















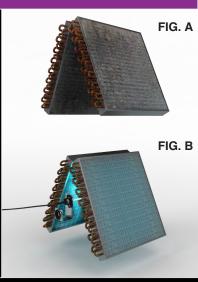
### BENEFITS INCLUDE:

- Destroy mold
- · Relieve allergy symptoms
- Control microbial growth
- Maintain clean coils
- Cleaner air for asthma sufferers
- Destroy bacteria and viruses
- Natural, generates no pollution and does not use potentially harmful chemicals
- Odor reduction
- Reduce HVAC maintenance

# **MAINTAIN CLEAN COILS**

Dirty coils (FIG. A) are caused by a buildup of mold & bio-film on the coil. The buildup on the coil reduces airflow, decreases efficiency, and spreads potentially harmful contaminants.

A Clear Blue UV system (FIG. B) uses germicidal UV-C to eliminate mold and bio-film which creates and maintains a clean evaporator coil free from germs, mold, bacteria and viruses.



# UV-C UV-B UV-A Visible light Germicidal wavelength Wavelength 180nm 280nm 320nm 400nm 254nm



Germicidal UV light is a well established technology used for sterilization, sanitation and purification. UV-C kills bacteria, mold, viruses and prevents them from spreading throughout HVAC systems, improving efficiency.

# **WHY UV LIGHT?**

Ultraviolet light has the precise amount of energy needed to break apart organic molecular bonds. What does this mean for you? As the harmful germs and tiny organisms pass through the UV light of your whole house air purifier, their molecular structure is broken down in such a way that results in genetic damage, preventing them from reproducing.

UV light has this destructive effect on microorganisms and harmful pathogens, such as fungi, viruses, bacteria and other invisible invaders. It cleans your air much more effectively than other ordinary air filters on the market today.

A whole house air purifier runs through your central air conditioning and heating unit, disinfecting and sterilizing the air that passes through your vents. It also helps your system to function more efficiently by ridding it of mold, which increases the system's workload.



# **Rest Easy Breathing Better Air**

The air quality inside your home may not be as clean as you think. Indoor air is constantly being recirculated through your heating and cooling system. Over time, the air becomes stagnant and serves as a breeding ground for yeast, mold and bacteria. These airborne microorganisms can cause a host of health problems, including allergies, asthma and upper respiratory infections.

Since you spend a good amount of time in your home, you want the air that you breathe to be as clean and pure as possible. About 80% of the particle matter in your air is actually dead skin cells. The remaining 20% is made up of over 350 different contaminants, such as smoke, viruses, mold spores, fungi, pet dander and chemical gases from carpet, furniture, or cleaning products.

# **Effects of Breathing Bad Air**

Continually breathing bad air can cause a number of unpleasant and even dangerous health issues.

- Headaches
- Dizziness
- Sneezing
- Coughing

- Dry Eyes
- Asthma AttacksEar Infections
- Allergies

- Irritability
- Depression
- Sinus Issues
- Fatique

- Nausea
- Chronic Respiratory Conditions

## **Benefits of a Whole House Air Purifier**

Installation of a residential UV system from Universal UV Solutions will improve indoor air quality (IAQ) by removing bacteria, odors, viruses and allergens from the central air system.

The Clear Blue units create pure air, naturally and add an additional cleaning element to a standard filtration system. Clear Blue does this by using the natural elements of Ultra Violet (UV) light that are also emitted by the sun. Through innovative, safe and environmentally friendly practices, these UV air treatment systems cleanse residential air without the use of harmful ozone. Clear Blue is designed to meet the

growing consumer demand for clean air within the home.

Universal UV Solutions' Clear Blue products can be installed and maintained in furnaces by your local contractor. Each separate unit is designed to provide optimum UV treatment of up to 2,000 square feet,

Other UV treatment products might be costly, and ultimately ineffective. However, the Universal UV Solutions Clear Blue line contains a UV lamp is not only efficient, but is also extremely cost effective as a great addition to your filtration system.



You can rest easy knowing that the air you breathe is fresh, clean and pure.