

So, what can you do about it?

# Total Home Solutions

## Select the package that best fits your budget and your needs

- Choose from four levels of equipment/health protection
- Stop overpaying the utility company
- Prevent unnecessary breakdowns and service calls
- Keep your system running at factory fresh conditions
- Lengthen your equipment's life
- Reduce asthma and allergy symptoms
- Breathe Cleaner, Fresher, and Healthier indoor air

The best air quality solutions address the causes rather than symptoms, using a whole-house indoor air cleaning strategy. Your heating and cooling system moves over 1 million cubic feet of air everyday through your home. This is the perfect place to address indoor air quality challenges using products designed to specifically address the three types of airborne contaminants. A whole-house air cleaning system that cleans, disinfects, and deodorizes your home 24 hours a day is much more effective than units designed for just a room or two.

Backed by over 35 years of experience and proven success in the engineering of both residential and commercial indoor air cleaning systems, we have the experts that professional HVAC contractors rely on to address your indoor air quality needs. Our products are designed to support the proper air flow and high intensity air cleaning that controls sub-micron particles, biologicals and gas phase contaminants.



### IAQ 4000 1 2 3 + All the benefits of the IAQ 4000 and more



- Optimum whole-house particle, germ and gas control
- Fewer cold and flu episodes
- For severe asthma and allergy relief
- Controls odors
- Can control other ailments caused by gas phase contaminants
- Protects your equipment and prevents paying too much in utility bills
- Collects 99.97% of particles from 200 to .3 microns
- Disinfects and deodorizes your air 24 hours a day naturally without chemicals
- The optimum IAQ package

- ✓ Polarized-Media Air Cleaner
- ✓ UVC/UVV Germicidal/Oxidizing System
- ✓ Bypass HEPA System

### IAQ 3000 1 2 3 All the benefits of the IAQ 3000



- Excellent whole-house particle, germ and gas control
- Fewer cold and flu episodes
- Asthma and allergy relief
- Controls odors
- Can control other ailments caused by gas phase contaminants
- Protects your equipment and prevents paying too much in utility bills
- Collects 97% of particles from 200 to .3 microns
- Disinfects and deodorizes your air 24 hours a day naturally without chemicals
- The complete IAQ package

- ✓ Polarized-Media Air Cleaner
- ✓ UVC/UVV Germicidal/Oxidizing System

### IAQ 2000 1 2 All the benefits of the IAQ 2000



- Excellent whole-house particle, germ and gas control
- Fewer cold and flu episodes
- Asthma and allergy relief
- Protects your equipment and prevents paying too much in utility bills
- Collects 97% of particles from 200 to .3 microns
- Disinfects your air 24 hours a day naturally without chemicals

- ✓ Polarized-Media Air Cleaner
- ✓ UVC Germicidal Unit

### IAQ 1000 1 All the benefits of the IAQ 1000



- Excellent whole-house particle, germ and gas control
- Magnetically attracts particles from 200 to .3 microns in size, then electroplates them to the media, preventing release into the air you breathe.
- Can relieve allergy symptoms
- Can reduce asthma attacks
- Protects your equipment and prevents paying too much in utility bills

- ✓ Polarized-Media Air Cleaner

Every IAQ package comes with a time released condensate drain pan treatment, EPA registered to kill odor causing bacteria and growth in the standing water in your drain pan for 6 months, while sanitizing/preventing clogs and overflows.



For Cleaner, Fresher, Healthier Air





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.

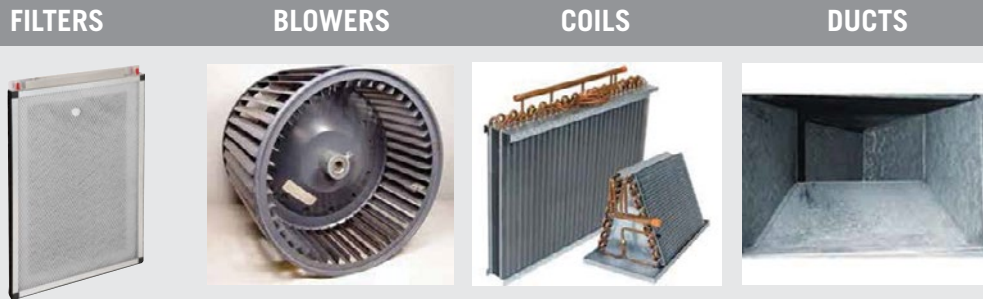
# Is Your Home Making You Sick?

"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!



