



# EAC ELECTRONIC AIR FILTRATION SYSTEM



ENHANCE YOUR INDOOR COMFORT WITH CARRIER'S EAC ELECTRONIC AIR FILTRATION SYSTEM

# ENJOY CLEANER INDOOR AIR IN YOUR HOME.

## IAQ

Improving your indoor air quality can greatly enhance your family's overall indoor comfort.

Today, most of us spend more than 90% of our time indoors. And since indoor air is often dirtier than outdoor air, it's very important to consider air quality when building an indoor comfort system. That's why Carrier recommends that you enhance your Carrier system with the EAC Electronic Air Filtration System.

## FILTER

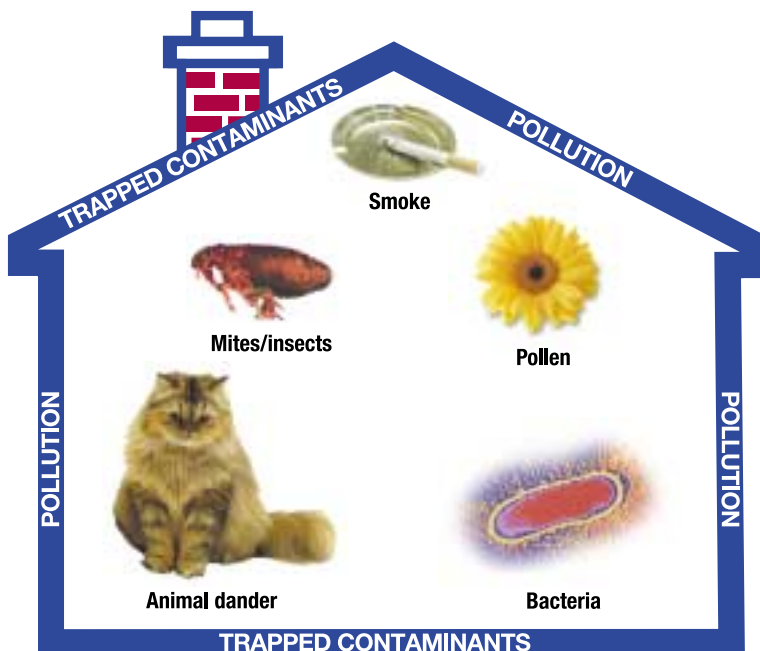
Dust, dirt, pollen, molds and other contaminants are often recirculated throughout your home. This dirty air can damage your furnishings as well as aggravate allergy and asthma symptoms of your family. As an important component of your Carrier system, the EAC Electronic Air Filtration System removes many of the airborne particles that easily pass through typical furnace filters. Capturing particles as small as .01 microns, Carrier's EAC Electronic Air Filtration System helps minimize the damage that airborne pollutants can do to your home furnishings and indoor comfort system, while improving your indoor comfort.



The EAC Electronic Air Filtration System can enhance the efficiency, durability and performance of your Carrier System. For about the maximum cost of operating a 40-watt light bulb, you can improve the indoor air quality in your home. The EAC Electronic Air Filtration System



operates with a very low static pressure drop, which helps reduce unit and system operating costs, saving you money when operating your heating and/or cooling system. Because the air circulating through your system is cleaner, the components inside the system stay clean, providing improved reliability and performance of your entire heating and cooling system.



Air Cleaners	STANDARD FURNACE FILTER									
	MECHANICAL FILTER									
Living Airborne Organisms	ELECTRONIC AIR CLEANER									
	BACTERIA									
	POLLEN				VIRUSES					
Smoke	PLANT SPORES									
	COOKING SMOKE & GREASE				TOBACCO SMOKE					
Minerals	ATMOSPHERIC & HOUSEHOLD DUST									
	ANIMAL DANDER									
	LINT									
Particle Size in Microns	100	10	5	2	1	0.5	0.1	0.01	0.001	
	Visible w/Naked Eye	Visible w/Microscope			Visible w/Electron Microscope					
Particle Number	0.1%		19.9%			80%				
Particle Weight	70%		29%			1%				
Most Staining Effect										
Most Likely Retained in Lungs										

**IMPORTANT NOTE:** The Electronic Air Filtration System cleans your air of the small size pollutants; the ones that irritate your lungs, eyes and sinuses the worst!

