

# Performance™ Series



Ultraviolet Germicidal Lights

turn to the experts™ 



Performance™  
SERIES

Enjoy Fresher, Cleaner Indoor Air

## Innovation and the Environment

Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A



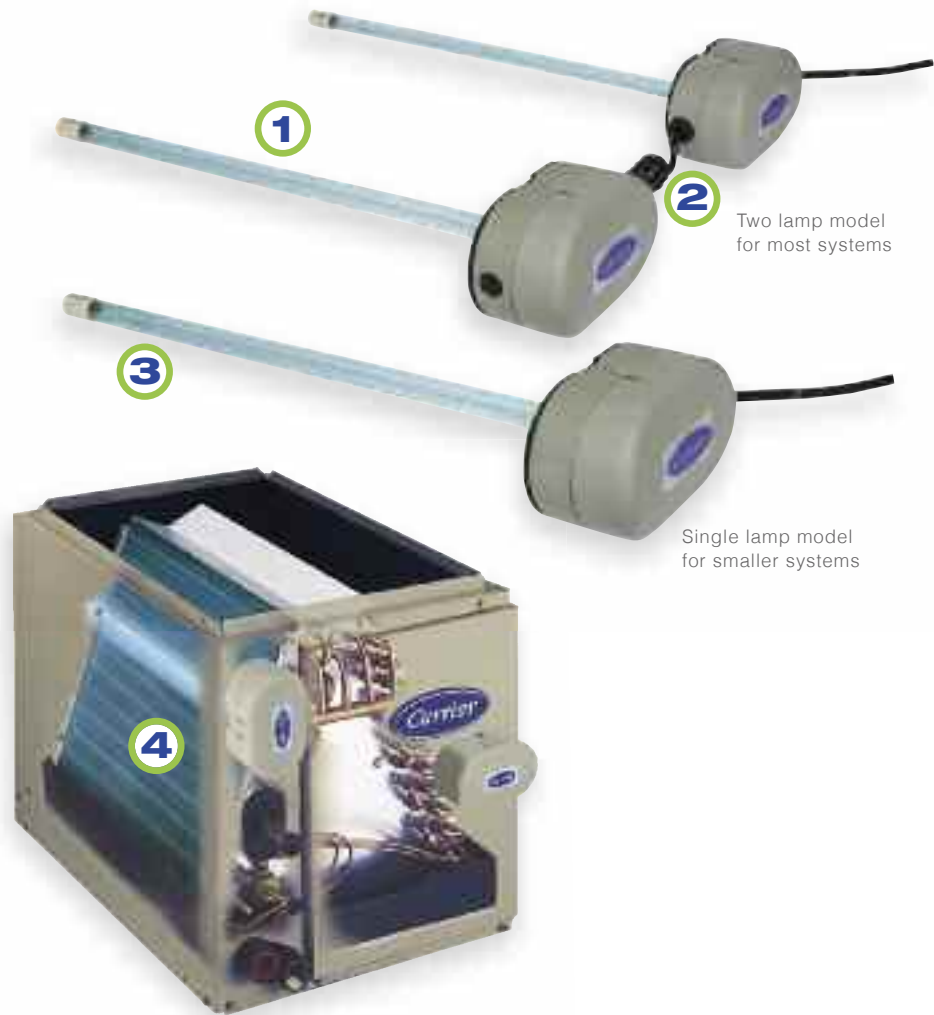
leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations. Yet in addition to being an accomplished inventor, he was also an avid outdoorsman. Carrier recognized the power and beauty of the natural environment. This appreciation of our world and its resources continues to guide Carrier Corporation today. We will never rest on our accomplishments, but instead consistently look for ways to improve our products, our environment and our world.

Carrier® ultraviolet germicidal lights can enhance indoor air quality and energy efficiency in your home with their ability to destroy microbial growth and fungi. As a result, you can enjoy cleaner, fresher air throughout your home and optimum heating and cooling performance.



