

CONSUMER'S



HANDBOOK



**NOW YOU HAVE CONTROL TO
EXTEND THE LIFE OF YOUR A/C & FURNACE &
STOP OVER PAYING THE UTILITY COMPANY**

**ALL WHILE ENJOYING THE BENEFITS OF
CLEANER, FRESHER & HEALTHIER AIR!**

THE PERFORMANCE OF YOUR EQUIPMENT AND THE QUALITY OF YOUR AIR

Particles

Let's address the affects of the particles first.

Your heating and cooling system moves 1.4 million cubic feet of air per day.

Dirty		Clean		
<p>"A dirty filter will slow down air flow and make the system work harder to keep you warm or cool – wasting energy and leading to expensive repairs and/or early system failure." -Energy Star</p>		FILTER		
		BLOWER		<p>"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</p>
<p>"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</p>		COIL		
		DUCT		<p>Removing the dust from the blower and the air ducts can increase air flow from the registers by up to 20%. -Adrian Environmental LLC</p>

NOW – THIS IS ONLY THE PARTICLES – 1/3 OF WHAT'S GOING ON IN YOUR HOME.

LET'S TALK ABOUT THE GERMS AND GASES –

PEOPLE ARE AFFECTED BY THESE THREE PHASES OF INDOOR AIR POLLUTION!

Germes & Gases

Germes: Respiratory infection, throat & ear infection, bronchitis, pneumonia, sinusitis.

Viruses, bacteria, mold, flu virus, pollen, growth

Gases: Headache, nausea, dizziness, blurred vision, lethargy, memory lapse, lung problems.

Chemicals, pesticides, cleaning solvents, building materials, formaldehyde, benzene, VOCs

2
Germes

3
Gases

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

- American College of Allergists

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

- Environmental Protection Agency

“Of 120 homes tested for 89 separate VOCs, 100% of them had 25 or more of these toxic compounds including pesticides, cleaning compounds, chemicals found in furniture and building materials.”

- Harvard University – Silent Spring Institute study

1
Particles

Particles: Runny nose, sore throat, congestion, sneezing, cough, wheezing, asthma attacks.

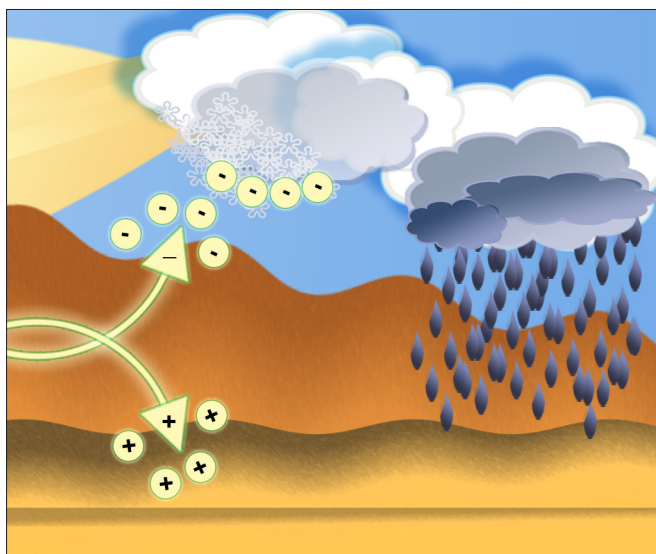
Dust, dust mite feces, skin flakes, smoke, hair, pet dander

All three phases of contamination are equally responsible for aggravating allergies, asthma and other ailments.

IT'S IMPORTANT TO UNDERSTAND THE DIFFERENCE BETWEEN FILTERS AND AIR CLEANERS.

Mother Nature's Way of Controlling Particles Outdoors

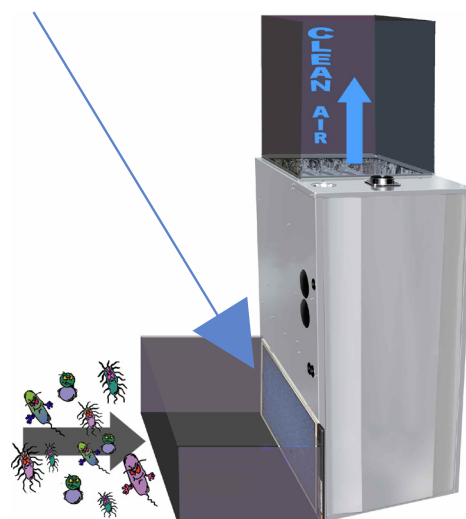
Weather conditions create ions that attract dust and settle them out of the air



98% of all particles outdoors and indoors measure below one micron in size (the ultra small sizes that pass through your lungs).

