





Volatile Organic Compounds
(VOC's) Odors and Gases
31%
iculate 35%
nic & Inorganic
Dust Mite Dander
Smoke

Viruses

Fungi

Although you may not be able to see, smell or touch it, air pollution impacts the health of everyone.

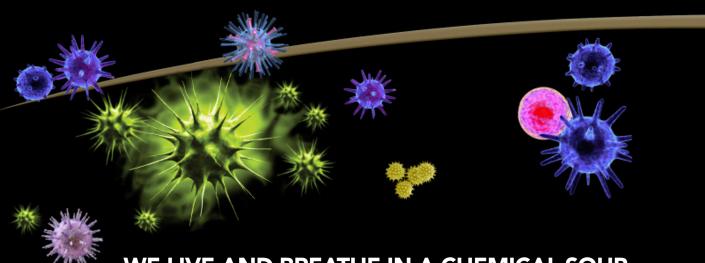


## **MAKE YOUR HOME HEALTHIER**

PREMIERONE™ has solutions for all your indoor air quality problems.



## Clean air is important to the health of your family.



### 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

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.

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.

"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

"Mutant strains of microbials have become resistant to the antibiotics formerly used to control them. Deaths from infectious diseases caused by these germs is now the third leading cause of death in the United States"

Centers for Disease Control & Prevention

### WHAT ARE BIOAEROSOLS?

Bioaerosols are living things: fungi (mold spores) and germs (bacteria & viruses).

Pathogens are the germs that cause infectious diseases.

Germs and mold spores may be allergens and cause respiratory reactions and ailments.

Mold spores are probably the most common bioaerosols.

#### 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.





Particulate 35%
Organic & Inorganic
Dust Mite Dander
Smoke
Pollen
Dust, etc

31%

34% Bioaerosols

Bacteria

Viruses

Fungi

Volatile Organic Compounds

For your family's health... The solution to indoor pollution.

# **UVC - Nature's Method**

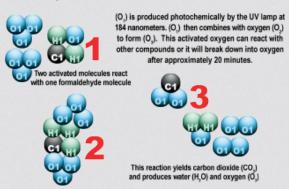
Ultraviolet germicidal light is a trusted control method used in hospitals, water treatment facilities and food and beverage industries nationwide.

Our industry leading, high output UVC twin "H" lamp enables PREMIERONE to reproduce enough natural germicidal rays to kill germs and control allergens as they move through your air duct. It is not a chemical treatment but is deadly to the micro-organisms that spread throughout a building. It does not pose a threat to people, equipment or indoor environment.



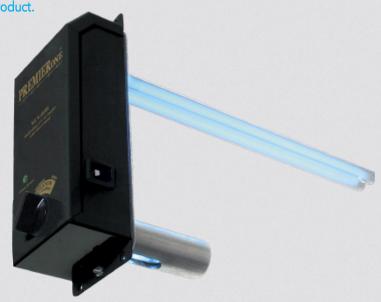
## **UVV - Nature's Remedy**

Compounds react with  $O_3$  in a process similar to combustion. The reaction of an organic compound with  $O_3$  and the combustion of the same compound yield carbon dioxide and water as the main end product.



Example: FORMALDEHYDE reaction with  $O_3$  HCHO + 2  $0_3$  YIELD  $CO_2$  =  $H_2O+2$   $0_2$ 

(Formaldehyde can cause memory loss in people.)



PREMIERONE MUV-403H, MUV7-50DR and MUV7-100TR whole house air purifiers don't mask odors, they oxidize them with a controlled amount of activated oxygen. Enjoy the fresh smell of clean air after the odors of tobacco smoke, mold, mildew, paint, garbage, litter box, cooking and bathroom odors (plus hundreds more) are eliminated. Some of the most dangerous gases, which may be odor free, including toxins, are also oxidized. Our system produces a safe level of activated oxygen similar to the air you breathe outdoors in nature.