

# Facts About the Air in Your Home

- The EPA has identified indoor air quality as one of the five most urgent environmental risks to public health.<sup>3</sup>
- The National Academy of Sciences Institute of Medicine reports that exposure to indoor pollutants is a key contributor to the asthma problem of this nation.<sup>4</sup>
- Today's tighter, better insulated homes limit natural ventilation and trap indoor air contaminants inside.

## Doctor Recommended, Parent Approved

*"...ultraviolet radiation, properly integrated with heating, ventilating, and air-conditioning systems, shows the most promise as a widely applicable means of air disinfection."* – Richard Riley, M.D.<sup>5</sup>

For a free DVD about indoor air pollution, please contact your local dealer or view online at [www.fieldcontrols.com/uvaire.php](http://www.fieldcontrols.com/uvaire.php).



**For more information,  
contact your local dealer.**

1. <http://www.epa.gov/iaq/> - 12/04/06
2. Wolfe, R.L. 1990. "Ultraviolet Disinfection of Potable Water." Environmental Science Tech. 24 (6): 768-773.
3. <http://www.epa.gov/iaq/pubs/targetng.html> - 12/04/06
4. <http://www.epa.gov/iaq/asthma/intro/index.html>  
#Who Gets Asthma? - 12/04/06
5. Richard Riley, M.D. "Airborne Infection" The American Journal of Medicine, September 1974, Vol. 57



**FIELD CONTROLS**

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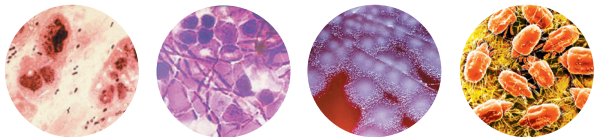


Air Purification for a Healthier Lifestyle™

**uvaire**  
BY FIELD CONTROLS

# The Environmental Protection Agency says that air inside our homes is up to 100 times more polluted than outdoor air.<sup>1</sup>

We spend up to 90 percent of our time indoors. If too little outdoor air enters a home or office, disease causing micro-organisms can collect to levels that pose health and comfort problems. This problem can be especially serious in "super-tight", energy efficient homes built in the last twenty years. These homes may not allow enough air changes, keeping contaminated air in and fresh air out.



**Fungus    Bacteria    Mold    Dust Mites**

*Microscopic particles like these can thrive indoors.*

## The Sun: Nature's Outdoor Air Purifier

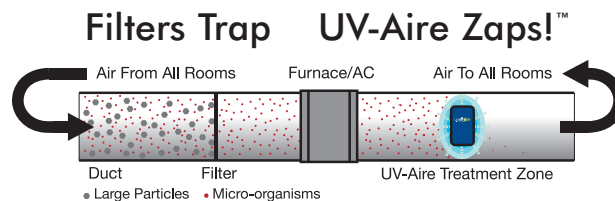
For years, scientists have known that one of the most effective air purifiers is natural sunlight. The sun's UV-C rays act as a natural outdoor air purification system, inhibiting the growth and reproduction of bacteria, viruses, fungi and molds. However, this natural process does not occur indoors. Ultraviolet radiation (UV-C) replicates the natural outdoor purification system of the sun by destroying these disease causing micro-organisms that can thrive in untreated indoor air.



## Breathe Healthier Air

Ultraviolet light purification has been proven effective in hospitals, schools, daycare centers, restaurants, and hotels. Ultraviolet radiation is effective in destroying bacteria, viruses (including the Bird Flu Virus), dust mites, and other pathogens.<sup>2</sup> UV-Aire® puts the power of germicidal UV light to work in your home or business so you can breathe easier.

## Turn your heating and cooling system into a whole house air purifier.



## Step 1: Filtration

Filters are designed to trap particulates such as hair, pollen and dust. Disease causing micro-organisms are too small to be trapped by most filters and flow through the system undeterred.

## Step 2: UV Purification

The UV-Aire in-duct unit is installed in the main supply or return duct of any heating or cooling system. It emits powerful ultraviolet (UV) light which sterilizes and reduces disease causing, airborne micro-organisms as they pass through the system. It operates continuously to purify the air in your home 24 hours a day.



UV-Aire In-duct

The UV-Aire portable unit stops odors with carbon filtration, reduces dust and pollen with high efficiency filters, and kills germs and mold with germicidal UV light. Small enough to go anywhere, it is powerful enough to purify the air in any room.



UV-500C Portable

## Benefits to You and Your Family

UV-Aire helps protect your most valuable asset, your family's health. UV-Aire kills bacteria, viruses, mold, and dust mites with every pass through the system. Reduction of these disease causing micro-organisms helps decrease symptoms of allergies, asthma, and other respiratory illnesses.