

Performance™ Series Indoor Air Quality Systems for Fan Coil Application



Turn to the Experts.™

Performance™ SERIES



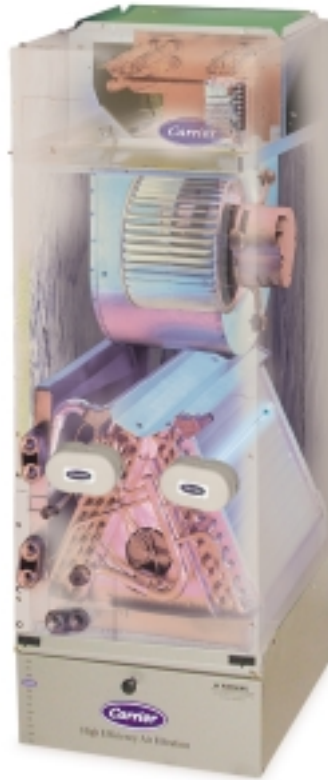
Enjoy Fresher, Cleaner Indoor Air



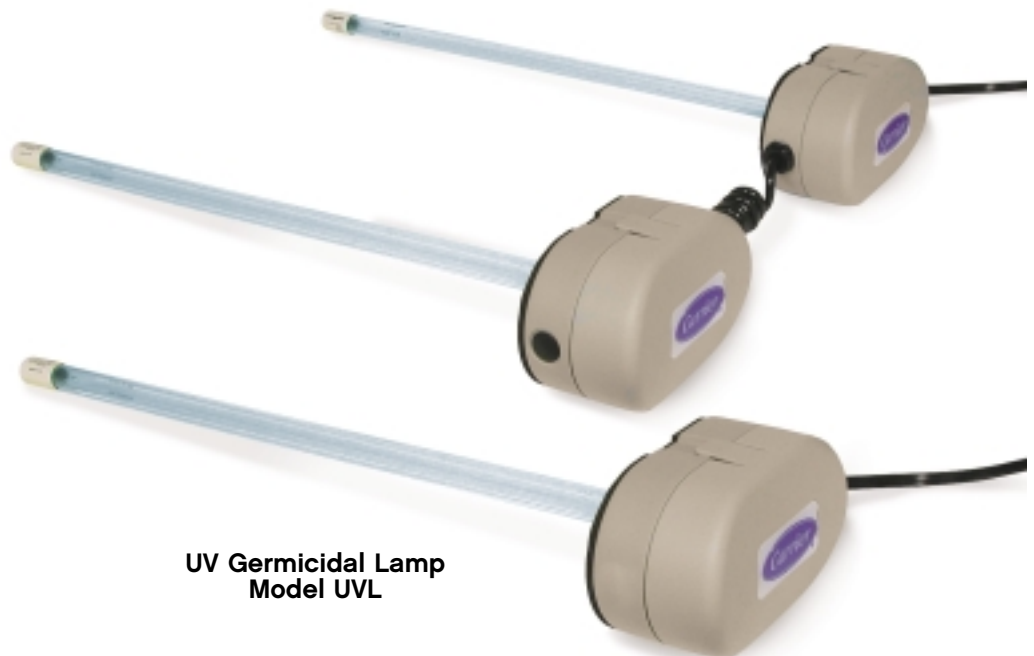
Ultraviolet Germicidal Lamps (UV Lights)

Airborne pollutants are simply a fact of life. Pollutants such as mold, bacteria, dust and pollen can cause flare-ups of allergy symptoms and in some cases trigger asthma attacks. These airborne pollutants can also effect your home comfort equipment by building up on the indoor coil. Just a thin layer of these pollutants can inhibit airflow and adversely effect the efficiency of your heating and cooling system. The Carrier UV light can clean the coil and virtually eliminate the additional build-up.

- Cleaner air – starts at the indoor coil. UV lights are mounted inside your system, near the indoor cooling coil, where fungus and microbes may grow and pollutants can build up. They work to clean the coil and prevent the build up of pollutants.



- System efficiency – dust, dirt, mold and other pollutants can accumulate on the indoor cooling coil, significantly reducing airflow. UV lights will minimize the accumulation, letting your system operate at peak efficiency levels.
- Peace of mind – UV lights are designed to work in newer systems and can work in your current system as well. With a five-year limited warranty and an available extended warranty, better air quality means reassurance like never before. The lamps are covered with a 90-day limited warranty.
- Low maintenance – no cleaning required; just replace the lamp(s) once a year.

