

FIRST BRISTOL CORPORATION HAS COMPLETED THE INSTALLATION OF A UV AIR DISINFECTION/PURIFICATION SYSTEM AT 99 SOUTH MAIN STREET, FALL RIVER, MA

Fall River, MA – As part of its ongoing efforts to safeguard tenants, visitors and office guests against current and future health risks associated with viral, bacterial and other contaminants, First Bristol Corporation has invested in and installed a state-of-the-art, ultraviolet air purification system for use in its 100,000 S.F. First-Class Office Building at 99 South Main Street.

The BioWall Air Purification Unit is a patented product manufactured by Sanuvox – a Montreal-based global leader in the production of germicidal ultraviolet air purification systems. The system has been certified effective by the United States Environmental Protection Agency and is currently implemented within some of the most secure buildings in the country.

BioWall works through the installation of multiple high-powered ultraviolet lamp arrays into a building's HVAC system. Each time air cycles through the duct that contains the germicidal UV BioWall, contaminants are eliminated until the air is biologically 100-percent purified.

“BioWall prevents the HVAC system within a building from becoming a transmission path for contaminants to travel from room to room and floor to floor. It's like immunizing the building against airborne microorganisms,” said Ralph Fletcher, VP of Northeast Sales for Sanuvox. “Although the knowledge of utilizing ultraviolet light for sanitation purposes has been around for over 100 years, we are the only company currently harnessing it to successfully purify moving air.”

First Bristol Vice President Jamie Karam has been proactive in exploring different ways to protect public health inside First Bristol Corporation's buildings since the beginning of this pandemic, and stated “BioWall is another valuable tool for us in accomplishing that goal. We are currently the only multi-tenant Office Building in the City using this system.”

Examples of buildings that utilize Sanuvox air purification systems include:

- The J. Edgar Hoover FBI Building in Washington D.C.
- The U.S. Department of Transportation headquarters in Washington, D.C.
- The Walter Reed Army Medical Center in Bethesda, MD
- The U.S. Army Defense Acquisition University in Fort Belvoir, VA
- The FBI buildings located in Knoxville, Tenn. and Indianapolis, IN
- The Pennsylvania Emergency Management Center in Harrisburg, PA
- The U.S. Coast Guard facility in New London, CT
- NHL Hockey, Return to Play.
- EPA Approved.



An animated demonstration of how the ultraviolet purification system works can be viewed here: <https://youtu.be/L71KnWxBj1c>

First Bristol Corporation is a 40-plus year old, family-owned real estate development firm with over 4.5 million square feet of retail, commercial, residential and hotel properties throughout the Northeast. More information can be found at www.firstbristol.com



BIO-WALL MAX

IN DUCT purification
UV air sterilization system

The patented UV Bio-Wall MAX provides a "barrier wall" of UV energy, destroying biological contaminants passing through it. Each Bio-Wall MAX uses 5 High Intensity 19 mm lamps, which are mounted to Anodized Aluminum Parabolic Reflectors that reflect the full 360° of Germicidal Radiation. The Bio-Wall MAX lamps and extrusion are mounted parallel to the airstream in order to maximize the contaminant's contact time with the UV Energy. Sturdy metal box is housing 5 multi-voltage ballast and electronic board with dry contacts for building automation integration. Optional touch screen monitor is available for remote information.

Up to 60" long, it is sized accordingly for specific contaminants taking in account duct size, air speed, and the desired % kill of a specific contaminant.

Applications include: Commercial, Institutional, Medical & Military



BIO-WALL MAX FEATURES

- Reduce airborne infection rates, building related illnesses, workplace absenteeism while dramatically improving Indoor Air Quality
- Continuously treats the entire duct
- Destroys up to 99.9999% of bio-contaminants
- Sanuvox provides detailed Real-Time Kill Rates & Sizing Calculations
- Tested by the US EPA and National Homeland Security -destroy >99.9% on a single pass
- Available in 30" 40", 50" and 60" lengths
- Dry contacts and remote touchscreen available
- Warranty: 15 Years Ballast; 2 Years UV Lamp
- ETL certified



Ballast box and optional touchscreen



On demand sterilization rate calculation

The image shows two overlapping screenshots from the Sanuvox website. The left screenshot displays a 'WELLNESS' page with a list of products and their specifications. The right screenshot is a detailed spreadsheet titled 'ON DEMAND STERILIZATION RATE CALCULATION' which includes columns for 'Contaminant', 'Duct Size', 'Air Flow', 'UV Intensity', and 'Kill Rate'. It provides a comprehensive breakdown of the sterilization process for various contaminants.

