

Healthy Home Solutions from Carrier



turn to the experts™ 



Carrier Clears the Air for Enhanced Comfort

Things to Consider Before You Buy

You Can Enjoy a Cleaner, Fresher Indoor Environment

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. To take your indoor comfort to an entirely new level, Carrier® Healthy Home Solutions offers a comprehensive family of products designed to clean and refresh the air inside your home. These products include:

- Air purifiers and cleaners
- UV germicidal lamps
- The Infinity® System
- Fresh air ventilators
- Humidifiers
- Carbon monoxide alarm

If you could examine the air inside your home, you might be surprised to find contaminants such as viruses, bacteria, mold spores, pollen and animal dander. In fact, indoor air can be up to five times more polluted than outdoor air. Carrier Healthy Home Solutions offers a variety of air purification and filtration products that fine tune your indoor environment by removing these pollutants from the air you breathe.

The Infinity® air purifier offers extremely high air filtration efficiency and patented germicidal technology so effective it even captures and kills airborne pathogens such as bacteria, viruses and mold spores. And, the Infinity air purifier is as convenient as it is powerful because no cleaning is required. Just periodically replace a removable cartridge.

Regular filter changes are important. Carrier high-efficiency filters feature a design that allows for easy removal and even easier replacement.

- Dirty filters restrict airflow through your heating and air conditioning system, causing the system to work harder and be less efficient in maintaining your indoor temperature settings.
- Clean filters help your system operate at its peak performance and efficiency levels, helping you keep your utility costs down.
- It is recommended that your Carrier high-efficiency filter be changed at least:
 - Once a year – for standard fan operation
 - Twice a year – for continuous fan operation



Air Filtration Products

When your heating and air conditioning system is equipped with a Carrier® high-efficiency air filter, your indoor air is cleaned as it passes through the pleated media filter. The clean air is then circulated throughout your home.

	Best	Better		Good	
	Infinity® Air Purifier	EZ Flex™ Filter and Cabinet		Cartridge Filters and Cabinet	
Filtration Efficiency for Particle Sizes	MERV 15	MERV 13 (opt.)	MERV 10	MERV 11	MERV 8
3.0 - 10.0 microns	> 90%	> 90%	> 85%	> 85%	> 70%
1.0 - 3.0 microns	> 90%	> 90%	up to 65%	up to 80%	n/a
0.30 - 1.0 microns	up to 95%	> 75%	n/a	n/a	n/a
Germicidal Capability	Extensive (see next page)	None		None	
Filter	Disposable No cleaning required	Disposable No cleaning required		Disposable No cleaning required	
Warranty	10-year	10-year		10-year	



Infinity air purifier for furnaces



EZ Flex cabinet



Filter cabinet for furnaces



Infinity air purifier for fan coils



EZ Flex filter



Filter cabinet for fan coils



Cartridge filter

MERV 10 & 13

MERV 8 & 11

Infinity® Air Purifier

The Infinity® air purifier offers extremely high air filtration efficiency and patented germicidal technology so effective it even captures and kills airborne pathogens such as bacteria, viruses and mold spores. And, the Infinity air purifier is as convenient as it is powerful because no cleaning is required.

As Carrier's premium air filtration solution, the Infinity air purifier is the industry's best air purifier, offering an amazing ability to capture airborne particles as small as .01 microns. This product easily outperforms popular portable air cleaners as well as typical whole-home electronic air cleaners. And, it's simple and convenient to use because it eliminates the need for monthly filter cleaning – just replace the removable media 1-2 times per year.



CAPTURES & KILLS™

Carrier's Infinity Air Purifier is 200 times more effective than standard portable ionic air treatment.

Germicidal Capability

Patented, award-winning technology kills airborne bacteria, viruses and molds.

