

# Electronic Air Cleaner



Turn to the Experts.™

Performance™  
SERIES



Keep Your Air Cleaner and Fresher All Year Round

## Efficiency

For about the cost of operating a 40-watt light bulb, you can improve the indoor air quality in your home. The Carrier electronic air cleaner operates with a very low static “pressure drop”, which helps reduce unit and system operating cost.

“Pressure Drop” is airflow resistance. A heating and air conditioning system is designed to operate with a certain amount of air being circulated through it. If this airflow is not maintained, the system will not operate efficiently. Many high-efficiency filters have a high-pressure drop, restricting the proper amount of air circulating through the system. Quality air filters will have this “pressure drop rating” listed in their filter literature.



# Things to Consider Before You Buy

## Indoor Comfort and Cleaner Air

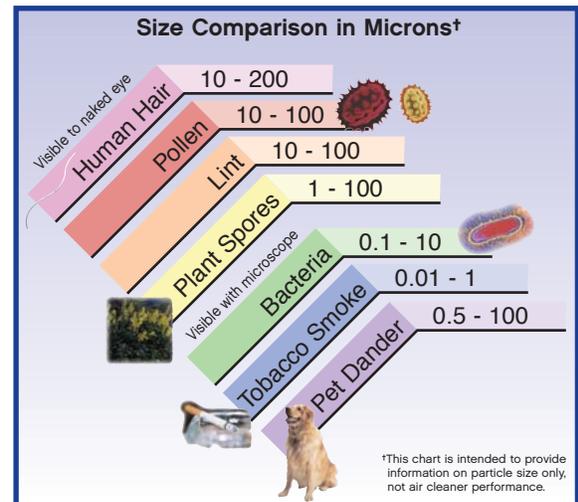
Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. Your Carrier dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.

- With tighter construction of today's homes, even the cleanest homes can harbor dust, dirt, pollen, pet dander, mold and other airborne contaminants.
- These airborne pollutants can be circulated throughout your home by the heating and air conditioning system, potentially causing flare-ups of allergy or asthma symptoms for the occupants of the home.
- Carrier's electronic air cleaner is specifically designed to filter out a large percentage of these airborne particulates, helping to keep your air cleaner and fresher all year round.

## Electronic Air Cleaner

When your Carrier system is equipped with an electronic air cleaner, your indoor air passes through the electronic cells of the air cleaner before it circulates throughout your home.

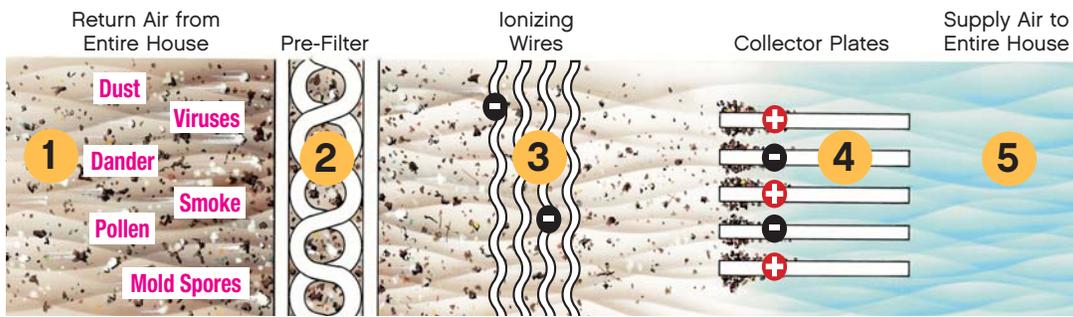
- The Carrier electronic air cleaner will filter out particulates as small as .01 micron, allowing it to capture smoke and some viruses, which are among the smallest airborne household contaminants.
  - Carrier high-efficiency electronic air cleaner captures particles: .01 – 100
  - Carrier high-efficiency media filter captures particles: .3 - 100
  - Standard one-inch fiberglass filter captures particles: 10 – 100
- Carrier electronic air cleaners are designed to work seamlessly with Carrier heating and cooling systems. The cells can be washed and reused, eliminating the need to purchase replacement filters.
- Cleaning your electronic air cleaner cells regularly is very important. Your cells should be cleaned every three months.



## Continuous Fan Operation

For optimal comfort and air cleaning, operate your heating and air conditioning system in the continuous fan or “fan on” mode. In this mode, the blower stays on even when there is not a call for heating or cooling. The air in your home is continually circulated and cleaned, keeping the temperature in your home more even.

# Filter Your Air for Better Indoor Air Quality



The Electronic Air Filtration System is Carrier's most efficient, removing up to as much as 68% of the dust and pollutants from your indoor air.



## Technology

- 1 The air in your home prior to filtration is loaded with contaminants.
- 2 Larger particles are removed by the aluminum mesh pre-filter.
- 3 The smaller particles pass through the pre-filter to the ionizing section where they receive an electrical charge.
- 4 These "charged" particles are then attracted like magnets to rows of grounded plates. (They remain on the plates until they are washed away during cleaning.)
- 5 The cleaned air is channeled to your indoor coil or furnace where it is cooled or heated and then distributed into your home.
- 6 Carrier thermostats have a clean filter indicator that is based on operating time to remind you to clean your air cleaner.

## Warranty

Carrier electronic air cleaners come standard with a five-year limited warranty. Extended warranties are also available, so see your Carrier dealer for more information.





## Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



Turn to the Experts.<sup>SM</sup>

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