

24/7 Air & Surface Sanitization to fight Flu

Austin, TX – The recent swine flu outbreak has left people scrambling to find ways to protect themselves from this airborne virus, which is so tiny (1 micron) that it can stay airborne indefinitely and easily pass through paper filters including HEPA filters. Air Fantastic's advance GREEN ion technology has been proven to be effective in sanitizing both airborne and surface germs 24 hours a day 365 days a year. This technology requires virtually no maintenance and very little energy costs.

Whenever we talk or cough, millions of microscopic droplets of saliva, sometimes contaminated with the flu virus, can travel out by as much as 30 feet. The typical lifespan of a flu virus lasts for up to two weeks and can continue to infect people long after the infected flu carrier has left the area. Wearing a paper surgical mask may not protect you from inhaling the flu virus, but the mask may prevent spreading the contaminated saliva spray.

The swine flu is now transmitted from person to person through direct contact or via airborne transmission through the inhalation of a live flu virus. Since most viruses are only one micron in size, it can bypass the body's filtering system of the nose and sinuses and travel deep inside the lung where it can directly enter the blood stream. This is the reason why the first symptoms of the flu are usually cold chills and aches throughout the entire body. The key to help reduce the spread of the virus germ is to knock it out and sanitize the germ when it is airborne.

Hydrogen Peroxide (H₂O₂) is a widely used household sanitizer and disinfectant available in brown bottles as a 3% liquid solution. The EPA lists Hydrogen Peroxide as an effective disinfectant which has the ability to decontaminate the deadly Anthrax bacteria. As a liquid, it has limited use since it can only sanitize surface germs and cannot be used on all surfaces such as carpet, walls and furniture.

Air Fantastic's advance indoor environmental sanitizers can capture some of the humidity (H₂O) and combine with the air (O²) to produce naturally Hydroperoxide Ions (H₂O₂) along with three other cleansing ions. This dry gas-like Hydroperoxide ion is emitted from the top of the machine and has the same sanitizing properties as the liquid Hydrogen Peroxide. Unlike the liquid Hydrogen Peroxide, the Hydroperoxide ion is airborne and can travel everywhere within the indoor environment and sanitize both surface and airborne germs.

West Texas A&M University study proved that this airborne four ion technology could reduce airborne microbial (mold, fungus & bacteria) by up to 99% within 72 hours and even has the ability to reduce deadly surface bacteria such as Staphylococcus Aureus (Staph) and the drug resistant MRSA bacteria. Last year, more people died from MRSA than the AIDS virus. Independent tests performed by a customer demonstrated an 80% reduction of surface bacteria in just 1 hour.

The university test study also proved that the negatively charged ions can reduce any particulate (dust, pollen, allergen, dander, and even virus particles) by up to 99% within 72 hours by neutralizing the positive particulates (always positive) and make them fall down to the ground. When this technology is implemented properly in a smoky bar, one can easily observe this phenomenon because the air is crystal clear in a room filled with smokers. These cleansing ions can also break down practically every type of odors, including cigarette smoke, cat urine, pet odor, and even reduces cancer causing Volatile Organic Compounds (VOCs) from sources like industrials chemicals, fresh paint, new carpet, and building materials (80% ammonia reduction in one hour).

Air Fantastic owner, Mark Mueller, says "This advance technology is as important to sanitizing and decontaminating the surface and airborne areas of the indoor environment as chlorination is to eradicating waterborne contaminants such as cholera and typhoid over 100 years ago. This technology can help people protect themselves from indoor germs. Sufferers from allergies, asthma, and other respiratory ailments usually have a reduction in their symptoms within 72 hours. I predict that in the future all indoor public buildings will require this technology to protect the public health, very much as drinking water today is sanitized with chlorination."

Air Fantastic produces four different stand-alone units to cover areas of various sizes. In general, only one unit is needed for the entire home or business for up to 3,000 sq. ft. For larger areas such as grocery stores, airports, public buildings and office areas, HVAC units are available to cover areas from 3,000 to 7,000 sq. ft. For more information on this technology, please contact Air Fantastic toll free number (800) 4-AIR-FAN (800-424-7326) or visit our website at www.airfantastic.com.