The chart shows typical pollutants that are removed from the air, providing cleaner air for your home.

# FILTER YOUR AIR FOR BETTER INDOOR AIR QUALITY.

## COMMITMENT

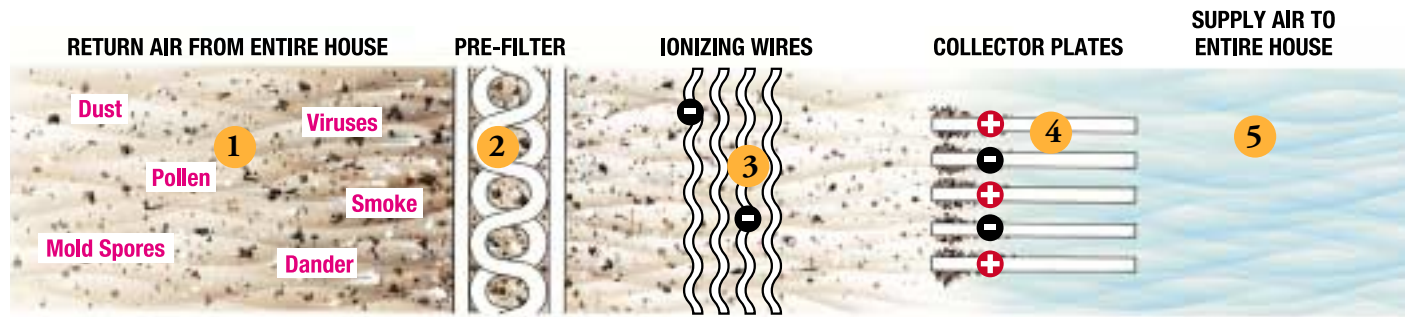
All of Carrier's indoor comfort products are designed to work together for optimum performance and energy efficiency. Our EAC Electronic Air Filtration System is no exception to that rule. For cleaner indoor air, greater indoor comfort, longer-lasting energy efficiency and enhanced system performance, ask your Carrier dealer about the EAC Electronic Air Filtration System.

## PERFORMANCE

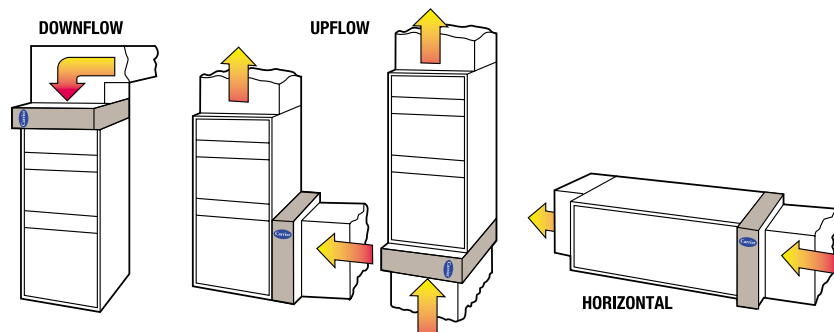
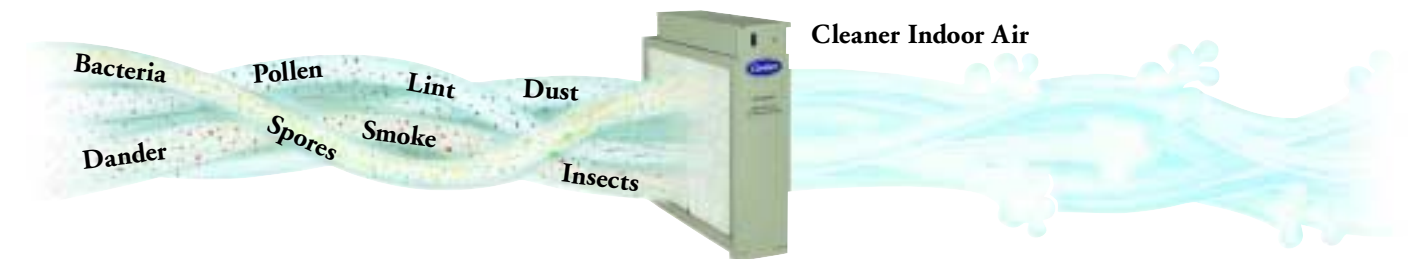
- 1 The air in your home prior to filtration is loaded with contaminants.
- 2 Larger particles are removed by the aluminum mesh pre-filter.
- 3 The smaller particles pass through the pre-filter to the ionizing section where they receive an electrical charge.
- 4 These "charged" particles are then attracted 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.



