



# Total Home Solutions

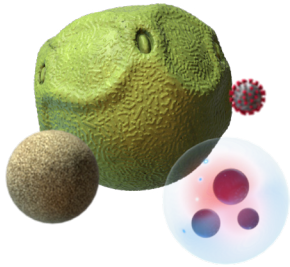
YOUR PERMANENT SOLUTIONS *FOR* CLEANER, FRESHER, AND HEALTHIER AIR



Website: [ElevatedIndoorAir.com](http://ElevatedIndoorAir.com)

# IS YOUR HVAC A FRIEND OR A FOE?

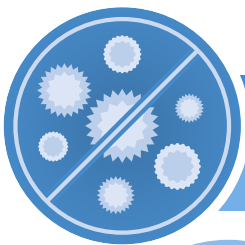
## The Three Phases of Indoor Air Contamination



**AS A HOMEOWNER**, it pays to be aware of the three main phases of indoor air contamination and all the ways, both obvious and not-so-obvious, that they could be causing you unnecessary grief.

These phases are: **PARTICLES**, **GERMS**, and **GASES**. All 3 phases are found in every household; studies show that keeping their levels under control can make a big difference in maintaining your heating/cooling equipment *and* your health.

The good news is that it's easy to control these contaminants with a **whole-house indoor air cleaning strategy**. Here's some quick information about the problem and our safe, affordable solutions!



### PARTICLES

• DUST • SMOKE • POLLEN • DANDER

Dirt and neglect are the top causes of heating and cooling system failure and inefficiency.

– ENERGY STAR

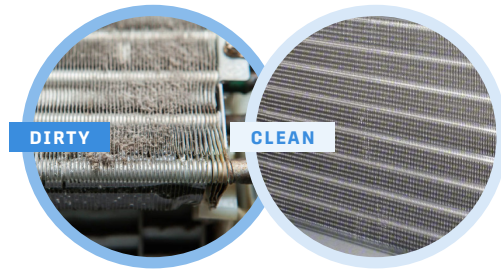


DIRTY

CLEAN

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

– Texas A&M Study



DIRTY

CLEAN

“0.25 mm [1/100 of an inch] of buildup of dust on an evaporator coil can result in a 20% decrease in system efficiency.”

– Prism Engineering

### How does dirt and dust buildup affect the cost of ownership?

- Utility bills go up
- Systems break down and need expensive repairs
- Equipment life is shortened; systems need to be replaced

This dirt can also affect your health, aggravating asthma, allergies, and other respiratory conditions.

### Three levels of protection:



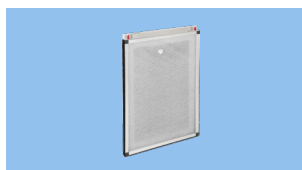
#### BASIC 1" STORE-BOUGHT FILTER

- Limited equipment protection
- Minimal health protection
- May be restrictive to air flow



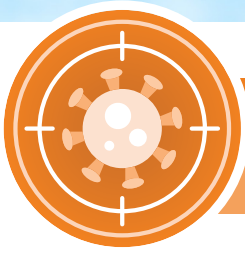
#### BOX STYLE MEDIA FILTER

- Better equipment protection
- Limited health protection
- May reduce air flow, increasing energy costs and possible equipment problems



#### OUR AIRRANGER™ AIR CLEANER

- **Best** equipment protection
- **Best** health benefits, asthma & allergy relief
- **Best** airflow for equipment performance; a permanent solution



## GERMS

• VIRUSES • BACTERIA • BIOLOGICAL GROWTH

Surface and airborne germs can thrive in your heating/cooling equipment.

Most UVC lamps only help to control surface germs.



Our **BioForce Defender™ High Intensity UVC Lamps** produce **330% more output** than standard lamps, controlling surface growth AND inactivating airborne viruses and bacteria as they travel through ductwork, cleaning and purifying the air that's supplied to the home.



**SURFACE CONTROL:** Reduce and prevent surface growth in heating and cooling equipment.



**AIRBORNE CONTROL:** When we cough, laugh, sneeze, or breathe, we exhale millions of germs into the air. These germs are attached to respiratory droplets called bioaerosols. Smaller bioaerosols can remain in the air for up to a few hours and can be pulled into the return of the heating/cooling system, and can then spread to all other rooms in our homes.



## GASES

• PET, SMOKE, & COOKING ODORS • CHEMICALS

Chemical gases and unpleasant odors can linger in the home.




“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*

Cleaner air is just a page away! →

# SELECT YOUR IAQ PACKAGE!


## THE THREE PHASES OF INDOOR AIR POLLUTION:



### PARTICLES

**CAN CAUSE:**


- Dust
- Smoke
- Pollen
- Dander
- Unnecessary Breakdowns
- Increased Energy Costs
- Decreased Equipment Life
- Runny Nose & Congestion
- Asthma & Allergies



### GERMS

**CAN CAUSE:**

- Viruses
- Bacteria
- Biological Growth
- Growth on Equipment Parts
- Clogged Coils
- Respiratory Infection
- Bronchitis or Pneumonia
- Sinusitis





### GASES

**CAN CAUSE:**



- Pet, Smoke, & Cooking Odors
- Chemicals
- Corroded Coils
- Increased Operation Cost
- Headaches
- Nausea & Dizziness
- Lung Problems

### IAQ 4000

- Whole-house control of all 3 phases of indoor air pollution
- All the benefits of the IAQ 3000, plus a Bypass HEPA system
- Collection increases to 99.97% of ultrafine particles at **0.3 microns**
- Ultimate equipment and health protection

### IAQ 3000



- Whole-house control of all 3 phases of indoor air pollution
- Collects 97% of ultrafine particles at **0.3 microns**
- All the benefits of the IAQ 4000, minus the Bypass HEPA system
- Disinfects and deodorizes air 24/7
- Excellent equipment and health protection

### IAQ 2000




- Whole-house control of 2 phases of indoor air pollution, particles and biologicals
- All the benefits of the IAQ 3000, minus the UV oxidizing system
- Germicidal UVC lamp to inactivate viruses, bacteria, and other germs 24/7
- Superior equipment and health protection

### IAQ 1000

- Whole-house high efficiency air cleaner to control particles
- Collects 97% of ultrafine particles at **0.3 microns**
- Protects the equipment and prevents overpaying the utility company
- May relieve allergy symptoms and reduce asthma attacks

Our properly designed and installed IAQ products can control all of these types of contaminants and reduce the associated negative health effects, while extending the life of your heating and cooling system, preventing premature breakdowns, and maintaining original equipment efficiency. All of our IAQ packages meet UL, CARB and CSA standards. They are safe and highly effective with no dangerous by-products released.

All BioForce Defender™ systems and AirRanger™ Air Cleaners have a limited lifetime warranty. UVC/UVV lamp replacements have a 3-year warranty. \*Includes an additional germicidal UVC lamp



Website: [ElevatedIndoorAir.com](http://ElevatedIndoorAir.com)

Phone: (239)-ELE-VATE (353-8283)