

Healthy Climate® Indoor Air Quality Systems

HEPA-20 HEPA-40 HEPA-60

The best possible air filtration.



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High-Efficiency Particulate Air (HEPA) Filtration Systems

99.97% efficiency rating for removal of all small, breathable particles, airborne mold spores, bacteria and viruses, down to 0.3 micron

Bypass configuration quietly circulates and cleans the air throughout the home

Designed for easy integration with Lennox® heating and cooling systems for total home comfort

Best possible air-filtration performance

Pollutants like dust, pollen, bacteria and viruses find their way into your home's air every day. These pollutants can cause poor indoor air quality, which impacts both your home environment and health. At the very least, poor air quality can make your home uncomfortable. And, if you're one of more than 50 million Americans who suffer from allergies, poor air quality can make your home very unhealthy.

HIGHLY EFFECTIVE AIR FILTRATION FOR A CLEANER, HEALTHIER HOME ENVIRONMENT.

A Healthy Climate® high-efficiency particulate air (HEPA) bypass filtration system can go a long way toward improving the air you breathe. Using the same filtration technology found in hospital operating rooms and science labs, a HEPA system removes nearly all allergy-inducing contaminants, including even the smallest particles and bacteria.

It filters and freshens the air, so you can breathe easier.

WARRANTY

5-year limited warranty on covered components.

Highly effective filtration.

With a particle-efficiency rating of 99.97%, this system captures and filters particles and bioaerosols as small as 0.3 micron—contaminants that standard filtration systems simply can't stop.

Benefits of good indoor quality.

Health – An environment virtually free of potentially harmful contaminants.

Cleanliness – A home environment with a minimal amount of dust, dirt and odors.

Comfort – Proper humidity, air distribution and temperature control.

THREE CLASSES OF AIR CONTAMINANTS



Particles—Pollen, dust mites, dirt, pet dander. Particles are any substances measuring less than 100 microns in diameter.



Bioaerosols—Bacteria, viruses, mold spores, fungi. Microscopic living organisms that grow and multiply in warm, humid places.

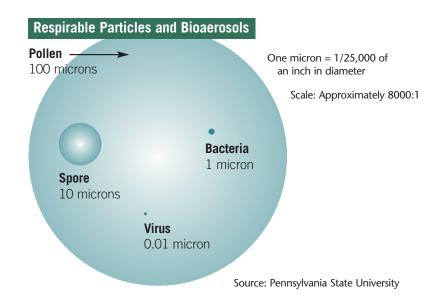


Odors/Chemical Vapors— Pet odors, cooking smells, perfumes, tobacco smoke, chlorine, cleaning supplies, paints, solvents.

Air contaminants in the form of gases.

Near-perfect particle filtration.

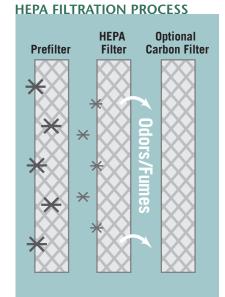
Healthy Climate® HEPA bypass filtration systems are up to 99.97% effective in removing small, breathable particles, airborne mold spores, bacteria and viruses as small as 0.3 micron. (Particles smaller than 2.5 microns pass through the lungs and into the bloodstream, increasing the likelihood of illness.) This minimizes your exposure to potentially harmful pollutants.



Powerful, yet quiet, performance.

The system acts like a vacuum, drawing air out of the main duct, cleaning it and cycling it back into your home. This filtration process involves three main steps:

- 1) Contaminated air passes from the duct to the prefilter, which traps large dirt and dust particles.
- Air then flows through the HEPA filter, which captures nearly all remaining particles and bioaerosols.
- 3) Finally, air passes through a charcoal/carbon filter (optional) to absorb odors and fumes.





- "True" HEPA filter media Up to 99.97% efficient in removing particles and bioaerosols as small as 0.3 micron
- Optional carbon canister Helps trap and remove odors
- Fast, effective cleaning Completely filters the air in your home several times a day
- Sealed, bypass design Contains particles and keeps them from escaping
- Low operating costs Uses the same electricity as an average light bulb

HEPA Filtration System Specifications			
	HEPA-20	HEPA-40	HEPA-60
Typical Applications*	Single rooms	Whole home (1500-2500 sq. ft.)	Whole home (up to 3500 sq. ft.)
Power Consumption (nominal measured)	124 watts	124 watts	220 watts
Sound Level	60 dB	58 dB	64 dB
MERV 6 Prefilter Life	12 mos.**	12 mos.**	12 mos.**
Carbon Canister Life (optional accessory)	6 mos.***	6 mos.***	6 mos.***
HEPA Filter Life (min.)	2 vears†	2 vears†	2 vears†

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

Warranties noted apply to residential applications only and are limited. Please see actual warranty for details.

**Based on holding capacity of 24 grams of dust and 0.5 i.w.c. final pressure drop.





^{*}Refer to engineering and installation handbook for complete details.

^{***}Based on reducing the TVOC level in airstream from 500 to 200ug/m3 with continuous operation at 72-80°F and 50% RH, with chemicals representative of those found in indoor air (i.e., ethyl alcohol tested to ASTM D 5160-95).

[†]Based on holding capacity of 48 grams of dust and 1.5 i.w.c. final pressure drop.



TOTAL LENNOX COMFORT

Lennox® heating, cooling and air quality products are designed to deliver comfort efficiently and economically—not only as individual products, but also as a system solution. Installed together, Lennox products deliver on every comfort count: quiet operation, even temperatures, balanced humidity, consistent airflow and healthy air quality.

DEALERS YOU CAN COUNT ON

Choosing the right dealer for your heating, cooling and indoor air quality needs is every bit as important as choosing the right brand. We think you'll agree that our dealers are a big reason why you can count on getting quality customer service when you call.

