### You benefit from Ultraviolet light.

Germicidal UV light has long been used to combat biological contaminants in hospital settings. Now you can have those same benefits for your home.



Installing a Bio-Fighter<sup>®</sup> Germicidal UV Light system is one of the most effective measures against harmful airborne pathogens in your home.

# Clean air for your family & home.

Lab tests show the Bio-Fighter® reduces airborne bacteria in the airstream.\*

<sup>†</sup> Independent lab tests indicate 99% removal. Visit http://www.dustfree.com/uv for lab report and information.

## Did you know...

Biological pollutants promote poor indoor air quality and may be a major cause of days lost from work or school and of doctor and hospital visits. (U.S. Consumer Products Safety Commission)

Germicidal ultraviolet light is one of three engineering controls to prevent the transmission of Tuberculosis in healthcare facilities. (Centers for Disease Control and Prevention)

The Environmental Protection Agency ranks poor indoor air quality among the top five environmental risks to public health. Interestingly, five out of 10 Americans are not aware of this fact. (American Lung Association)

Health effects from indoor air pollutants may be experienced years after exposure. (Environmental Protection Agency)

Asthma accounts for 14 million missed school days annually. (Centers for Disease Control and Prevention)

#### **BIO-FIGHTER®**



Contact Information:

Dust Free® makes no claims concerning the Bio-Fighter®'s ability to cure or prevent disease.

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Fight the germs in your air.



#### Don't suffer from your heating and cooling system.

Contaminated heating and cooling systems can become a breeding ground for biological contaminants, such as bacteria, viruses, and mold. The



heating & cooling system can then distribute these contaminants throughout your home. Some diseases, such as humidifier fever, are associated with toxins from biological contaminants that grow in ventilation systems.

The Bio-Fighter<sup>®</sup> Germicidal UV Light can help protect your family from these harmful airborne contaminants.



1 out of 6 people who suffer from allergies do so because of the direct relationship to fungi and bacteria in air duct systems. (Health Magazine)



Levels of air pollution inside the home can be two to five times higher, and occasionally 100 times higher, than outdoor levels. (Environmental Protection Agency)



Health effects from indoor air pollutants may be experienced years after exposure. (Environmental Protection Agency)

#### SEM images courtesy of the University of Iowa, Central Microscopy Research Facility.

## Improve your home's indoor air comfort.

You can take action to protect yourself and family from harmful airborne contaminants by installing a Bio-Fighter<sup>®</sup> Germicidal UV Light in your heating and cooling system.

The Bio-Fighter<sup>®</sup> Germicidal UV Light works with your air filter to clean your homes indoor air. While your air filter captures particulate contaminants, the Bio-Fighter<sup>®</sup> Germicidal UV Light works to reduce biological contaminants. But unlike air filters, which are only effective when your heating & cooling system is running, the Bio-Fighter<sup>®</sup> works 24 hours a day, 7 days a week, disinfecting cooling coils, drain pans, and air ducts exposed to the germicidal UV light...even when your heating & cooling system isn't running!

It works 24/7

Neutralizing harmful con-

cooling system.

taminants in your heating &

## Prevent bacteria and mold from growing in your system

Installed in your heating and cooling system, the Bio-Fighter<sup>®</sup> Germicidal UV Light radiates a special frequency of ultraviolet light that penetrates the cell walls of biological contaminants, damaging their physiological structure. The contaminants are no longer viable and cannot continue to grow, multiply, and spread throughout your heating and cooling system.

#### Enjoy healthier air

Take advantage of the many benefits provided by the installation of a germicidal UV light in your heating and cooling system. The Bio-Fighter<sup>®</sup> system is a significant step in improving your home's indoor air comfort.

- Breathing cleaner air reduces your loved ones exposure to airborne germs and contaminants within your home.
- Children, elderly people, and those with weakened immune systems benefit the most from fewer airborne pollutants.
- Your air handling system can operate more efficiently as the coils, drain pan, and ductwork stay cleaner.

Visit us at www.dustfree.com

#### Heating & Cooling System

Bio-Fighter® Germicidal UV Light is easily installed in your

heating & cooling system by your local HVAC contractor.