

Indoor Air Quality Products Offering Healthy Home Solutions



Carrier clears the air for enhanced indoor comfort



What You Can Expect From Carrier

Innovation, efficiency, quality: Our Carrier® Healthy Home Solutions offers superior control over the quality of your indoor air and as a result, improved comfort. From air purification and filtration to humidity control, ventilation and more, these products represent the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century. In 1902, that's the year a humble but determined engineer solved one of mankind's most elusive challenges – controlling indoor comfort.

A leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservations, art and historical conservation, indoor comfort and much more. Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations.



Designed with Your Comfort in Mind

Carrier® Healthy Home Solutions represents years of design, development and testing with one goal in mind – maximizing your family's comfort. Along the way, we have taken the lead with new technologies that deliver the superior performance you demand while staying ahead of industry trends and global initiatives. With innovations like Captures & Kills™ technology and superior humidity and airflow control, whatever your need, Carrier has a solution that's perfectly tailored for you.

Ready to Clear the Air?

The EPA has found that indoor levels of many air pollutants are often higher than outdoor levels. Brought on by everyday activities like cooking and cleaning, indoor air pollutants can put you and your family at risk, while generally making for a less comfortable, less efficient home. For instance, carbon dioxide levels in today's "tight", energy-efficient residences can quietly climb above 1,000 parts per million. But with a detailed, quick-read indoor air analysis through your Carrier® dealer, you'll know exactly what steps to take to clear the air.



All We Need to Start Is an Electrical Outlet

Using the indoor air analyzer, your Carrier® dealer can provide test results in about 30 minutes, then get right to work addressing your home's air quality issues. Included with your report are good, better and best solutions to fit the specific needs of your home. Enhanced air quality solutions from Carrier might include products from our full line of air purifiers, ventilators, humidifiers, dehumidifiers, UV lamps and carbon monoxide alarms.



Make the Invisible Visible: Common Indoor Air Issues		
Issue/Source	Symptom	Solution
Particle Allergens Pets, plants, smoke and activities like cooking and cleaning	Known to trigger and worsen asthma and allergy symptoms	Air Purifier
Chemical Pollutants Air fresheners, personal care items, paint, glue, plastics and carpet off-gassing	Nausea and headaches. At high levels, can cause eye irritation	Ventilator
Carbon Dioxide Simple breathing. Burning candles, gas, wood and other combustibles	Drowsiness, poor concentration	Ventilator
Carbon Monoxide Fuel-burning devices like furnaces and stoves	CO poisoning – headache, dizziness, weakness, upset stomach, chest pain and confusion	CO Alarm
Relative Humidity Too much or not enough moisture in the air	Moist air – mold and dust mites Dry air – nosebleeds, dry eyes and skin	Dehumidifier, Humidifier
Mold and Bacteria Dampness	Coughing, respiratory issues	UV Lamp

Infinity® Air Purifiers

Healthier Air for Your Home

The patented Infinity® air purifier is ideal for homeowners with allergy concerns, those susceptible to airborne germs (such as infants and the elderly), and those sensitive to the effects of molds, pollen, pets and more. It's our premier air cleaning and purification solution, providing the highest tested germicidal effectiveness with a 99% inactivation rate against selected viruses, bacteria and fungi. And considering most of us spend about 90% of our adult lives indoors, it's an important consideration for enhancing the environment inside your home.

Independent lab testing on the Infinity air purifier technology has shown a 99% germicidal effectiveness (inactivation) within 24 hours for the following:

- Viruses – Human influenza, common cold, avian influenza, wild type A influenza, measles, smallpox surrogate, and coronavirus (SARS)
- Bacteria – Bacillus subtilis, Mycobacterium parafortuitum (tuberculosis surrogate), Staphylococcus aureus, Serratia marcescens, Pseudomonas aeruginosa, and Streptococcus (causes sore throat)
- Fungi – Aspergillus versicolor

10
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LIMITED
WARRANTY*

99%
Germicidal
MERV 15



Furnace Model



Fan Coil Model



Innovation

Electronic air cleaners can do a great job filtering pollutants out of your home. Our Infinity® air purifier with Captures & Kills™ technology takes it to the next level by “killing”, or deactivating airborne irritants. It's the same technology trusted to protect secure government facilities and hospital room patients.



