# PREMIERone Pure Flo

HEIDLER, INC. "The Plumber Protects the Health of the Nation" www.heidlerplumbing.com

### **Clean Air Starts Here**



air pollution impacts the health of everyone.



**MAKE YOUR HOME HEALTHIER** PREMIERONE™ has solutions for all your indoor air quality problems.



Clean air is important to the health of your family.

HEIDLER, INC.

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### WE LIVE AND BREATHE IN A CHEMICAL SOUP.

Asthmatic Attacks • Allergic Reactions • Watery Eyes Coughing/Colds • Dizziness • Lethargy • Breathing Problems Chicken Pox • Measles • Many Others Pollen • Mold Spores • Bacteria • Dust Mites & Feces

Tobacco Smoke • Household dust • Viruses Animal & Bird Dander • Fungi • Skin Flakes • Air Fresheners

Most homes are full of pollutants that can't escape. They are locked inside and people breathe them, suffer from them and need to find a solution for them.

"People must become aware of the danger and cost of polluted indoor air." World Health Organization

"Over 1/3 of our annual national health bill can be attributed to polluted air. American Medical Association

"Despite predictions to the contrary, we remain vulnerable to a wide array of new and resurgent infectious diseases." Centers for Disease Control & Prevention

"Deaths from asthma, in children under 11 years of age, is increasing 7% each year." New England Journal of Medicine

Frequent vacuuming as a dust control measure is more likely to aggravate allergic asthmatic conditions because most vacuums are very inefficient and result in a significant increase in airborne dust concentrations.

The Environmental Protection Agency has found indoor air is always two to five times more polluted than the worst outdoor air. You may not be able to see, smell or touch it, but air pollution is impacting the health of your family.

#### FORCED AIR FURNACES DISTRIBUTE POLLUTANTS

Your furnace provides a perfect environment for the growth and broadcast of bioaerosols, toxins and gases that cause unhealthy air conditions which are found in most homes.

Because your furnace is the collection point for most of the recirculated air in the building, it is the best place for installing a PREMIERONE unit.



"An exposure to (debris from dust) mites in the first, crucial year of life can trigger a lifelong allergy. There is no cure, only prevention." Ohio State University Extension

### H.E.P.A. FILTRATION

H.E.P.A. (High Efficiency Particulate Arrestance) filters are used in hospitals because they are considered the best filters on the market today. Originally developed by the Atomic Energy Commission during World War II to remove radioactive dust which was invisible, but health hazardous, from manufacturing plant exhausts. A filter must collect 99.97% of a specific particulate that measures 0.30 microns, in a test established by the Institute of Environmental Sciences in order to receive the HEPA filter designation. However, the HEPA filter can capture particulate sizes ranging from >100 microns down to 0.01 microns.

Universal use of HEPA filtration has been hindered because the high pressure needed to force air through a HEPA filter is unavailable from your heating/cooling system blower. The PREMIERONE PureFlo™ HP500 System overcomes this by being a true bypass system employing its own 300 cfm blower. The HP500 is installed on the return-side air duct. Polluted air is directed through the filtration system on a multiple pass basis making clean air available throughout the home. Combined with a pre-filter to capture larger particles, the system is designed to maintain its performance rating for up to two years before replacing the HEPA filter. Change the carbon/pre-filter every six months.

PREMIERONE PureFlo<sup>™</sup> HP500 has an insulated cabinet that is quiet when in operation. Our use of an advanced pull and push design offers a double sound barrier. The motor pulls the air through the pleated filter and then pushes it through the HEPA media filter which acts as a double sound baffle to attenuate the noise. The process is very quiet, and with zero pressure drop, will not interfere with the ability of the heating/cooling system blower to deliver clean, safe, healthy air to the home.



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31%

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## **POLARIZED MEDIA FILTRATION**

Polarized media filtration technology was designed and patented in the late 1970's. It has been used for commercial and residential air cleaning with great success since the early 1980's. Polarization acts the same way as a magnetic field surrounding a magnet. Individual strands of the special fiberglass filter media accept a very strong negative charge making each strand a contaminant collection cell. 98% of airborne particulate are measured below one micron. Standard cheap furnace filters have the capability of collecting a certain percentage of larger particles, but have very little, if any, capability of arresting the submicronic particles which just pass right through the pores of the filters. Our special media collects and electroplates even the smallest submicronic particle. 97% of particulate at 0.3 microns can be collected with multiple passes.

The PREMIERONE PureFlo<sup>™</sup> polarized media air cleaner is designed to fit in your existing furnace as a replacement for other cheaper filters. The unit uses a small 24 volt transformer that consumes a mere 1 watt of power. Large particles are collected on the surface of the filter media and can be easily vacuumed off to keep air resistance low. The smaller submicronic particles will electroplate onto the fiberglass strands. Eventually the media needs to be replaced. Electrostatic Precipitators (EAC's) work in a similar way, but when they stop working, a difficult and time consuming cleaning of the unit is required. With a PREMIERONE PureFlo<sup>™</sup>, you simply throw away the dirty media and install fresh. It's like getting a brand new air cleaner each time. In most residential applications, the media will need to be replaced 3 times per year.



#### **PREMIERONE™** has solutions to all three phases of indoor air pollution.

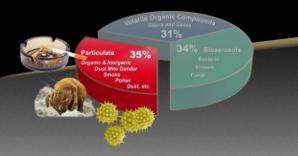
Particulates include allergens such as pollen, dust mite dander, insect debris, tobacco smoke, mold, fungi, mildew, pet allergens and dust.