We Can Bring Mother Nature's Way Into Your Home For Whole House Air Cleaning

Polarized Media Air Cleaners attract ultra small particles (the kind that can make you sick) magnetically and stick (electroplate) them to the media.



Even the best store bought filter can only collect 2% of the particles in the air you breathe.

Particle size in microns		Particle Types	Filters & Air Cleaners	What it Does
Air Filters Air Cleaners	200	Visible Particles Dirt & Dust	Fiberglass Washables 1" Pleated	Minimal furnace & cooling coil protection
	30	Pet Dander, Large Spores & Pollens	4" Media Filter	Better furnace & cooling coil protection
	5	Mold & Plant Spores	Allergy Filters	Better furnace & cooling coil protection & some allergy relief
	1	Dust Mite Feces, Fungi & Other Respirable Suspended Particles (RSP)	Polarized Media, Electronic & HEPA air cleaners	Significant allergy relief & great furnace & cooling coil protection

1 micron = 1/24,500 of an inch; a grain of salt is about 70 microns in size.

And remember 98% of these airborne particles are ultra small, measuring below one micron in size.

NOW LET'S GO OVER THE OTHER TWO PHASES

THAT AFFECT YOUR QUALITY OF AIR IN YOUR HOME.

MOTHER NATURE CONTROLS OUTSIDE GERMS, CHEMICALS AND ODORS

NATURALLY WITH THE SUNLIGHT AND LIGHTNING.

Mother Nature's Way of Controlling Germs and Gases Outdoors

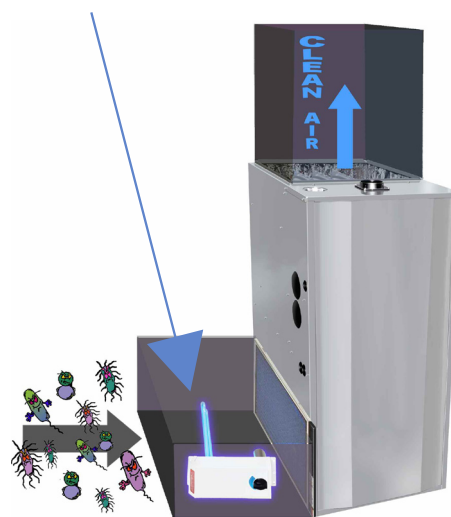
The ultraviolet energy from the sun and lightning control germs and gases.







Outdoors the UVC rays from the sun will kill and sterilize germs while the UVV rays and discharge from lightning will control the gases & odors.

We Can Bring Mother Nature's Way Into Your Home By Installing Dual Wave-length UV Lights Into Your Ducts.

Harnessing the energy and power of the sun to control germs and gases indoors.



This will disinfect and deodorize your air 24 hours a day naturally, without using chemicals or sprays.

	Particle size in microns	Particle Types	Ultraviolet Energy Lights	What it Does
Ultraviolet Lights	0.3	Bacteria, Viruses & Germs 	UVC Lights 	Disinfects your air 24 hours a day, naturally & without chemicals or sprays
	0.1			
	0.01	Odors, Gases & Volatile Organic Compounds (VOC) 	UVC/UV Lights 	Disinfects your air 24 hours a day, naturally & without chemicals or sprays, while significantly reducing odors and controlling gases and chemicals
	0.001			

Ultraviolet Energy Light will sterilize, kill, oxidize and deodorize.

HIGH OUTPUT UVC LIGHT CONTROLS GERMS

ADJUSTABLE UVV LIGHT CONTROLS GASES, CHEMICALS AND ODORS.

CHOOSING YOUR WHOLE HOUSE AIR CLEANER

Only you can determine the quality of air that you & your family will breathe, while extending the life of your A/C & Furnace & stop overpaying the utility company – with one of these three options:

IAQ 3000 HEPA

IAQ 3000

IAQ 2000

IAQ 1000

IAQ 3000 HEPA

IAQ 3000

IAQ 2000

IAQ 1000



Cleaner – Healthier – Fresher

Indoor Air Environment

Whole House Air Cleaning - Product Package Solution

IAQ 3000 HEPA



All the benefits of the IAQ 3000 and more:

- Excellent whole house particle, germ and gas control
- Less colds, flu episodes
- For severe asthma and allergy relief
- Controls odors
- Can control other ailments caused by gas phase contaminants
- The optimum IAQ package

- ✓ AirRanger Polarized Media Air Cleaner
- ✓ Active BioForce UVC/UVV Germicidal/Oxidizing System
- ✓ AirSentinel Bypass HEPA System
- ✓ Collects 99.97% of particles from 200 to .3 microns
- ✓ Disinfects and deodorizes your air 24 hours a day naturally without chemicals.