Indoor Environment

The air inside your home can be up to five times more polluted than outdoor air, spreading disease, or triggering allergic or asthmatic reactions. The Infinity® air purifier treats 100% of the air flowing through your home comfort system using a unique, three-step process. Step 1: Precision point ionization charges particles as they enter the purifier. Step 2: A specially designed, continuously charged media captures airborne particles. Step 3: Patented, state-of-the-art technology kills captured viruses, bacteria, and mold and can prevent further growth of bacteria and fungi on the filter.



Efficiency

Air filtration systems are measured with the Minimum Efficiency Reporting Value (MERV) using a scale from 1 – 16, the higher the number the better. At MERV 15, the Infinity® air purifier offers our highest filtration efficiency for enhanced indoor comfort and cleaner, more energy-efficient operation of your heating and cooling system.



*Limited Warranty

To the original owner, the Carrier® Infinity® air purifier is covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty. See warranty certificate at carrier.com for complete details and restrictions.

Performance™ Air Purifier

How Clean is Your Indoor Air?

The EPA has identified indoor air pollution as a high priority public risk. Pollen and mold spores enter through doors and windows, bacteria and viruses spread between family and friends, fine dust particles get kicked up from floors and furniture, dander and hair fall from pets – and it all circulates in the air that you breathe inside your home. The Performance™ air purifier is our competitively priced model with patented Captures & Kills™ technology. It offers a high rate of effectiveness against cold and flu viruses while filtering at an excellent MERV 13 efficiency.

Independent lab testing on the Performance air purifier technology has shown a 96% germicidal effectiveness (inactivation) within 24 hours for the following:

- Viruses – Human influenza and common cold
- Bacteria – Streptococcus (causes sore throat)



Use with either furnaces or fan coils



Innovation

Electronic air cleaners can do a great job filtering pollutants out of your home. Our Performance™ air purifier with Captures & Kills™ technology takes it to the next level by “killing”, or deactivating airborne irritants including selected viruses and bacteria. It’s the same technology trusted to protect secure government facilities and hospital room patients.



Indoor Environment

The air inside your home can be up to five times more polluted than outdoor air, spreading disease, or triggering allergic or asthmatic reactions. The Performance™ air purifier treats 100% of the air flowing through your home comfort system using a unique, three-step process. Step 1: Precision point ionization charges particles as they enter the purifier. Step 2: A specially designed, continuously charged media captures airborne particles. Step 3: Patented, state-of-the-art technology kills captured viruses, bacteria, and mold and can prevent further growth of bacteria and fungi on the filter.



Efficiency

Air filtration systems are measured with the Minimum Efficiency Reporting Value (MERV) using a scale from 1 – 16, the higher the number the better. At MERV 13, the Performance™ air purifier offers a high rate of filtration efficiency for enhanced indoor comfort and cleaner, more energy-efficient operation of your heating and cooling system.



*Limited Warranty

To the original owner, the Carrier® Performance™ air purifier is covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions.

Air Filtration Products

It's About Your Comfort

Today's energy-efficient homes seal in more airborne irritants than ever before. Dust, dirt, pollen and more are circulated throughout your home through the heating and cooling vents. These unwanted particles can settle on your furnishings, pollute the air that you breathe every day and can restrict airflow and alter the performance of your home comfort system. The Carrier® EZ Flex™ filter and our cartridge filter and cabinets can help clear the air while delivering a number of benefits to your indoor furnishings, your home comfort system and more.

