



PRESS RELEASE
For Immediate Release

Contact: Green Health Technologies info@greenhealthtechnologies.com (800) 687-4188

Space-aged technology kills mold from hurricane Sandy aftermath

Today families that have survived the ravages of hurricane Sandy are now contending with the dangers associated with exposure to toxic mold. Thanks to space-aged technology developed by NASA, hurricane Sandy victims can destroy deadly mold and a host of other airborne pathogens and microorganisms. The technology is called ActivePure® RCI (Radiant Catalytic Ionization).

WHAT IS ACTIVEPURE RCI?

ActivePure RCI (Radiant Catalytic Ionization) technology comes out of the NASA Space program. It uses a specific high intensity UV light that generates super oxide ions and hydro-peroxides that are the byproduct of a photo catalytic reaction with a metallic target. The hydro-peroxides created by this process are in vapor form and have powerful anti-microbial properties. The advantage of RCI technology over passive air filtration systems is its ability to reduce microbials at the source. This technology is currently in use in hospitals to prevent spread of infection and is safe and approved for use on surfaces that come in contact with ready-to-eat food.

MOLD REDUCTION TEST RESULTS

To test the effectiveness of ActivePure® RCI in destroying ten of the deadly forms of mold, fungi bacteria and virus, testing was conducted by Kansas State University's department of Animal Sciences and Industry. Ten microorganisms were chosen for analysis. Three samples of each microorganism were prepared and placed on a stainless steel surface, allowing analysis at 2 hours, 6 hours and 24 hours of exposure (See petri dish photos). After 24 hours of exposure to air treated with ActivePure RCI technology, the viability of the test organisms was reduced between 96.4% and 100%. After just two hours of exposure, the average reduction rate was over 80%. "The use of ActivePure can reduce exposure by inactivating a majority of harmful bacteria, viruses and mold from surfaces in the protected area," said Dr. James Marsden, Regents Distinguished Professor at Kansas State University and a lead researcher involved with the testing.

HOW DOES IT WORK?

ActivePure® RCI technology can be found in Vollara's FreshAir Surround air purifier. The unit, about the size of a small bookshelf speaker, will kill mold on any surface within a 3,000 square foot area. Simply place the unit in a central location in your home and select the desired cleaning setting to match the size of your environment as well as fan speed and FreshAir Surround's mold-killing vapor will arrest mold growth in as little as 2- 4 hours. After the initial cleaning period, you can use FreshAir Surround at its lower default setting for continuous protection against mold and other airborne pathogens.

For more information about Vollara's complete line of air purification products visit:
www.greenhealthtechnologies.com