Physiology		Organism	Kill Rate*
Bacteria	Spore Forming	<i>Bacillus subtilis</i> (Anthrax surrogate)	97% ⁷
	Gram Positive	<i>Mycobacterium Parafortuitum</i> (Tuberculosis surrogate)	99.9% ⁷
		<i>Staphylococcus aureus</i>	97.5% ⁴ 100% ⁵
	Gram Negative	<i>Serratia marcescens</i>	96.6% ¹ 100% ⁴
		<i>Pseudomonas aeruginosa</i>	99.9% ⁷
Virus		<i>Morbillivirus</i> (Measles)	99.9% ¹
		<i>Vaccinia</i> (Smallpox surrogate)	99.9% ⁶
		<i>Coronavirus</i> (SARS)	99.9% ²
		<i>Influenza Wild Type A</i>	99% ¹
		<i>Human Influenza</i>	99% ²
		<i>Avian Influenza</i>	99.9% ³
		<i>Encephalomyocarditis picomaviridae</i> (Human cold virus surrogate)	99.99% ⁴
Fungi		<i>Aspergillus versicolor</i>	99% ⁷

* Kill rate claim is percentage of pathogens captured on the media that were killed or inactivated after continuous exposure to an energized system for the stated time period.

¹ After one hour exposure
² After two hour exposure
³ After five hour exposure
⁴ After six hour exposure

⁵ After 12 hour exposure
⁶ After 18 hour exposure
⁷ After 24 hour exposure

Fresh Air Ventilators

Newer, more tightly constructed homes are designed to conserve energy. At the same time, they can trap airborne particles, gases, unpleasant odors, and moisture allowing them to re-circulate throughout your home.

Carrier® fresh air ventilators work behind the scenes to remove these pollutants and refresh your indoor environment while saving energy. It's kind of like opening all the windows without letting heated or cooled air escape.



10
YEAR
LIMITED
WARRANTY

The Fresh Air Vent provides an alternative, economical solution to bring fresh air into your home. Although it doesn't have the heat exchange capabilities of an ERV or HRV, fresh air is introduced in a controlled way.

5
YEAR
LIMITED
WARRANTY

- HRV or ERV?
 - If you live in a colder climate with a longer heating season such as Canada or the northern United States, the HRV will provide the most comfort and efficiency.
 - In the midwest and southern states, where humidity removal is needed for the incoming air, an ERV provides year-round efficiency.

Ultraviolet Germicidal Lamps (UV Lights)

Mold spores, bacteria and fungi can invade the dark, damp surfaces of your cooling coil. Left unchecked, buildup of these contaminants can reduce system efficiency and release potentially harmful pollutants such as mold spores and unpleasant odors into the air you breathe.

As part of Carrier Healthy Home Solutions, the germicidal UV lamp bathes the cooling coil with intense UV-C light, helping to sterilize its surfaces while maximizing system efficiency and protecting the air you breathe.

- UV lights are mounted inside your system, near the indoor cooling coil, where fungus and microbes may grow and pollutants can collect.
- No cleaning is required. Simply replace the lamps once a year and you can continue to enjoy cleaner, healthier air and enhanced system efficiency.
- UV lights are designed to work in newer systems and can work in your current system as well. With a 10-year limited warranty, better air quality means reassurance like never before. The lamps are covered with a 90-day limited warranty.



10
YEAR
LIMITED
WARRANTY



Humidifiers

Overly dry air can cause itchy, cracked skin, dry nasal passages, annoying static shocks, and cracked woodwork. Adding a Carrier® humidifier can help alleviate these conditions.

In addition, more airborne moisture means less opportunity for dust and other irritants to circulate in the air that you breathe.

Carrier humidifiers can even help you save money on your energy bills since humidified air actually feels warmer than dry air – so your control can be set to a lower temperature.



Fan Powered Humidifier

- Durability and warranty
 - Durable casing – a Carrier industry first – our humidifier casing is designed to resist UV light damage, corrosion or accidental impacts for long-lasting functionality.
 - Carrier humidifiers include a 10-year limited warranty. See your Carrier dealer for more information.
 - Water saving bypass model is 100% efficient in water usage.



Bypass Humidifier

The Infinity® System

Carrier's patented Infinity System gives you ultimate control over temperature, humidity and airflow providing you the best in comfort and indoor air quality.