Filtration Efficiency for Particle Sizes	EZ Flex™ Filter and Cabinet		Cartridge Filters and Cabinet	
	MERV 13	MERV 10	MERV 11	MERV 8
3.0 - 10.0 microns	> 90%	> 85%	> 85%	> 70%
1.0 - 3.0 microns	> 90%	up to 65%	up to 80%	n/a
0.30 - 1.0 microns	> 75%	n/a	n/a	n/a
Germicidal Capability	None		None	
Filter	Replaceable No cleaning required		Replaceable No cleaning required	
Limited Warranty*	10-year		10-year	



EZ Flex™ Cabinet



EZ Flex™ Filter



Filter Cabinet for Furnaces



Filter Cabinet for Fan Coils



Cartridge Filter



Indoor Environment

Your home is invaded on a daily basis by airborne pollutants from a number of sources. Carrier® air filters treat 100% of the air flowing through your home comfort system with a range of filtration effectiveness to choose from.



Efficiency

Air filtration systems are measured with the Minimum Efficiency Reporting Value (MERV) using a scale from 1 – 16, the higher the number the better. Offering a range of efficiencies from MERV 8 through MERV 13, Carrier® air filters easily outperform typical 1-inch furnace filters for enhanced indoor comfort and cleaner, more energy-efficient operation of your heating and cooling system.



Versatility

Carrier® whole-home air filtration offers a variety of options to meet your needs. Offering two styles of basic filters with four different efficiency levels, you can choose the level of air cleaning that makes sense for you. And, it's easy to upgrade to either a more efficient filter option or even step up to one of our air purifiers with patented Captures & Kills™ technology.

Performance™ Series Humidifiers

Enhanced Winter Comfort

A Carrier® Performance™ Series humidifier can enhance the comfort in your home by adding moisture to dry, indoor air during the heating season. It can provide relief from dry nasal passages as well as alleviate the discomfort of dry, itchy skin and annoying static shocks. And, it can help minimize the growth of bacteria, molds, viruses and dust mites in your home.

A properly humidified home can help save energy, too. As moisture in the air evaporates, you feel colder, are likely to turn up the heat, and your system will use extra energy. Because a Carrier® humidifier can help you feel more comfortable at a lower heated temperature, you can save money on your heating costs.

With five distinct models to choose from, Carrier offers a humidifier that is just right for you.



Model	STM	LBP	SBP	WBP	LFP	SFP
Unit Type	Steam	Large bypass	Small bypass	Water saver bypass	Large fan-powered	Small fan-powered
Capacity (gallons/day)	11.5 - 34.6*	17	12	17	18	12
Water Vapor Delivery	Dispersion tube in duct	Expanded aluminum evaporator pad	Expanded aluminum evaporator pad	Wicking paper evaporator pad	Expanded aluminum evaporator pad	Expanded aluminum evaporator pad
Notes	Large homes, highest output	Large homes	Small homes	100% efficient in water usage	Large homes	Small homes, compact size

* Varies, based on voltage and amperage.



Humidity Management

As a part of your home's year-round comfort system, a Carrier® Performance™ Series humidifier can help ensure enhanced comfort and efficiency through precision humidity management. When your system includes an Infinity® Touch Control and Carrier humidifier to go with an Infinity outdoor unit and Infinity furnace or fan coil inside, Ideal Humidity System™ technology can deliver ideal comfort, all year long.



Indoor Environment

During the heating season your home can become overly dry with relative humidity between 5 – 15%. That's drier than the Sahara Desert!† A Carrier humidifier can help you achieve a much more comfortable 35 – 50% humidity level inside, making you feel more comfortable without having to crank up the heat.



Simplicity

Convenient access from the front of the humidifier cabinet allows for quick and easy removal and replacement of the treated pad. Routine cleaning and maintenance ensures top performance.



*Limited Warranty

To the original owner, Carrier® Performance™ Series humidifiers are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions.

