

AeroLogic®

AIR DUCT DISINFECTION

Product Overview

- Fixtures may be mounted into new or existing duct systems
- Constructed of corrosion-resistant Stainless Steel
- Reduces and/or eliminates the growth of bacteria, mold and spores
- Controls the spread of airborne cold and flu viruses as well as other airborne transmitted diseases
- **Promate™** Observation Port/Sight Glass Assembly allows for visual inspection of the lamp, without the need to remove the fixture from the duct
- Continuous disinfection without special attention
- Efficient lightweight electronic ballast
- Numerous models available to handle various applications



Sample of Applications

- Residential, Commercial, or Industrial Building HVAC Systems
- Contact the factory for assistance in choosing the appropriate fixture for your application

Nutripure®

ULTRAVIOLET SANITARY CONDITIONERS

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Sanitizes & ventilates the air above liquid in storage tanks
- Variety of mounting configurations available
- Requires very little power to operate
- **Promate™** Observation Port allows for visual inspection of the lamp
- Low maintenance
- Continuous disinfection without special attention
- Numerous models available



Sample of Applications

- Disinfects air in head space of liquid storage tanks
- Contact the factory for assistance in choosing the appropriate fixture for your application.

Biolux®

GERMICIDAL ULTRAVIOLET FIXTURES

Product Overview

- Fixtures are constructed of stainless steel, polished chrome, or specular aluminum
- For use in **unoccupied** areas
- Irradiates small areas and exposed surfaces with direct germicidal ultraviolet rays
- Various models and configurations are available



Sample of Applications

- Laboratories, Hospitals, Clinics
- Operating Rooms, Universities, and Veterinary Clinics
- Electronic Production, Cosmetic Production, and Conveyor Belt Systems

Monozone™

ULTRAVIOLET AIR OZONE GENERATORS

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Uses **STER-L-RAY®** Ozone-Producing UV Lamps to destroy airborne bacteria, mold, and virus in **unoccupied** areas
- Requires very little power to operate
- **Promate™** Observation Port allows for visual lamp inspection

Sample of Applications

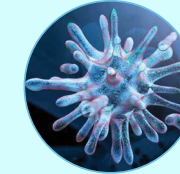
- Water Damage, Fire/Smoke Remediation, Odor Removal, and Mold Removal



HOW DO GERMICIDAL ULTRAVIOLET DISINFECTION SYSTEMS WORK?

Atlantic Ultraviolet Corporation's air disinfection systems contain one or more **STER-L-RAY®** Germicidal Ultraviolet Lamps. These germicidal lamps, produced by Atlantic Ultraviolet Corporation®, are short wave, low-pressure, mercury vapor lamps.

Approximately 95% of the ultraviolet energy emitted is at the mercury resonance line of 254 nanometers. This wavelength is highly effective against microorganisms including: virus, bacteria, and mold spores.



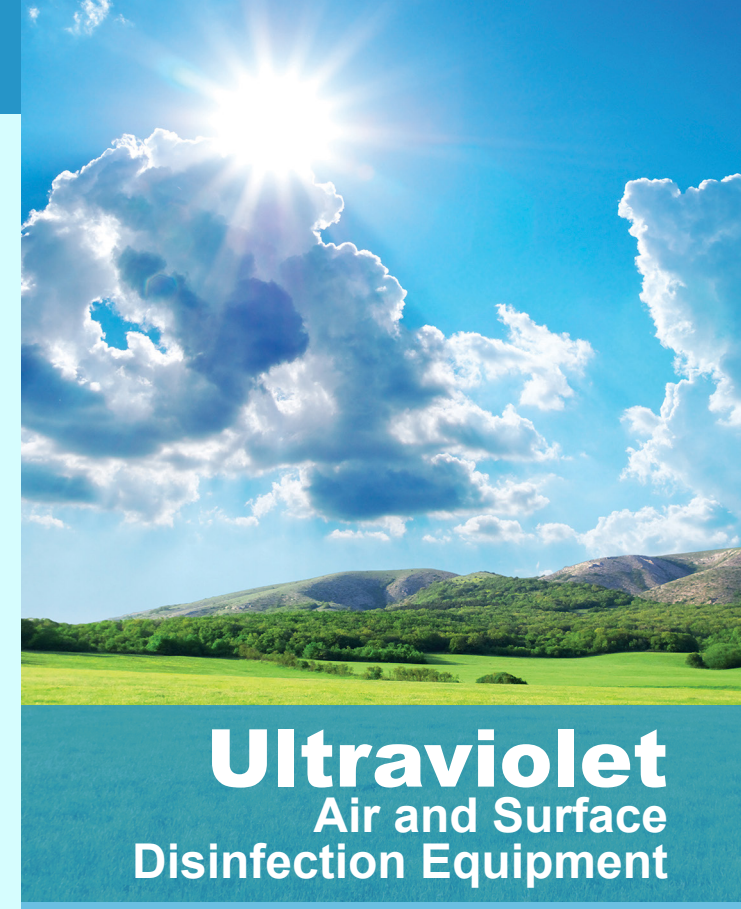
As the air stream and surfaces are exposed to the germicidal ultraviolet light, the genetic material of the microorganism is destroyed or inactivated, preventing them from reproducing and rendering them harmless.

