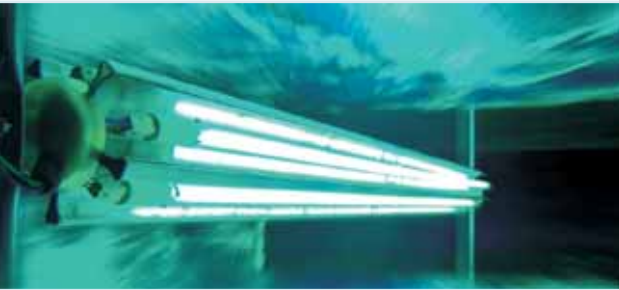
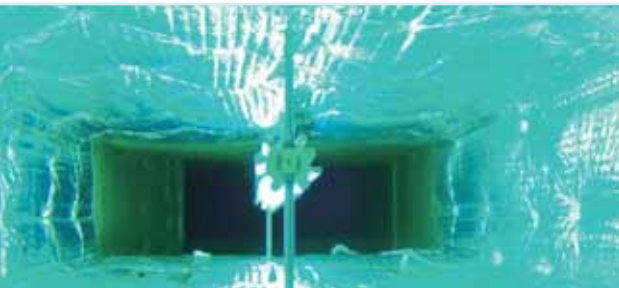




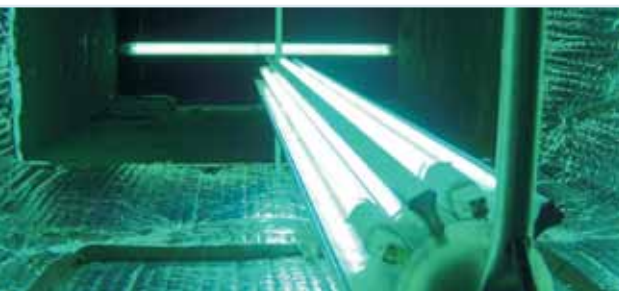
UV BIO-WALL



Installing parallel to the air-stream increases dwell time (contact time) with air



Creates a wall of germicidal uv energy in excess of 6 feet deep destroying airborne contamination



Severe chemical and odor applications: a single Multi-split lamp working in conjunction with the UV bio-wall is installed up-stream



\* UV Bio-Wall Ballast & Control Panel

Commercial UV Bio-Wall In-Duct

The UV Bio-Wall provides a “barrier wall” of UV Energy destroying biological and chemical contaminants passing through it.

Each Bio-Wall has 5 High Intensity 19mm Pure Fused Quartz Lamps, which are mounted to Aluminum Anodized 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.

The Bio-Wall is equipped with a monitoring display built into the ballast box which includes a digital visual hour accumulator, monitoring LEDs & “Lamp Out” alarms.\*

The number and length (can be up to 60" long) of Bio-Walls will depend 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.

See bottom of page 27 for explanation of Building Automation Monitoring Software.



FEATURES

- Drastically improves Indoor Air Quality
- Continuously treats the entire duct
- Destroys up to 99.99% of biological & chemical contaminants on one pass
- Available 18” to 60” Lamp lengths
- 5 High-Intensity Pure Fused 19mm Quartz UVC Lamps
- 5 Anodized Aluminum Parabolic Reflectors maximizes 360° of UV Energy
- Digital Hour Accumulator. LED & Audible Alarm on Ballast Control Panel\*
- Available with remote computer monitoring that can be tied into the buildings automation. Included software monitors Lamp life, system status and history (see bottom of page 27 for full description)
- Tested by The EPA & The National Homeland Security Research Center achieving greater than 99.97% destruction on Biological Warfare Agents on one pass
- CSA C/US Certified & CE Approved

ACCESSORIES

- Bio-Film Aluminum Foil for increased reflectivity. 150 ft roll x 6ft. Part# MSC6
- **For Elevated Chemical & Odor Applications.** Multi-Split Lamps w/ Reflector ranging from 12” - 60” lengths