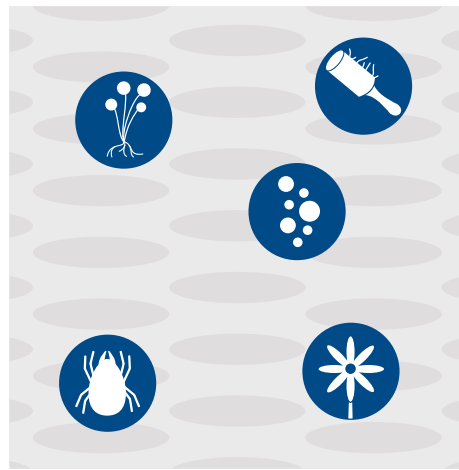
Activated Carbon Filter Removes gaseous compounds such as odors and VOCs

- Smoke
- Gases
- Cleaning Chemicals
- Odors
- VOCs (volatile organic compounds)



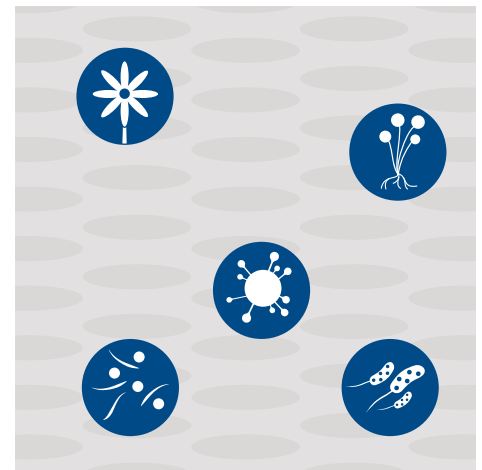
MERV 8 Filter Collects particles as small as 3 microns

- Dust
- Dust Mites
- Lint
- Pollen
- Mold



HEPA Filter Traps 99.997% of airborne particles

- Viruses
- Bacteria
- Allergens
- Pollen
- Mold



Oftentimes, the biggest culprit behind poor indoor air quality is what we can't even see or detect.

Did you know that the air you breathe in your home can be up to 70% more polluted than outdoor air? From cooking to pet dander, everyday activities and items can compromise the quality of your home's air—and, ultimately, your health.

Volatile organic compounds

VOCs are compounds that release gases made up of carbon that can be toxic in high levels. These compounds are capable of evaporating under normal indoor conditions, which is why concentrations of VOCs are typically higher indoors. In fact, the EPA notes that VOC concentrations can be up to 10 times higher inside versus outside.

Sources of VOCs

More than 10,000 compounds can be classified as VOCs, and there are numerous products within our homes that expose us to them. Some of the most common items where VOCs are often present include:

- Air fresheners
- Wood cleaners
- Paints
- Building materials
- Solvents

Our Solution



HS300 & PHS300

2000 sq.ft.

These filtration systems are designed to clean and filter the air in a 2000 square foot space every hour.

Plug & Play

Both models come with a 5-ft power cord. With easy-to-reach filters, service and maintenance is simple.

Variability

These systems can be used in a variety of applications. The HS300 can be wall mounted while the PHS300 can be moved by the wheels and placed on just about any floor.

Why Filter?

3 steps of filtration is better than one.



MERV-8 FILTER

Catches mold spores, dust and pollen particles.



CARBON FILTER

Absorbs main VOCs such as aromatics, esters and ketones, smoke and other odors.



HEPA FILTER

Captures bacteria, legionella and pet dander.

Technical Specifications

Voltage / Phase (V/~)	120V / 1-
Rated power (W)	180 W
Max current (A)	1.5 amps
Height (in (mm))	22 (557)
Depth (in (mm))	12 (307)
Width (in (mm))	17 (431)
Shipping weight (lbs (Kg))	28 lbs (12.7 Kg)

Applications



Classrooms

Teaching students is your job, and it can be tough at times but is very rewarding. In every classroom there is more than just knowledge being shared. Many classrooms can have allergens, dirt, dust, and germs floating around. Keeping the whole class safe means filtering the air around them. If kids are the future, it's important to keep their air under control.



Hair Salons

Cutting hair means getting to know your clients. In the process of cutting hair there are more than just words being shared. While giving someone a sense of confidence through their haircut you are releasing hair, dander, hairspray, and chemical cleaners into the air. Take care of your customers by filtering the air that they breathe, that way you can keep them coming back.



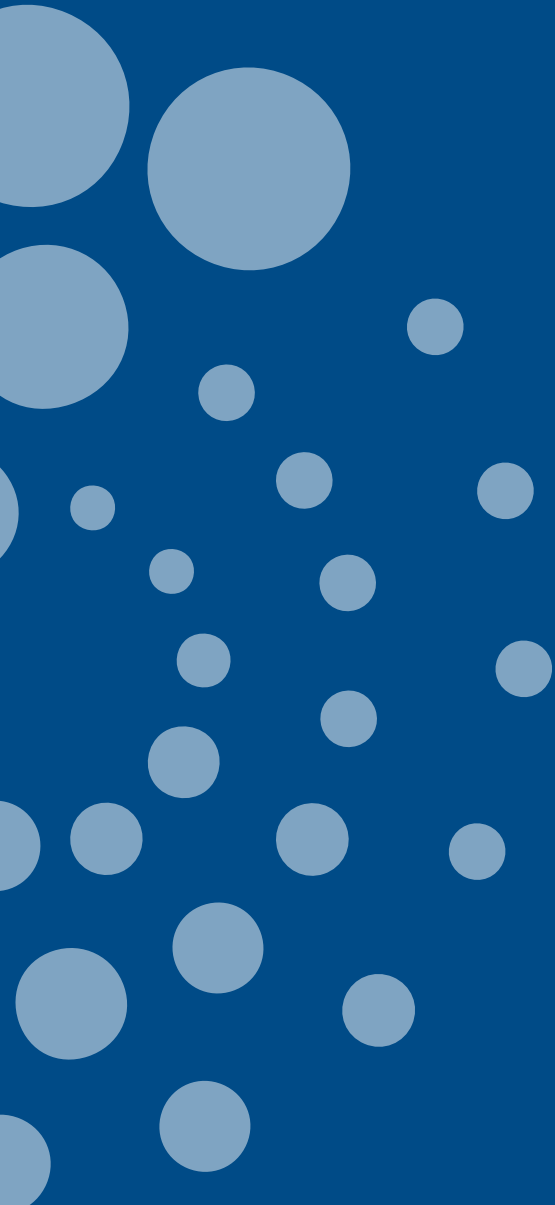
Waiting Rooms

Working in a doctor's office you know how important health is. You diagnose problems and alleviate pain that people can't see. However, you don't always know what could be in the air around you especially in high traffic areas like a waiting room. You would hate to have a patient come to see you and leave more sick than when they arrived. Filtering the air they breathe means you are truly thinking about their health.



Office

At the office you never know when someone is refusing to take their sick day. You have to take you and your colleagues health into account. With everyone being more health conscious it will help everyone in the office rest assured that they are safe at work.



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