



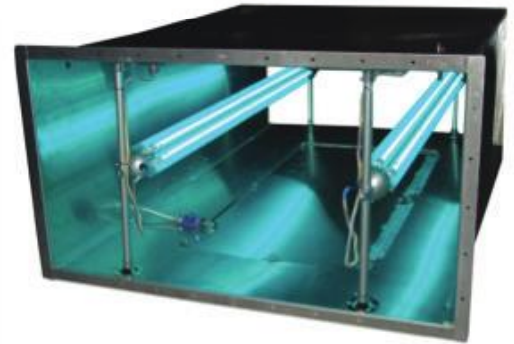
BIO-WALL

IN DUCT purification
UV air sterilization system

The patented UV Bio-Wall provides a "barrier wall" of UV Energy, destroying biological contaminants passing through it.

Each Bio-Wall 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 is mounted parallel to the airstream in order to maximize the contaminant's contact time with the UV Energy. Built into the ballast box, the Bio-Wall includes a digital visual hour accumulator, monitoring LED's and "Lamp Out" alarms. Dry contacts allow for building automation integration.

Up to 60" long, depending on the size of the duct, the velocity of the air moving within the duct, the specific contaminants to be treated and the desired % kill of the contaminants.



Applications include: Commercial, Institutional, Medical & Military.

BIO-WALL 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
- Digital Timer, LED, audible alarm, dry contacts
- Warranty: 15 Years Ballast; 2 Years UV Lamp
- ETL certified



SANUVOX TECHNICAL SPECIFICATIONS	
Model:	30, 40, 50, 60
Material:	Aluminum
Weight:	100 lbs
Dimensions:	19" x 19" x 19"
Power:	100W
Life Span:	15 Years
Warranty:	15 Years
Installation:	Simple
Operation:	Simple
Control:	Simple
Accessories:	None
Notes:	1. The Bio-Wall is designed for use in ducts with a minimum velocity of 100 fpm. 2. The Bio-Wall is designed for use in ducts with a maximum velocity of 1000 fpm. 3. The Bio-Wall is designed for use in ducts with a minimum diameter of 18 inches. 4. The Bio-Wall is designed for use in ducts with a maximum diameter of 60 inches. 5. The Bio-Wall is designed for use in ducts with a minimum length of 10 feet. 6. The Bio-Wall is designed for use in ducts with a maximum length of 60 feet. 7. The Bio-Wall is designed for use in ducts with a minimum flow rate of 100 cfm. 8. The Bio-Wall is designed for use in ducts with a maximum flow rate of 1000 cfm. 9. The Bio-Wall is designed for use in ducts with a minimum air change rate of 10 per hour. 10. The Bio-Wall is designed for use in ducts with a maximum air change rate of 100 per hour. 11. The Bio-Wall is designed for use in ducts with a minimum air velocity of 100 fpm. 12. The Bio-Wall is designed for use in ducts with a maximum air velocity of 1000 fpm. 13. The Bio-Wall is designed for use in ducts with a minimum air density of 0.075 lb/cu ft. 14. The Bio-Wall is designed for use in ducts with a maximum air density of 0.075 lb/cu ft. 15. The Bio-Wall is designed for use in ducts with a minimum air pressure of 0.01 psi. 16. The Bio-Wall is designed for use in ducts with a maximum air pressure of 0.01 psi. 17. The Bio-Wall is designed for use in ducts with a minimum air temperature of 50°F. 18. The Bio-Wall is designed for use in ducts with a maximum air temperature of 100°F. 19. The Bio-Wall is designed for use in ducts with a minimum air humidity of 10%. 20. The Bio-Wall is designed for use in ducts with a maximum air humidity of 100%.

