

Healthy Climate®  
Electronic Air Cleaner

# BETTER PLACE™



## LENNOX' ELITE® SERIES

Indoor Air Quality Systems



# LENNOX' ELITE® SERIES HEALTHY CLIMATE® ELECTRONIC AIR CLEANER HELPS TO CREATE A HEALTHIER HOME ENVIRONMENT.

## LENNOX MAKES YOUR HOME...A BETTER PLACE™.

*For more than 100 years, people have trusted Lennox to keep them comfortable. With Elite® Series indoor air quality systems, that tradition continues. Among the many innovative solutions is the*

*Healthy Climate® electronic air cleaner, which removes unwanted particles from the air. No matter which system you choose, you can count on Lennox to make*

*your home healthier and more comfortable...*

**A Better Place™.**

### A safeguard for your home—and your family's health

Pollutants like pollen, bacteria and dust find their way into your home's air every day. These pollutants can cause poor indoor air quality, which in turn may cause dizziness and headaches, plus aggravate allergies and asthma.

Lennox' Healthy Climate® electronic air cleaner helps protect your home from unwanted pollutants. It improves the air you breathe by capturing irritants 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.)

#### Respirable Particles and Bioaerosols

**Pollen** →  
100 microns



**Spore**  
10 microns

**Bacteria**  
1 micron

**Virus**  
0.01 micron

One micron = 1/25,000 of an inch in diameter  
Scale: Approximately 8000:1

Source: Pennsylvania State University

### An effective way to clear the air

The Healthy Climate electronic air cleaner filters out many contaminants that lurk in your indoor air—even the smallest contaminants that most standard filters simply can't stop. In fact, the air cleaner is so effective, it's considered equivalent to a MERV 12\* filter. By comparison, a typical disposable filter is rated MERV 1.



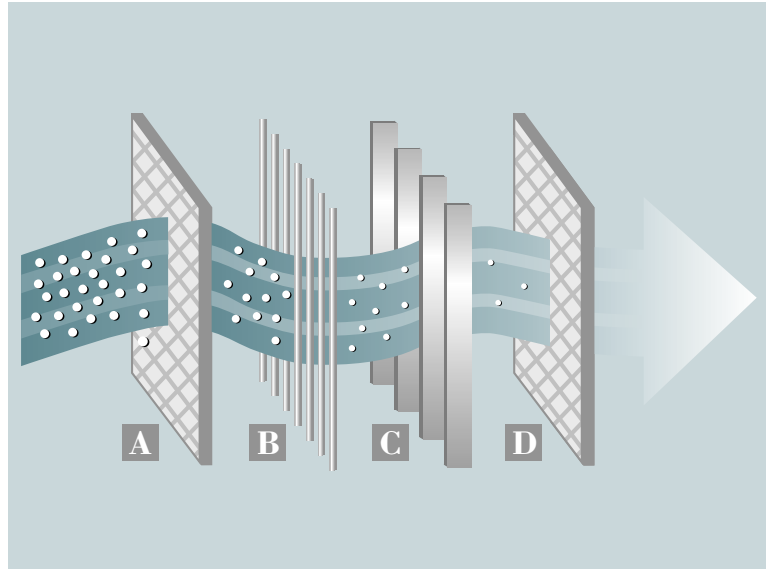
\*The "MERV" rating of a filter describes the size of the holes in the filter that allow air to pass through. The higher the MERV rating, the smaller the holes in the filter, which means enhanced particle-removing performance. An EAC is not a filter, therefore the MERV rating is for comparison purposes only. An EAC must be maintained on a monthly basis in order to maintain the rated efficiency.

## BREATHE EASIER WITH A LENNOX ELITE® SERIES HEALTHY CLIMATE® ELECTRONIC AIR CLEANER.

### How it works

The Mayo Clinic has found that air cleaners attached to whole-house systems are generally more effective than freestanding air cleaners. The Healthy Climate® electronic air cleaner installs easily in the return air side\*\* of your HVAC system where a standard filter would typically be placed. Here, recirculated air passes through the cleaner and:

- A. A prefilter traps large pollutants, like dust and dirt particles.
- B. Ionizing wires give remaining particles a positive electrical charge.
- C. A negatively charged filter collects the positively charged particles.
- D. An optional carbon filter absorbs odors.



### How it helps

- ◆ Removes up to 94% of unwanted particles in the air—irritants such as pollen, dust mites and bacteria.
- ◆ Improves air quality and HVAC system performance. By trapping pollutants, the air cleaner helps increase the efficiency and reliability of your HVAC system.

**We build to the highest standards. We stand behind our warranties.**

The Healthy Climate Electronic Air Cleaner is backed by a five-year limited warranty on covered components.

\*\*One unit should be used in each air handler and model selection should be based on the size of the air handler.

#### HC-EAC Specifications

Model	EAC-14	EAC-16	EAC-20
MERV rating	12	11	11
Overall Dimensions HxWxD (in.)	19-1/16 x 29-11/16 x 6-7/8	23-3/8 x 25-1/2 x 6-7/8	23-3/8 x 29-11/16 x 6-7/8
Overall Dimensions HxWxD (mm)	484.2 x 754.1 x 174.6	593.7 x 647.7 x 174.6	593.7 x 754.1 x 174.6

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



*The Asthma and Allergy Foundation of America does not endorse any commercial products.*



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

### **Total Home Comfort**

Lennox is committed to providing you with the finest home comfort and indoor air quality systems. At Lennox, we understand how important it is for you to feel comfortable at home.

### **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.

**LENNOX**<sup>®</sup> *A better place*<sup>®</sup>  
**HOME COMFORT SYSTEMS**

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