



LENNOR
INNOVATION NEVER FELT SO GOOD.™

Healthy Climate®
Indoor Air Quality
HEPA Systems



HEPA-20
HEPA-40
HEPA-60

The best possible air filtration



Innovation never felt so good.™

High-Efficiency Particulate Air (HEPA) Filtration Systems

99.97% efficiency rating for removal of small, breathable particles at 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

Combats all classes of pollutants—particles, bioaerosols and odors/chemical vapors*—for best possible air filtration performance

*Optional carbon canister removes odors and chemical vapors.

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.

**Source: National Institute of Allergies and Infectious Diseases

WARRANTY

5-year limited warranty on covered components.

Benefits of good indoor air quality

Health – An environment with reduced levels 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.



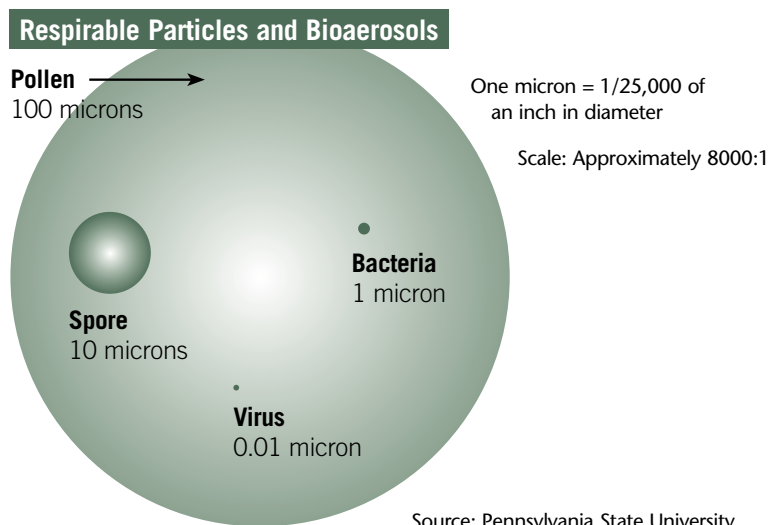
Bioaerosols—Bacteria, viruses, mold spores, fungi. Microscopic living or once living organisms that grow and multiply in warm, humid places.



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 99.97% efficient at removing small particles at 0.3 micron—contaminants that standard filtration systems can't effectively stop. 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.



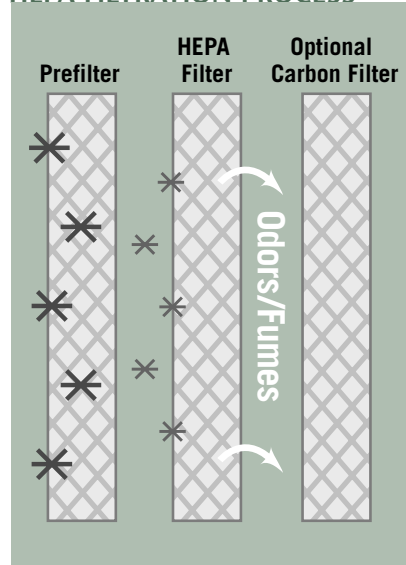
Source: Pennsylvania State University

Powerful, yet quiet, performance

The system acts like a vacuum, drawing air out of the return duct, cleaning it and then cycling it back into your home. The system can also operate independently of your HVAC system to isolate and filter a specific area of your home. The filtration process involves three main steps:

- 1) Contaminated air passes through a pre-filter, trapping large dirt and dust particles.
- 2) Air then flows through the HEPA filter, which captures nearly all remaining particles and bioaerosols.
- 3) Finally, air passes through a charcoal/carbon filter in the standard unit to absorb odors and chemical fumes. An optional carbon canister is available for enhanced absorption.

HEPA FILTRATION PROCESS



- ◆ “True” HEPA filter media – 99.97% efficient at 0.3 micron in removing particles and bioaerosols
- ◆ Optional carbon canister – Helps trap and remove odors
- ◆ Fast, effective cleaning – Completely filters the air in your home many times a day
- ◆ Sealed, bypass design – Retains particles and keeps them from escaping
- ◆ Low operating costs
- ◆ Insulated cabinet prevents condensation
- ◆ ASTM E981 tested to be free of sensory irritancy

HEPA Filtration System Specifications

	HEPA-20	HEPA-40	HEPA-60
Airflow (nominal) at 120 VAC	180 CFM	250 CFM	500 CFM
Power Consumption (nominal)	125 watts	125 watts	225 watts
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.)	2-5 years*	2-5 years*	2-5 years*

*Will vary based on the severity of the environment.

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.





- 1 Air conditioner or heat pump
- 2 Thermostat
- 3 Furnace or air handler
- 4 Filtration device
- 5 Germicidal light
- 6 Indoor coil
- 7 Humidifier
- 8 HEPA bypass filtration system
- 9 Energy recovery ventilator
- 10 Supply duct
- 11 Return duct

CONTINUOUS COMFORT NETWORK

Lennox® heating, cooling and indoor air quality products are designed to provide efficient, economical comfort—not only as individual units, but also together as an integrated system. This combined network of products delivers on every comfort count, from consistent temperatures and balanced humidity to improved indoor 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 our dealers are a big reason you can count on quality customer service when you call.



LENNOX

HOME COMFORT SYSTEMS
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