## Leaders in Technology



### UV Lights and Energy Efficiency

Ultraviolet light (UV) has been used successfully for many years as a sterilization agent in medical and food processing applications. Carrier has adapted this technology for use in home comfort systems. Our UV light systems are safe, non-toxic and effective. Positioned near your indoor coil where fungus and microbes grow, our UV light immediately goes to work destroying the DNA of the fungus to virtually eliminate build-up on the coil. As a result, air passes through the coil easier and overall system efficiency and performance are optimized. The Carrier UV light is much more effective than conventional coil cleaning methods which often leave material embedded in the coil.

## 1 Safe and Effective

Our UV lights effectively kill 99.9% of targeted organisms and are designed to maintain their intensity and effectiveness longer than competing manufacturers' lamps. Compared to UV-PCO devices on the market which produce hydroxyl radicals, Carrier® UV light systems are safer as well.

## 2 Designed for Maximum Exposure

The coiled cord on our two-lamp systems allow your installing dealer the flexibility to position each lamp for maximum coil exposure and optimized effectiveness.

## 3 Minimal Maintenance

The Carrier UV light offers efficiency, comfort and air cleaning benefits with minimal maintenance and no cleaning required. Simply replace the lamps once a year.

## 4 Efficient Performance

A thin build-up of pollutants on your indoor coil just two-thousandths of an inch thick can reduce airflow by as much as nine percent. Carrier UV lights can clean the coil and virtually eliminate additional build-up.

## The Carrier UV Light Difference

For the cost of running a 75-watt light bulb, Carrier UV lights can improve indoor air quality and comfort while maintaining a “like new” condition of the indoor coil for maximum capacity and efficiency resulting in energy savings.

Carrier UV bulbs are designed for maximum performance at cooler temperatures when moisture on the indoor coil is conducive to performance-choking microbial growth if left unchecked.

Carrier UV fixtures constantly bathe the indoor coil with microbial-killing UV-C light. Some competing systems are installed in the duct rather than at the coil, attempting to kill microbes as they pass by the light. Research proves that “fly-by” applications are much less effective.

24-volt UV lights offered by some competitors have lower power, resulting in a reduced germicidal effect.



Molds can cause flare-ups of allergy symptoms and in some cases, trigger asthma attacks. Bacteria, viruses and germs also can reside in the air you breathe every day.

## It's About Your Comfort

Today's homes are designed to do an excellent job of sealing in heated and cooled air to improve energy efficiency. Unfortunately, these “tighter” homes also trap contaminants you don't want inside – mold, bacteria, fungi, germs, dust and other pollutants that can reside in the air you breathe every day. Molds can cause flare-ups of allergy symptoms and in some cases trigger asthma attacks. And, many of the trapped particulates can seriously affect your home's comfort and cleanliness. Designed to work with both new and existing systems, the Carrier UV light offers protection for you and your family by reducing many of these unwanted pollutants.

## Limited Warranty

To the original owner, the Carrier ultraviolet germicidal light 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 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](http://carrier.com) for complete details and restrictions. Be sure to ask your Carrier dealer about optional labor warranties.



# Carrier® Systems for Unmatched Performance in Every Season

Willis Carrier's meticulous attention to quality and detail led to a major culture shift in the way we live indoors. More than a century later, Carrier Corporation operates with a unique willingness to develop new technology, the confidence to revise proven designs and the ability to deliver results with every new installation.

Part of that equation is our nationwide network of experts you can turn to for all of your indoor comfort needs. Your local Carrier dealer is well equipped to evaluate your home – everything from size, window placement, ductwork, venting and other structural specifics – and create a customized system designed around your lifestyle. So when it's time to make a choice for your family's comfort, make the best decision you'll ever make – Carrier – and let the experts do the rest.



## The Total Indoor Comfort System

**Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

**Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

**Evaporator Coil** is matched with the proper outdoor unit to provide top heating and cooling efficiency and years of reliable service.

**Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants in your home.

**Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

**Humidifier** replenishes moisture to dry air.

**Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

**UV Lamp** inhibits the growth of contaminants on the indoor coil, leaving your home with cleaner, fresher indoor air.

**Edge® Programmable Thermostat** allows precise temperature and humidity control along with programmable features to further customize your comfort.

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**FACTORY  
AUTHORIZED  
PARTS**

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