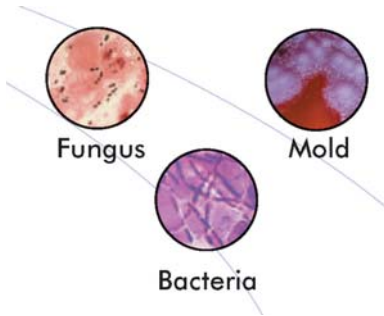


# The Whole House Air Purifying System

## Indoor Air: High Concentration of Biological Contaminants

With tighter building construction in recent years, the quality of indoor air has declined dramatically.



The air circulating in the ductwork of the average home or office can be concentrated with contaminants including mold, bacteria, and viruses. We fill our lungs up to



20,000 times each day. Over time, these contaminants can cause inflammation of the mucous membrane, upper respiratory problems, asthmatic conditions, headaches and flu-like symptoms.

## The Sun: Nature's Outdoor Air Purifier

For years, scientists have known that one of the most effective air

purifiers is natural sunlight. Not the light we see when we look out the window, but the invisible "C" band, ultraviolet rays that make up part of the sun's light spectrum. The sun's UV-C rays act as a natural outdoor air purification system, inhibiting the growth and reproduction of bacteria, viruses, fungi and molds. However, this natural process does not occur indoors.

Ultraviolet germicidal radiation replicates the natural outdoor purification system of the sun by destroying the illness and disease-causing microbes living and multiplying in indoor air. In combination with a quality filter, it is the most effective way to reduce airborne bacteria and the health risks they represent.