- The Infinity System delivers enhanced air cleaning capabilities with a nearly continuous flow of air through your system's filters. And, with our economical, multi-speed continuous fan, you can experience even greater air cleaning.
- True Sense™ dirty filter detection lets this system tell you exactly when your filters need to be cleaned or replaced. This feature greatly increases the likelihood that you will maintain optimum air cleaning performance.
- With Carrier's unique Ideal Humidity System® technology function, the Infinity System puts you in control of your humidity like never before, squeezing extra moisture out of the air during the cooling season and giving you control of your humidifier from one convenient location during heating.



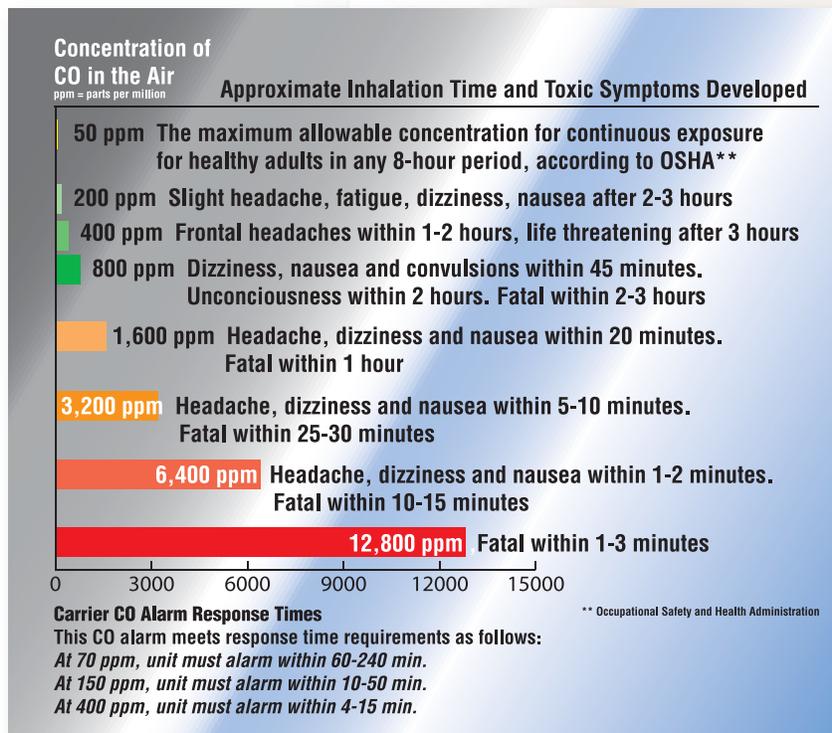
Carrier's patented Infinity® Control is the key to an Infinity System with unprecedented utility and ease of use.



Carbon Monoxide Alarm

Carrier® carbon monoxide alarms use sophisticated electronics and unmatched sensor technology to detect and record the levels of carbon monoxide (CO) circulating in your indoor air. You can monitor the current CO level in your home on a large, easy-to-read digital display. When dangerous levels of CO are present, a loud, audible alarm alerts you and your family, automatically.

- Carbon monoxide is a colorless, odorless gas produced by incomplete combustion of fuels such as natural and LP gas, kerosene, coal, wood and charcoal. Any fuel burning device, including appliances, automobiles, and fireplaces can produce CO.
- Exposure to CO can cause fatigue, chest pains, impaired vision and coordination, headaches, dizziness, confusion, nausea, and can even be fatal.
- Every year, there are more than 2,000 fatalities in the United States from CO produced by improperly installed or maintained fuel-burning appliances.
- Carrier recommends placing a carbon monoxide alarm on each level of the house and in every bedroom.
- The carbon monoxide alarm's peak level memory allows health care professionals to quickly assess the level of exposure in the event of an alarm.
- A rechargeable lithium ion battery ensures continued detection and warning even during a power outage.
- For peace of mind, you can check to see if your CO alarm is functioning properly with the simple push of a button.





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.

This Box is to be used as a knock-out for a non-varnished area on a full-spread, full-bleed varnish plate.



turn to the expertsSM 

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