



GERMICIDAL ULTRAVIOLET AIR DUCT  
DISINFECTION SYSTEMS

### 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 virus, 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



GERMICIDAL 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.



GERMICIDAL ULTRAVIOLET  
FIXTURES

### Product Overview

- Fixtures are constructed of chrome-plated steel
- For use in **unoccupied** areas, or occupied spaces with proper protective measures in place
- Irradiates small areas and exposed surfaces with direct germicidal ultraviolet rays
- Strip fixtures available in various sizes
- Easy Installation



### Sample of Applications

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

## 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 shortwave, low-pressure, tubes.

Approximately 95% of the ultraviolet energy emitted from **STER-L-RAY®** germicidal lamps is at 254 nanometers, the region of germicidal effectiveness most destructive to bacteria, mold, and virus.

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	6.50
<i>L. pneumophila</i>	Bacteria	12.30
<i>M. tuberculosis</i>	Bacteria	10.00
<i>P. aeruginosa</i>	Bacteria	3.90
<i>S. marcescens</i>	Bacteria	6.16
<i>S. aureus</i>	Bacteria	6.60
<i>S. epidermidis</i>	Bacteria	5.80
MRSA	Bacteria	6.50
<i>C. diff</i>	Spore	16.00
Adeno Virus Type III	Virus	4.50
Coxsackie A2	Virus	6.30
Influenza	Virus	6.60

\*Nominal Ultraviolet dosage (mJ/cm<sup>2</sup>) necessary to inactivate better than 99% of specific microorganism.

Consult factory for more complete listing.

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# Germicidal Ultraviolet

## Air & Surface Disinfection



**ATLANTIC** **U** **ULTRAVIOLET**  
CORPORATION®

SINCE 1963

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

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Email: Sales@AtlanticUV.com

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# Sanidyne®

GERMICIDAL ULTRAVIOLET PORTABLE AREA SANITIZERS

# SANITAIRE®

GERMICIDAL ULTRAVIOLET ROOM AIR SANITIZERS

# Hygeaire®

GERMICIDAL 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
- ICUs, 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 virus 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 (at a **minimum** height of 7 feet above the floor)
- Requires very little power to operate
- Two styles available to handle different room configurations



## Sample of Applications

- Hospitals, Laboratories, Clean rooms, and Operating Rooms
- ICUs, 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.

**TO ORDER UV AIR & SURFACE DISINFECTION:**

**Call:** (631) 273-0500, Mon–Fri, 7am–6pm EST

**Email:** [Sales@AtlanticUV.com](mailto:Sales@AtlanticUV.com)

**Shop:** [BuyUltraviolet.com](http://BuyUltraviolet.com)

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