**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**

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

**Ultraviolet Air Ozone Generators**

- 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 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**

<table>
<thead>
<tr>
<th>Organism Type</th>
<th>Type</th>
<th>Dose (mJ/cm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. diphtheriae</td>
<td>Bacteria</td>
<td>6.90</td>
</tr>
<tr>
<td>L. pneumophila</td>
<td>Bacteria</td>
<td>12.30</td>
</tr>
<tr>
<td>M. tuberculosis</td>
<td>Bacteria</td>
<td>10.00</td>
</tr>
<tr>
<td>P. aeruginosa</td>
<td>Bacteria</td>
<td>3.90</td>
</tr>
<tr>
<td>S. marcescens</td>
<td>Bacteria</td>
<td>6.16</td>
</tr>
<tr>
<td>S. aureus</td>
<td>Bacteria</td>
<td>6.60</td>
</tr>
<tr>
<td>S. epidermidis</td>
<td>Bacteria</td>
<td>5.80</td>
</tr>
<tr>
<td>MRSA</td>
<td>Bacteria</td>
<td>6.50</td>
</tr>
<tr>
<td>C. diff</td>
<td>Spore</td>
<td>16.00</td>
</tr>
<tr>
<td>Adenovirus Type 41</td>
<td>Virus</td>
<td>4.90</td>
</tr>
<tr>
<td>Coxsackie A2</td>
<td>Virus</td>
<td>6.30</td>
</tr>
<tr>
<td>Influenza</td>
<td>Virus</td>
<td>8.80</td>
</tr>
</tbody>
</table>

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

Consult factory for more complete listing.
**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.

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**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

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**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
- 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.

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**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.

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**Product Overview**

- Constructed of corrosion-resistant Stainless Steel
- Irradiates air and exposed surfaces with ultraviolet rays
- For use in occupied 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**
- 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

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TO ORDER UV AIR & SURFACE DISINFECTION:
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