MICROORGANISMS DEACTIVATED BY GERMICIDAL ULTRAVIOLET

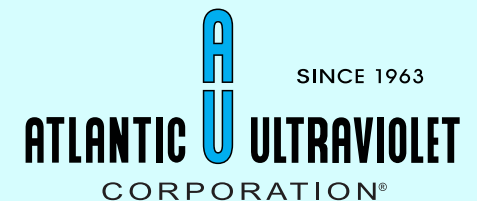
Organism	Type	Dose*
<i>C. diphtheriae</i>	Bacteria	6,500
<i>L. pneumophila</i>	Bacteria	2,700
<i>M. tuberculosis</i>	Bacteria	10,000
<i>P. aeruginosa</i>	Bacteria	3,900
<i>S. marcescens</i>	Bacteria	6,160
<i>S. aureus</i>	Bacteria	6,600
<i>S. epidermidis</i>	Bacteria	5,800
<i>Adeno Virus Type III</i>	Virus	4,500
<i>Coxsackie A2</i>	Virus	6,300
<i>Influenza</i>	Virus	3,400

*Nominal Ultraviolet dosage (µWSec/cm²) necessary to inactivate better than 99% of specific microorganism.

Consult factory for more complete listing.



Ultraviolet Air and Surface Disinfection Equipment



Manufacturers / Engineers / Sales / Service
Germicidal Ultraviolet - Equipment & Lamps

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631.273.0500 • Fax: 631.273.0771
Email: Sales@AtlanticUV.com

Ultraviolet.com • BuyUltraviolet.com

Sanidyne®

ULTRAVIOLET PORTABLE AREA SANITIZERS

SANITAIRE®

ULTRAVIOLET ROOM AIR SANITIZERS

Hygeaire®

ULTRAVIOLET INDIRECT AIR DISINFECTION

Sani-Ray®

GERMICIDAL ULTRAVIOLET RECESSED FIXTURES

SaniLIGHT®

GERMICIDAL ULTRAVIOLET IRRADIATORS

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Irradiates air and exposed surfaces with ultraviolet rays
- For use in **unoccupied** rooms
- Portable, compact and lightweight
- Rooms as large as 3,500 sq. ft. can be treated with one fixture
- 24-Hour Interval Timer, allows treatment time to be customized to room size



Sample of Applications

- Hospitals, Laboratories, Clean Rooms, and Operating Rooms
- ICU's, Burn Centers, Doctors Offices, and TB Clinics
- Homeless Shelters and Methadone Clinics
- Detention Centers, Kennels, and Dairy Plants
- Contact the factory for assistance in choosing the appropriate fixture for your application.

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Destroys harmful bacteria, mold and viruses in the air
- For use in **occupied** areas
- Variety of mounting configurations available
- A **Promate™** Sight Glass Assembly allows for visual inspection of the lamps
- Interior surface is polished maximizing ultraviolet intensity within the chamber
- Continuous disinfection without special attention
- Several styles available to handle various applications



Sample of Applications

- Homes, Offices, Food Processing, and Pharmaceutical Manufacturing
- Dairy Plants, Bakeries, and Methadone Clinics
- Clean Rooms, Homeless Shelters, Prisons, and Jails
- Auditoriums, Conference Rooms, Waiting Rooms, and Gymnasiums
- Contact the factory for assistance in choosing the appropriate fixture for your application.

Product Overview

- Constructed of corrosion-resistant Stainless Steel and Aluminum
- Irradiates air flow within ultraviolet field in upper portion of room
- Disinfects air in seconds, reducing the risk of cross infection and exposure of occupants to infectious airborne microbes
- For use in **occupied** areas
- Requires very little power to operate
- Two styles available to handle different room configurations



Sample of Applications

- Hospitals, Laboratories, Clean rooms, and Operating Rooms
- ICU's, Burn Centers, Doctors Offices, and Homeless Shelters
- Methadone Clinics, TB Clinics, and Detention Centers
- Kennels, Dairy plants, Day Care Centers, Schools, and Offices
- Contact the factory for assistance in choosing the appropriate fixture for your application.

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Irradiates air and exposed surfaces with ultraviolet rays
- For use in **unoccupied** areas
- Variety of mounting configurations available
- Very effective due to the long, unobstructed path of rays
- Continuous disinfection without special attention
- Numerous models available to handle various applications



Sample of Applications

- Laboratories, Hospitals, Clinics, and Maternity Areas
- Operating Rooms, Universities, Veterinary Clinics, and Animal Husbandry
- Electronic Production, Cosmetic Production, and Conveyor Belt Systems
- Contact the factory for assistance in choosing the appropriate fixture for your application.

Product Overview

- Constructed of corrosion-resistant Stainless Steel
- Irradiates air and exposed surfaces with ultraviolet rays
- For ceiling or wall mount in **unoccupied** areas
- Very effective due to the long, unobstructed path of rays
- Continuous disinfection without special attention
- Numerous models available to handle various applications



Sample of Applications

- Laboratories, Hospitals, Clean Rooms, and Operating Rooms
- Nursing Homes, Universities, and Veterinary Clinics
- Refrigerators, Meat Locker Plants, and Freezers
- Cold Storage and Processing Facilities
- Contact the factory for assistance in choosing the appropriate fixture for your application.