PRESS RELEASE August 26, 2009

Sanuvox UV air sterilization systems' ability to deactivate airborne viruses

(Montreal, Canada) In light of the growing concern of the 2009 H1N1 virus (Swine Flu) and the beginning of the back-to-school season for millions of American and Canadian students, Sanuvox wishes to inform the public on the ability of Sanuvox UV Air Sterilization systems to destroy airborne biological contaminants including viruses, bacteria and bacterial spores.

Using proprietary UV technology, the Sanuvox In-Duct Ultraviolet Air Sterilization System is designed to maximize exposure time between the air and the UV germicidal energy. The UV system has been proven to deliver the optimal UV germicidal dosage, penetrating the cell membrane, destroying the DNA structure of the virus.

The Sanuvox UV Bio-Wall In-Duct Air Sterilizer has been tested by the US Environmental Protection Agency (EPA) and the US National Homeland Security Research Center (NHSRC) against a cross-section of viruses, bacteria and bacterial spores. Installed into the ventilation system, the Sanuvox UV Air Sterilization unit achieved on a single pass with no recirculation: a >99.97% destruction on S. marcescens bacteria, 99% destruction on the MS2 virus and 93% destruction on B. atrophaeus bacterial spore.

McGill University in Montreal Canada has tested the Sanuvox portable / stand-alone UV Air Sterilization unit (P900GX) against tuberculosis, and achieved a destruction rate of 90% while operating in the sputum induction room of the Montreal Chest Hospital.

Testing of Sanuvox UV Systems have been completed by the US Environmental Protection Agency, the National Homeland Security Research Center and McGill University on bio-contaminants which require up to ten times (10X) the dosage of UV energy to sterilize compared to the influenza virus.

In a 2003 report entitled Transmission of Influenza, Implications for Control in Health Care Settings [1] three modes of transmission relevant to influenza are described. These include Contact, Droplet and Airborne. Airborne transmission entails the production of infectious droplet nuclei, generally <5 µm in diameter, which, in contrast to droplets, can remain suspended in the air and be disseminated by air currents in a room or through a facility to be inhaled by a susceptible host. Preventing the spread of droplet nuclei requires the use of special air handling and ventilation procedures." [1] Infectious Diseases Society of America. Clinical Infectious Diseases 2003; 37:1095–1096

According to Dr. Normand Brais, President of Sanuvox Technologies Inc. "The use of Sanuvox high-intensity ultraviolet germicidal systems can limit the transmission of the airborne virus, thus preventing cross-contamination of building occupants and co-workers." Dr. Brais goes onto say, "children and students are particularly susceptible to airborne contaminants because of the number of occupants in a relatively small confined space within daycares, schools and universities."

To read the EPA / National Homeland Security Research testing on the Sanuvox UV Air Sterilization System please visit http://www.epa.gov/ordnhsrc/pubs/600r06053.pdf .

For information on 2009 H1N1 Flu (Swine Flu) please visit www.cdc.gov/h1n1flu/ .

Sanuvox Technologies manufactures UV Air Sterilization Systems which are installed into the ductwork designed to sterilize the biological contaminants as they pass through the UV system. Sanuvox also manufactures mobile decontamination units and stand-alone HEPA Filter / Ultraviolet Air Sterilization systems designed to destroy bio-contaminants while trapping particles down to .3 microns in size.

About Sanuvox Technologies:

Sanuvox Technologies, Inc. is the leading manufacturer of multi U.S. patented Ultraviolet Air Sterilization Systems and UV Coil Cleaners. Sanuvox manufactures UV Air Sterilization Systems for residential, commercial, industrial, medical & military applications.

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