IAQ 3000



All the benefits of the IAQ 2000 and more:

- Excellent whole house particle, germ and gas control
- Less colds and flu episodes
- Asthma and allergy relief
- Controls odors
- Can control other ailments caused by gas phase contaminants
- The complete IAQ package

- ✓ AirRanger Polarized Media Air Cleaner
- ✓ Active BioForce UVC/UVV Germicidal/Oxidizing system
- ✓ Collects 97% of particles from 200 to .3 microns and
- ✓ Disinfects and deodorizes your air 24 hours a day naturally without chemicals

IAQ 2000



All the benefits of the IAQ 1000 plus:

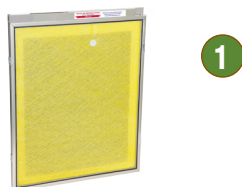
- Excellent whole house particle and germ control
- Less colds and flu episodes
- Asthma and allergy relief

Also available in 24Volt



- ✓ AirRanger Polarized Media Air Cleaner
- ✓ BioForce Defender UVC Germicidal Unit
- ✓ Collects 97% of particles from 200 to .3 microns and
- ✓ Disinfects your air 24 hours a day naturally without chemicals

IAQ 1000



- Excellent whole house particle control
- Magnetically attract particles from 200 - .3 microns in size
- Then electroplates them to the media
- This way they can't be released back into the air your breathe
- Can relieve allergy symptoms
- Can reduce asthma attacks

- ✓ AirRanger Polarized Media Air Cleaner
- ✓ Collects 97% of particles from 200 to .3 microns

Every IAQ package comes with a time released Marine Patrol 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.

100% Money Back Satisfaction Guarantee

If for any reason within 90 days of your installation you are not completely satisfied with our products, we will remove them and process a full refund of your initial investment.

Filter vs. Air Cleaner Comparison

Particle size in microns	Particle Types	Filters & Air Cleaners & Ultraviolet Energy Lights	What it Does
200	Visible Particles Dirt & Dust	Fiberglass Washables 1" Pleated	Minimal furnace & cooling coil protection
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1	Dust Mite Feces, Fungi & Other Respirable Suspended Particles (RSP)	Polarized Media, Electronic & HEPA air cleaners	Significant allergy relief & great furnace & cooling coil protection
0.3	Bacteria, Viruses & Germs	UVC Lights	Disinfects your air 24 hours a day, naturally & without chemicals or sprays
0.1	Odors, Gases & Volatile Organic Compounds (VOC)	UVC/UVV Lights	Disinfects your air 24 hours a day, naturally & without chemicals or sprays, while significantly reducing odors and controlling gases and chemicals.
0.01			
0.001			

Air Filters

Air Cleaners

Ultraviolet Lights

"5 Microns and below pass through our lungs"
- American Lung Association

"98% of all airborne particles measure below 1 Micron"
- American Industrial Hygiene Association

Total Home Solution Center Options

Which contaminants do you want removed from your home?

"The total square footage and air volume of your duct is about the same size as a bedroom... and it is the one room in the house you never clean."

Replace carbon cell media every 3 - 4 months / Replace the long life UVC/UVV lamps once every two years.

✓ AirRanger Polarized Media Air Cleaner
 ✓ Active BioForce UVC/UVV Germicidal/Oxidizing System
 ✓ AirSentinel Bypass HEPA System
 ✓ Collects 99.97% of particles from 200 to .3 microns
 ✓ Disinfects and deodorizes your air 24 hours a day naturally without chemicals.

IAQ 3000 HEPA 1 2 3

✓ AirRanger Polarized Media Air Cleaner
 ✓ BioForce Defender UVC Germicidal Unit
 ✓ Collects 97% of particles from 200 to .3 microns and
 ✓ Disinfects your air 24 hours a day naturally without chemicals

IAQ 2000 1 2

✓ AirRanger Polarized Media Air Cleaner
 ✓ Active BioForce UVC/UVV Germicidal/Oxidizing System
 ✓ Collects 97% of particles from 200 to .3 microns
 ✓ Disinfects and deodorizes your air 24 hours a day naturally without chemicals

IAQ 1000 1 2 3

✓ AirRanger Polarized Media Air Cleaner
 ✓ Collects 97% of particles from 200 to .3 microns

IAQ 1000 1

Every IAQ package comes with a time released Marine Patrol 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.