

TOTAL HOME SOLUTIONS

For Cleaner, Fresher, Healthier Air





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Dirt and biological growth inside your heating and cooling system can affect equipment performance and lead to higher utility bills, while aggravating asthma, allergies and other health effects.

Is Your Home Making You Sick?

"1/8th of an inch of dirt and dust build-up on the blower wheel can reduce airflow by up to 30%"

-Texas A&M Study

"A buildup of .042 (1/20) inches of dirt on the heating or cooling coil can result in a decrease in efficiency of 21%."

-Environmental Protection Agency



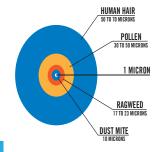
CLEAN High-efficiency air cleaners will keep your HVAC equipment and indoor air clean, lower utility bills, and lengthen equipment life.



DIRTY — You may be breathing this!

How big is a Micron?

THEIRS



Chemicals Viruses **Bacteria Pesticides** Mold **Cleaning Solvents** Flu Virus **Building Materials Pollen Growth Formaldehyde** Benzene VOCs **EQUIPMENT EFFECTS** AND Can corrode coils Increased operation cost Shorter operating life 0 **HEALTH EFFECTS** DO ERMS Headache, nausea, dizziness, HEALTH EFFECTS blurred vision, lethargy. Respiratory infection, throat and RS memory lapse, lung problems. ear infection, bronchitis. pneumonia, sinusitis. Dust **EQUIPMENT** Skin Flakes **Dust Mite Feces** Increased energy bills Clogged coils Pet Dander Build up on fan blower wheels Unnecessary breakdowns Decrease equipment life **HEALTH EFFECTS** Runny nose, cough, sneezin congestion, sore throat, APATICLES AND ALLERGENS

"100% of homes tested had toxic compounds including pesticides, cleaning compounds, chemicals found in furniture and building materials, that can be the cause of asthma, allergies and other ailments."

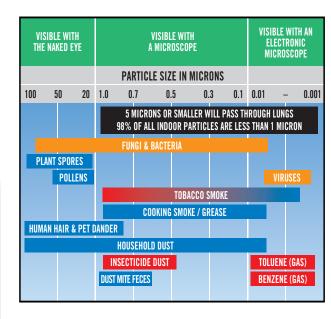
-Harvard University
Silent Spring Institute Study

"Indoor air can be 2-5 times and as much as 100 times more polluted than outside air."

-Environmental Protection Agency

"50% of all illnesses are either caused by, or aggravated by, polluted indoor air."

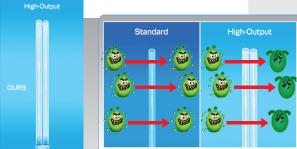
-American College of Allergists



Even the best passive filters are only capable of removing a percentage of the larger dust particles (above 1 micron in size), which is less than 2% of the particles in the air we breath.

98% of airborne particles measure below 1 micron in size and pass right through these filters. These smaller particles will accumulate inside a heating and cooling system, which is a perfect breeding ground for bacteria and biological growth. They then get recirculated throughout the house causing potentially adverse health effects.

Replacing your filter with a high-efficiency, polarized-media air cleaner will capture these larger AND smaller particles to protect your heating and cooling system while improving the quality of air in your home.



Dust and particles are not the only indoor culprits. There are other types of airborne contaminants such as germs, gases and odors that can negatively impact health and HVAC equipment performance. Dual wavelength, high-output UVC/UVV lights control these contaminants.

Standard Low-Output UVC lamps can only kill germs on surfaces inside your HVAC system, while High-Output UVC lamps can kill

on these surfaces as well as sterilize airborne viruses, bacteria and germs as they pass by the lamp, rendering them harmless and incapable of reproducing.

High-Output UVC lamps are 3.3 times more powerful than standard lamps and will disinfect your air 24 hours a day naturally, without adding chemicals or sprays into your environment.

Pan Treatment



Stale standing water in your system drain pan can breed bacteria and mold, causing health concerns and odor problems. Corroded leaking drain pans can also cause serious damage to your HVAC system.

- The Environmental Protection Agency (EPA) has approved to kill odor-causing bacteria!
- Provides dependable, sustained time-released protection for only pennies a day!
- Adds a light, pleasant scent to the air as it works to protect your system!

AirRanger



- Captures 97% of airborne particles that would take a microscope to visually see.
- Cleans the air of contaminates that can aggravate asthma and allergies.
- Keeps HVAC equipment operating more efficiently.
- Lifetime manufacturer warranty on the power supply.

Platinum Bioforce Defender



- Ultraviolet Germicidal Air Purifier
- High Output UVC Lamps
- Controls Bacteria, Viruses, and Mold Spores
- Lifetime manufacturer warranty on the power supply
- No Ozone

Platinum Plus Bioforce Defender



- Ultraviolet Germicidal Air Purifier
- High Output UVC & UVV Lamps
- Reduces Germs, Bacteria & Toxic Gases
- Lifetime manufacturer warranty on the power supply

By-pass or Power Humidifier



- 15 GPD
- 5.5 lbs/hr of steam
- Easy to install and minimal maintenance
- Heat treated, reinforced plastic