"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

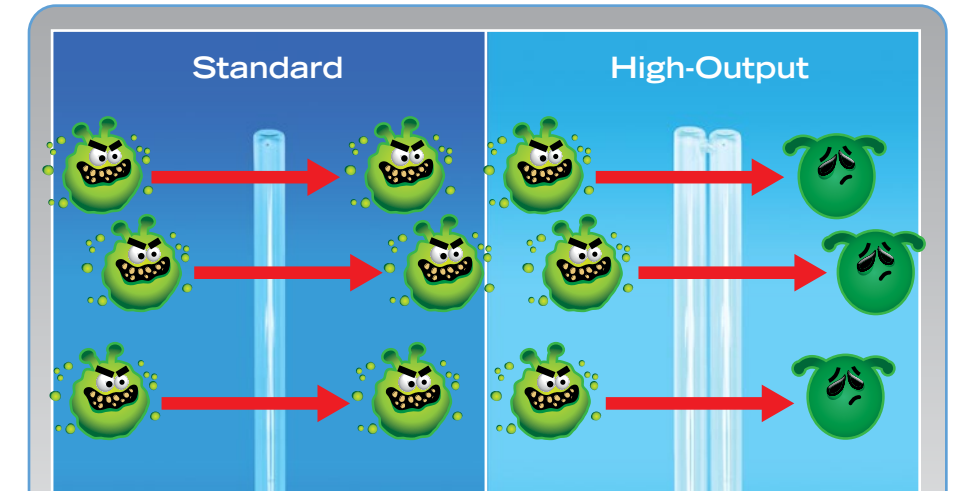
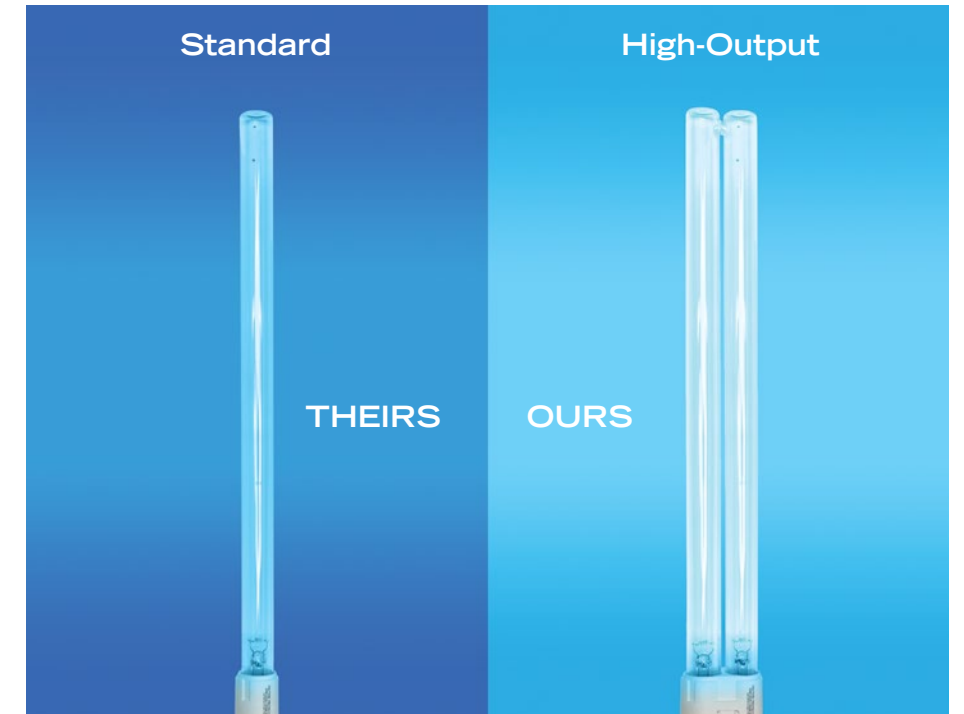
"Indoor air can be 2-5 times and as much as 100 times more polluted than outside air."

-Environmental Protection Agency

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

-American College of Allergists

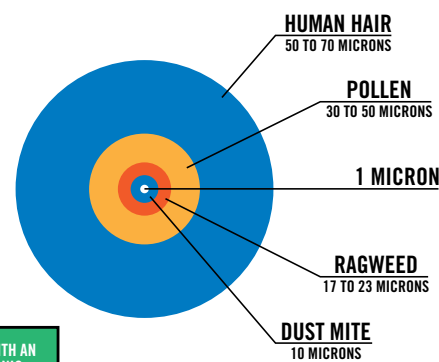
Dust and particles are not the only indoor culprits. There are other types of airborne contaminants such as germs, gases and odors that can negatively impact health and HVAC equipment performance. Dual wavelength, high-output UVC/UVV lights control these contaminants.



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.

## How big is a Micron?



VISIBLE WITH THE NAKED EYE	VISIBLE WITH A MICROSCOPE	VISIBLE WITH AN ELECTRONIC MICROSCOPE
100	50	20
PARTICLE SIZE IN MICRONS		
1.0	0.7	0.5
0.3	0.1	0.01
0.01	-	0.001
5 MICRONS OR SMALLER WILL PASS THROUGH LUNGS 98% OF ALL INDOOR PARTICLES ARE LESS THAN 1 MICRON		
FUNGI & BACTERIA		
PLANT SPORES	VIRUSES	
POLLENS	TOBACCO SMOKE	
COOKING SMOKE / GREASE		
HUMAN HAIR & PET DANDER		
HOUSEHOLD DUST		
INSECTICIDE DUST		TOLUENE (GAS)
DUST MITE FECES		BENZENE (GAS)

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 breathe.

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.