† relative humidity in the Sahara Desert is 25%

Performance™ Series Dehumidifier

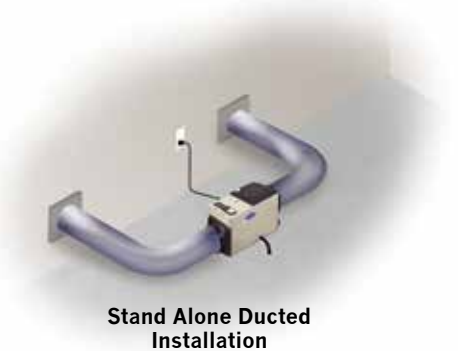
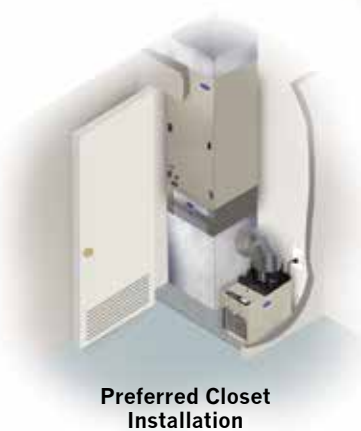
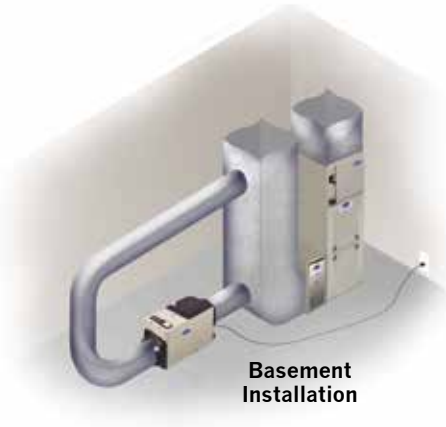
The Benefits of Humidity Control

Your air conditioner or heat pump provides dehumidification as part of the cooling process. When temperatures and humidity rise during the summer months, typical comfort systems operate with greater frequency to keep up with the demand. A Carrier® whole-home dehumidifier, with its ability to pull moisture from indoor air, can help you feel more comfortable without dialing down the thermostat. Not only can it help save you money, it can provide additional benefits such as keeping airborne irritants like dust mites and some allergens under control and help prevent warping or structural damage to wood flooring or furnishings in your home.

5
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Dehumidifier



Indoor Environment

A Carrier® whole-home dehumidifier can enhance your home's environment by keeping excess humidity under control. Managing airborne moisture inside can improve cooling system efficiency while enhancing summer comfort and indoor air quality as well.



Simplicity

The on-board LCD control provides a user-friendly interface for setting desired dehumidification levels. Or, it can be installed at a more conveniently accessed location. And because routine filter cleaning ensures top performance, there is a built-in "clean filter" reminder.



*Limited Warranty

To the original owner, the Carrier® Performance™ Series dehumidifier is covered by an industry leading five-year parts limited warranty. See warranty certificate at carrier.com for complete details and restrictions.

Fresh Air Ventilation

HRV, ERV or Fresh Air Vent?

- 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.
- 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
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**Fresh Air
Vent**



ERV/HRV

10
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ERV/HRV



Add-On ERV



Indoor Environment

Carrier® fresh air ventilation can bring a little of the outside world into your home environment – clean, fresh air – while maintaining your comfort and the efficiency of your heating and cooling system.



Efficiency

The high-efficiency heat recovery core from our energy and heat recovery ventilators recovers up to 84% of heat or energy from stale indoor air being exhausted and transfers it to the clean, incoming outdoor air for maximum comfort with minimal heat loss. The core also removes excess humidity from recirculated air allowing you to save money by feeling more comfortable with less assistance from your heating and cooling system.



*Limited Warranty

To the original owner, the Carrier® Performance™ Series heat recovery ventilator and energy recovery ventilator are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions.

To the original owner, the Carrier fresh air vent is covered by a five-year parts limited warranty. See warranty certificate at carrier.com for complete details and restrictions.

Carbon Monoxide Alarm

Protect Yourself and Your Family

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

- Every year there are more than 2,000 fatalities in the United States from CO produced by improperly installed or maintained fuel-burning appliances.
- The CO 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 in a power outage.
- For peace of mind, you can check your CO alarm with the simple push of a button.

7
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Indoor Environment

Carbon monoxide is a colorless, odorless gas produced by incomplete combustion of fuels such as natural and LP gas. Exposure to CO can cause fatigue, chest pains, impaired vision and coordination, headaches, dizziness, confusion, nausea and can even be fatal. Carrier recommends placing a CO alarm on each level of the house and in every bedroom.