Carrier thermostats have a clean filter indicator that is based on operating time to remind you to clean your air cleaner.



The EAC 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.



### WARRANTY

You can count on cleaner indoor air with Carrier's EAC Electronic Air Filtration System because Carrier backs it in writing Carrier offers a **5-year limited warranty** on the entire unit. Extended warranties are also available. Ask your Carrier dealer for details.

Model Number	EACAAXCC0014	EACAAXCC0020
Size L" x H" x W"	25 x 20½ x 7¼	25 x 24½ x 7¼
Maximum Capacity (CFM)	1400	2000
Initial Dust Spot Efficiency at Rated CFM	68%	65%
Static Pressure Drop at Rated CFM	.11	.14

# CARRIER INDOOR COMFORT SYSTEMS OFFER UNMATCHED PERFORMANCE.

## CARRIER SYSTEMS

### Humidifier

As part of a total indoor comfort system, a Carrier humidifier replenishes moisture to dry, indoor air.

### Evaporator Coil

A Carrier evaporator coil is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service. If replacing your outdoor unit, Carrier recommends the replacement of the indoor section as well, to ensure peak performance and reliability.

### Furnace

Carrier offers a complete line of top-quality, high-efficiency gas and oil furnaces. Ask your Carrier dealer which one is right for you.

### Air Cleaner

Carrier air cleaners can substantially improve your indoor comfort by removing harmful and irritating airborne pollutants from your home.

### Air Conditioner

Carrier's complete line of air conditioners provides reliable, high-efficiency cooling for long-lasting comfort and energy savings. Ask your Carrier dealer about Carrier's environmentally sound air conditioners with Puron® refrigerant.

### Zoning

Comfort zoning allows you to set different temperatures for different areas of your home. Enjoy greater comfort and added energy savings with room-to-room temperature control.

### Comfort Ventilator

Carrier's comfort ventilator adds a breath of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned indoor air for improved air and energy exchanges.

### Thermidist™ Control

A Carrier Thermidist Control is your command center. Precise temperature control and programmable features keep you in touch with your comfort.



## MATCHING COMPONENTS PROVIDE OPTIMUM COMFORT, EFFICIENCY AND PERFORMANCE

- Forced-air systems are usually built around an indoor unit, such as a furnace or a fan coil.
- The outdoor unit, an air conditioner or heat pump, is combined with a furnace or fan coil for year-round comfort.
- Air quality is greatly improved with the addition of an air cleaner, humidifier and a ventilator.
- Precise temperature control comes from a Carrier thermostat matched to your indoor comfort system.
- Zoning provides the ultimate in control over your indoor comfort system.



## EXPERTISE

Carrier has been on the leading edge of the indoor comfort industry since Willis Carrier invented what we now know as air conditioning in 1902. Since that time, Carrier scientists, engineers and dealers have been providing homeowners with the most advanced indoor comfort technology available. This technological

advantage has enabled Carrier to customize indoor comfort systems for millions of homeowners nationwide.

Today, you can rely on your local Carrier dealer to evaluate your indoor comfort needs and suggest a customized system that fits those precise requirements. By

recommending the appropriate furnace, air conditioner, humidifier, air cleaner, ventilator, zoning system and controls, your Carrier dealer can deliver enhanced comfort while improving the efficiency of your system. Ask your Carrier dealer for a system evaluation today.



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