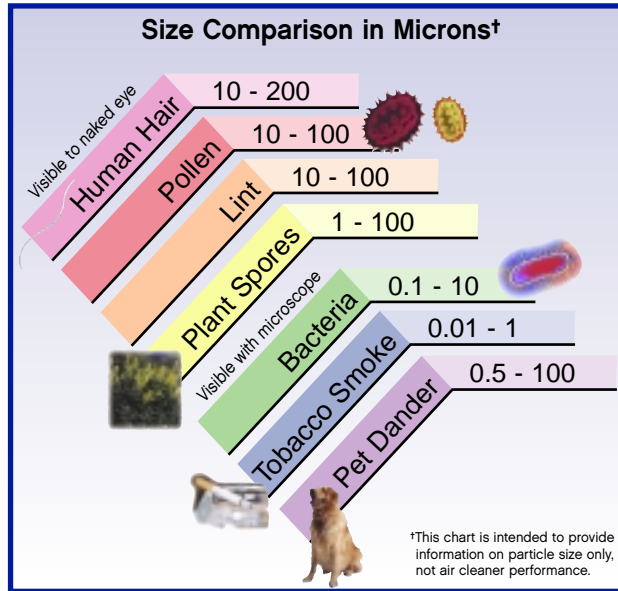


UV Germicidal Lamp
Model UVL

Carrier High-Efficiency Air Filtration

When your heating and cooling 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.

The Carrier filter collects potential airborne contaminants as small as .3 microns. That's 600 times smaller than the point of a pin!



- Carrier high-efficiency filter captures particles .3 - 100 microns.
- Carrier high-efficiency electronic air cleaner captures particles .01 - 100 microns.
- Standard 1-inch fiberglass filter captures particles 10 - 100 microns.

- 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 cooling 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

Continuous Fan Operation

For optimal comfort and air cleaning, operate your heating and cooling 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.

- Carrier high-efficiency filters are available in MERV 8 efficiency, effectively providing excellent filtration while maintaining one of the lowest “pressure drop” ratings of any filter.
- MERV stands for Minimum Efficiency Reporting Value. The higher the MERV rating, the more efficient the filter.
- “Pressure Drop” is airflow resistance. A heating and cooling 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 offered by competitors 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.

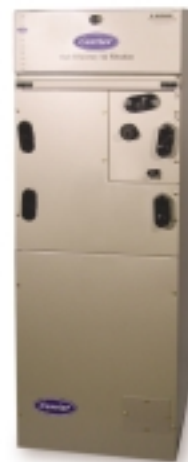
- Carrier filters are designed to work seamlessly with Carrier heating and cooling systems.
- Carrier filter cabinets feature a 10-year limited warranty.



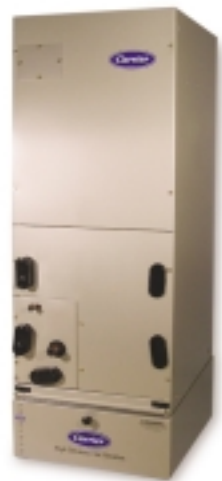
FNCCAB Air Cleaner with FILCCFNC Filter



FILCCFNC Filter



Downflow



Upflow

Humidifiers

The relative humidity in the Sahara Desert is 25%, but did you know your winter household humidity might be as low as 5 - 15%? Overly dry air can cause itchy, cracked skin, dry nasal passages, shocks from static electricity and cracked woodwork. Adding a Carrier humidifier will add comfort to your home and eliminate these irritating conditions for your family.

- Efficiency and effectiveness
 - As the moisture from indoor air evaporates, the temperature in your home feels colder. In the winter, that means you will likely turn up the thermostat to feel warmer, so your system will use extra energy. By putting moisture back in the air, a Carrier humidifier allows you to remain comfortable at a lower thermostat setting, which lowers your energy costs.
 - Humidity levels between 40 - 60% help you feel warmer at lower temperatures. When you add a humidifier to your home system, you'll feel more comfortable and save on utility costs.
 - Add a Carrier Thermidistat™ or Infinity™ Control and adjust temperature and humidity with one convenient control.
- Improved air quality
 - More airborne moisture means less opportunity for dust and other irritants to circulate, so you'll experience improved air quality.
 - Properly humidified air helps reduce nasal dryness, helping your family breathe easier.
 - Less static electricity creates a more comfortable environment for everyone in your household.
- 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 five-year limited warranty. Extended warranties are also available, so see your Carrier dealer for more information.



**Model LFP
Humidifier**



Model SBP Humidifier



Model LBP Humidifier



Improved Indoor Comfort and Cleaner Air

Humidifier
replenishes moisture to dry air.

Evaporator Coil
allows the refrigerant to absorb heat from the air as it passes over the coil surface. The evaporator coil is located with the indoor unit and is also referred to as the indoor coil.

Fan Coil is the indoor section of your heat pump system. It should be properly matched to the outdoor unit for improved efficiency and long-term reliability.

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

Ultraviolet Germicidal Lamp
reduces the amount of pollutants, such as mold, bacteria, fungi and viruses, leaving your home with cleaner, fresher indoor air.

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

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

Heat Pump provides reliable, high-efficiency heating and cooling for long-lasting comfort and energy savings.

Thermostat™ Control
allows precise temperature control and programmable features to further customize your comfort.

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 the efficient, tighter construction of today's homes, even the cleanest homes can harbor dust, dirt, pollen, pet dander, bacteria and other airborne pollutants.
- These airborne pollutants can be circulated throughout your home by the heating and cooling system, potentially causing flare-ups of allergy or asthma symptoms for the occupants of the home.
- Carrier offers high-efficiency air filters, germicidal ultraviolet lights and humidifiers specifically designed to help keep your air cleaner and fresher, and your home more comfortable all year round.



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.SM

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