*Limited Warranty

To the original owner, the Carrier® Performance™ Series carbon monoxide alarm is covered by a seven-year limited warranty. Ask your Carrier dealer for complete details and restrictions.

Model COALMCC

Ultraviolet Germicidal Lamps

Enhanced Efficiency and Indoor Air Quality

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 a 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 quality of your indoor air.



Simplicity

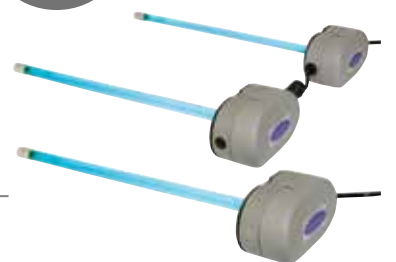
UV lamps are mounted inside your system, near the indoor cooling coil, where fungus and microbes may grow and pollutants can collect. No cleaning is required. Simply replace the lamps once a year and you can continue to enjoy cleaner, healthier air and enhanced system efficiency.



*Limited Warranty

To the original owner, the Carrier® ultraviolet germicidal lamp is covered by a 90-day parts limited warranty and the lamp base is covered by a 10-year parts limited warranty upon timely registration. The limited warranty period for the lamp base is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty period. See warranty certificate at carrier.com for complete details and restrictions.

10
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Model UVLCC

The Carrier® Difference

Keeping the Air Clear

Your local Carrier® dealer will help you navigate the options available and follow through with professional installation of your air purifier, air cleaner, humidifier, dehumidifier, ventilator, UV lamp and CO alarm. Keeping your system operating at its best for years to come, and to help you continue to enjoy the benefits of Healthy Home Solutions, a small amount of simple, routine maintenance will go a long way.

For example, the Infinity® and Performance™ air purifiers have no filters to clean, simply replace the removable cartridge periodically. For our air filtration products, all feature designs allow for easy removal and even easier replacement. Regular filter changes are important because dirty filters can restrict airflow through the system, causing it to work harder and lose efficiency.

With proper installation and routine maintenance, your Carrier system should provide years of indoor comfort for you and your family, backed by the best name in the business and serviced by our nationwide network of indoor comfort professionals.



Indoor Environment

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. Because the air inside your home can be up to five times more polluted than outdoor air, Carrier® Healthy Home Solutions offers a variety of products that fine-tune the air in your indoor environment.



Versatility

Carrier offers a variety of products designed to improve the quality of the air inside your home through purification, filtration, moisture control, ventilation and more. Within each product category, we try to offer choices to fit every need, from type of system, to size of home and size of budget. In short, if you have a need, Carrier has the solution.



Simplicity

Carrier® Healthy Home Solutions offers a variety of products, all designed for simplicity of operation with maximum results. Whether it's a replacement air filter or humidifier pad, most maintenance operations can be completed without tools quickly and conveniently so you can keep your system operating at its best.



Durability

Carrier® indoor air quality products all offer the durability and reliability you can expect from the foremost indoor comfort experts. That means tough, durable cabinets that stand the test of time and continue to provide protection to the important components within.

The Total Indoor Comfort System

Your Carrier® dealer will recommend a system that is best suited to meet your home-comfort needs and local weather environment:

1. **Infinity® Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.
2. **Infinity® Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.
3. **Infinity® Touch Control** allows precise temperature and humidity control along with programmable features to further customize your comfort.
4. **Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.
5. **Infinity® Air Purifier** improves air quality by capturing and killing airborne bacteria and viruses and other irritating airborne pollutants in your home.
6. **Humidifier** replenishes moisture to dry air.
7. **UV Lamp** inhibits the growth of contaminants on the evaporator coil, leaving your home with cleaner, fresher indoor air.
8. **Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality – great for today's tightly constructed home.
9. **Evaporator Coil** is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.



More Than a Century of Cool

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier continues to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, our nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier® dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.



turn to the experts™