HEALTH EFFECTS include runny nose, congestion, sneezing, cough, nose or throat irritation, asthma flare-up.

Bioaerosols include infectious agents such as bacteria (streptococcus, pneumococcus, legionella, tuberculosis) & viruses (influenza, rhinoviruses, coronaviruses, SARS, common cold.)

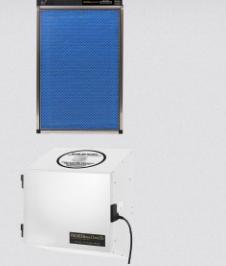
HEALTH EFFECTS include bronchial infection, upper respiratory infection, viral pneumonia, sinusitis, throat and ear infections. VOCs include formaldehyde, carbon monoxide, tobacco smoke, toxic mold, methylene chloride, nitrogen dioxide, pesticides, toluene, benzene.

HEALTH EFFECTS include memory loss, mild depression, lethargy, lung dysfunction, headaches, blurred vision.



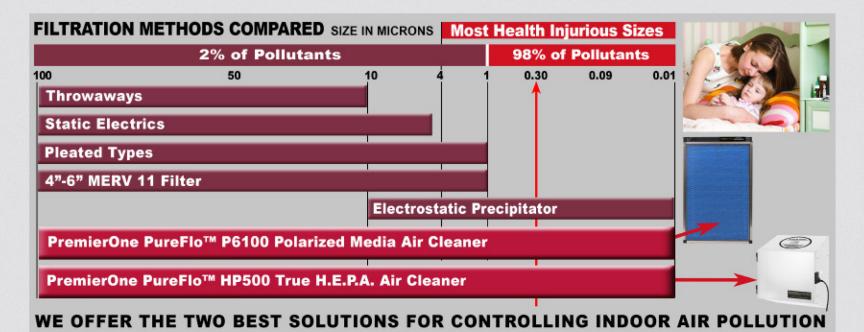
Use a PremierOne PureFlo™ HP500 H.E.P.A. air cleaner or a PureFlo™ P6100 Polarized Media Air Cleaner to control particulate. Use our MUV-401H germicidal air purifier, MUV7-50PS remote UV germicidal air purifier, or MUV7-100DR remote UV germicidal air purifier to control bioaerosols. Use our MUV-403H, MUV7-50DR or MUV7-100TR air purifier with odor control to control both Bioaerosols and VOCs.

34%









# Clean air is a right, not a privilege. HEDLER, INC.

**PREMIERONE PureFlo<sup>TM</sup> HP500 Whole House H.E.P.A. Air Cleaner** The quietest, most efficient and economical true H.E.P.A. made to work with any HVAC system.



- Superior filtration traps germs, bacteria, viruses and allergens.
- Control smoke, dust, pollen and other organic/inorganic particles.
- 2-speed operation.
- Insulated cabinet for quiet operation.
- **Pre-filter with carbon only needs replacing every 6 months.** Pre-Filter has a 30% efficiency and filters out larger particles protecting the HEPA filter's lifespan. Carbon Activated Filter absorbs normal household odors.

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- **H.E.P.A. Filter lasts up to two years with normal use.** HEPA filter has a 99.97% efficiency at 0.30 microns and filters particles down to 0.01 microns.
- 7-Year limited warranty.

#### **PREMIERONE PureFlo™ Whole House Polarized Media Air Cleaner**



**Economical, energy efficient and fits your existing filter rack.** 

- Superior filtration traps germs, bacteria, viruses and allergens better than Merv 11 media filters. Effectiveness does not diminish over time like electronic precipitators.
- Control smoke, dust, pollen and other organic/inorganic particles.
- Removes particles down to .01 microns.
- Easy maintenance: Simply replace economical filter pads as needed.
- Lifetime warranty.

#### TESTIMONIALS

#### Dear PREMIERONE,

I just wanted to thank you for recommending the PremierOne polarized media air cleaner to me. I can't believe the difference it has made in Elisa's health. As I told you, she missed seventeen days of school the first semester. She has not missed a day since we installed the air purification system. I can't believe just two months ago, her pediatrician was recommending surgery on her sinuses. I am truly grateful that I called you and had your product installed in our home.

I used to start every morning with three tylenol because I always have headaches. I didn't even think about this system helping anyone else in the family but I no longer have my headaches either. I can't tell you the difference it has made in our lives. It is always hard having a sick child but not being able to do anything to help her was really frustrating.

I have recommended your product to many of my friends. I can't thank you enough for recommending this system. ---Sincerely, Janice

Good morning everyone at PREMIERONE Products,

My name is Todd. I installed a HEPA 500 system in my home which is approximately 70 years old about 10 years ago. Recently I had to service the motor assembly and my wife asked "are you going to get it fixed?"

I installed this as an extra filter system in my home due to the age and dust in the house. After being without the system for a few weeks I noticed an immediate difference in the house. With asthma issues for myself I had to get it fixed. I ordered the parts and received the very quickly and installed them.

What a difference. I now know that this product has more than paid for itself over the years and I wont be without it. Anyone looking for a filter system or looking at adding another system I would encourage you to look into this system as it truly works.

---Thanks again, Sincerely, Todd