

AIR PURIFICATION SOLUTIONS

Indoor Air Quality Services

Your heating, ventilation, and air conditioning (HVAC) system does so much more than simply heat and cool your home. A technologically advanced HVAC system also keeps the humidity at a comfortable level all year long. With a professionally installed HVAC system, your home or business' temperature and humidity can be perfectly balanced.

	FILTRATION		COIL PROTECTION	AIR PURIFICATION	
	Presidential Whole House Air Purifier	Carrier Infinity Air Purifier	Carrier Performance UV Lights	UVPhotoMAX	iWave
Technology	Filter	Filter	UV Light	UV Light + Photo Catalytic Oxidation	Bi-polar Ions
Removes Virus Particles 0.3-1 Microns	76%	95%	0	Yes, varies by virus type ¹	Yes, varies by virus type ²
Removes Dust Particles 1-3 Microns	90%	90%	0	0	68%
Reduces Pollen 3-10 Microns	90%	99%	0	0	75%
Reduces Mold Spores 3-10 Microns	90%	99%	Inhibits fungus and microbes on coil	Inhibits fungus and microbes on coil	99.5%
Controls Odors	✓	✓	⊘	✓	✓
Maintenance Frequency	6-12 Months	6-12 Months	1-2 Years	1-2 Years	Never
Self-Cleaning	⊘	⊘	⊘	⊘	✓
Energy Required	0 Watts	18 Watts	27 & 53 Watts	30 Watts	<10 Watts
Warranty	⊘	5-10 Years	90 Days	5 Years	3 Years

1. Please refer to manufacture for detailed information.

2. EMSL Labs, a laboratory rated as "Elite" by the Center for Disease Control, has tested the effectiveness of iWave products against the pathogens listed. All testing was done in a large environmental chamber in an effort to simulate a home environment.
 Staph: Reduced 96.24% after 30 minutes of iWave purification
 MRSA: Reduced 96.24% after 30 minutes of iWave purification

E.Coli: Reduced 99.68% after 15 minutes of iWave purification
 Clostridium Difficile (C.Diff): Reduced 86.87% after 30 minutes of iWave purification
 Tuberculosis: 69.01% after 60 minutes of iWave purification
 Legionella Pneumophila: Reduced by 99.71% from solid surfaces after 30 minutes of iWave purification
 Airborne Mold Spores: Reduced 99.5% by iWave purification (tested by Green Clean Air)

Indoor Air Quality

Indoor air can be riddled with allergens such as pollen, dust mites, dirt, and mold spores. According to the U.S. Environmental Protection Agency (EPA) there are typically 2-10X more pollutants inside your home than outside. The EPA considers indoor air pollution to be the #1 environmental health problem in the United States and responsible for as much as 50% of all illnesses.

Air quality in your home can be improved by:

- Remove the amount of pollutants in the air by cleaning your home and air duct systems
- Improving ventilation and air circulation
- Regulating moisture levels
- Removing pathogens, pollutants, allergens, viruses, molds, dirt, and dust

Building the Right Air Purification System

There is a wide variety of air purifying products on the market today. Each type is designed to perform a specific function and treat specific problems. Presidential's team of experts have been helping families determine the right product or combination of products for their homes since 1981. From diagnostics, to maintenance, to repair, to installation, we do it all. We will not only get your air conditioning unit working at its maximum efficiency, but through the installation of indoor air quality products and systems, we will improve your health and save you money on your energy bills!

Below is a description of the air purifying products we have found to be the most effective.

A complete air purification system includes: filtration, coil protection, and an air purifier.

Presidential Whole Home Air Purifier (Merv13)

Precision point ionization charges particles as they enter the continuously charged media capturing the particles. The patented technology then kills the captured viruses, bacteria and mold preventing further growth of bacteria and fungi on the filter.

Carrier Infinity Air Purifier

Precision point ionization charges particles as they enter the continuously charged media capturing the particles. The patented technology then kills the captured viruses, bacteria and mold preventing further growth of bacteria and fungi on the filter.

Carrier Performance Ultraviolet Germicidal UV Lights

These germicidal ultraviolet lights are mounted near the cooling coil of your HVAC where fungus and microbes can grow due to the damp surfaces. The UV light is designed to kill bacteria and mold, enhancing the quality of the air you breathe and the performance of your system.

UVPhotoMAX

Utilizes a proprietary formula to promote an ionic discharge inside a metal oxidation chamber. The result is a quick reduction or elimination of the most stubborn odors, as well as killing millions of airborne pathogens including the common flu strains, bacteria, and mold spores.

iWave-R

A patented technology installed in any ducted air conditioning system, needle-point bi-polar ions are produced as air passes over the device killing or reducing pathogens, allergens, particles, smoke and odor in the air without creating ozone or any other harmful byproducts.



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