



fresher inside



Healthy Climate®
HEPA Filtration
System

Near perfect
filtration for
your home

Take a closer look at what's in your air. And the ideal way to get it out.

Indoor air quality is a bigger concern than ever. Today's homes tend to be better insulated, and sealed more tightly against the elements. While this is great for energy conservation, it can be detrimental to air quality, because it means the particles that enter your home tend to stay there. Your indoor air may be full of airborne pollutants and bioaerosols like mold, pollen, dust, dirt and bacteria, and if these particles are circulating in your air, they can have an important impact on your family's health. Fortunately, there's a powerful, innovative solution that can make all the difference. A Healthy Climate® high-efficiency particulate air (HEPA) bypass filtration system.



A better way to filter.

A Healthy Climate HEPA bypass filtration system is capable of removing nearly all allergy-inducing contaminants, including even the smallest particles and bacteria. In fact, HEPA filtration is so effective, you'll find the same technology used in hospital operating rooms and science labs across the country. Healthy Climate HEPA bypass filtration systems are 99.97% effective at removing particles down to .3 micron in size—particles that can't be stopped effectively with ordinary filtering media.

Finding a solution

The problem	Why it's a problem	The solution
 Particles (Pollen, dust mites, dirt, pet dander)	Small, respirable particles can aggravate allergies and respiratory conditions.	High-efficiency particulate air (HEPA) bypass filtration systems are designed to capture even the smallest of particles and keep them from recirculating back into your home's air. HEPA filtration systems provide fast, effective cleaning, completely filtering the air throughout your home many times a day.
 Bioaerosols (Bacteria, viruses, mold spores, fungi)	Biological contaminants like mold can cause or worsen asthma, as well as hay fever and other allergies.	
 Odors/Chemical Vapors (Perfumes, cleaning supplies, paints, solvents, pet odors, cooking fumes)	Airborne chemicals can cause headaches, fatigue, nausea, rashes, dizziness and, in some cases, severe illness.	

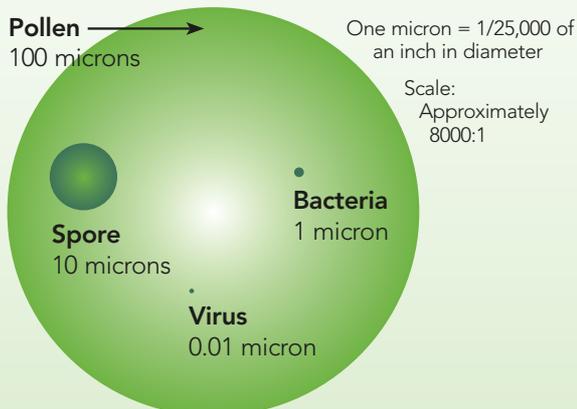


revitalize your home from *inside*

Relief for respiratory difficulties.

For family members who suffer from respiratory ailments, Healthy Climate® HEPA filtration can bring welcome relief. By filtering air as it circulates through your home comfort system, you're able to improve the environment in every room. So you can create a healthier home with greatly reduced circulation of allergy triggers like mold, pollen and pet dander.

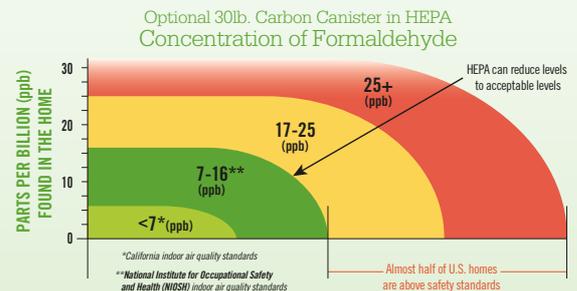
Respirable particles and bioaerosols



Source: Pennsylvania State University

Optional Carbon Canister

HEPA filtration systems achieve the best possible air-filtration performance, and with the optional carbon canister they have the ability to absorb odors and chemicals from indoor air and remove ozone from outdoor air. The carbon canister also reduces toxins like formaldehyde, recognized by the U.S. EPA as a human carcinogen, to safe levels. Ask your dealer how the toxins in your home's air can be measured by an independent lab to develop a plan to reduce them to acceptable levels.

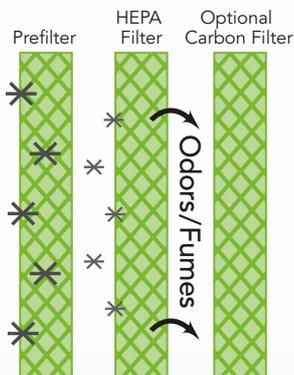


Almost half of U.S. homes fall above safety standards. HEPA can reduce levels to acceptable levels.

HEPA filtration process

Your home comfort system acts like a vacuum, pulling dirty air into your Healthy Climate® HEPA bypass system. It then goes through a three-step cleaning process.

1. Prefiltration, which captures large dirt and dust particles.
2. HEPA filtration, which captures nearly all remaining particles and bioaerosols.
3. Charcoal/carbon filtration, which removes odors and chemical fumes. An optional carbon canister is available for enhanced absorption.



The Healthy Climate® HEPA bypass filtration system.

- “True” HEPA filtration media – 99.97% efficient at removing particles and bioaerosols down to 0.3 micron in size.
- Optional carbon canister helps trap and remove odors and toxins like formaldehyde.
- Provides a complete whole-house filtration solution that cleans the air in your home several times a day.
- The sealed bypass design keeps particles from escaping and entering circulation again.
- Low operating costs.
- The insulated cabinet prevents condensation.
- ASTM E981 tested to be free of sensory irritants.



HEPA-20
HEPA-40
HEPA-60



3 lb Carbon HEPA-20
6 lb Carbon HEPA-40 & 60
30 lb Carbon HEPA-40 & 60



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