

Sani-Ray™

GERMICIDAL ULTRAVIOLET FIXTURES



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Since 1963, Atlantic Ultraviolet Corporation has pioneered the discovery and development of the beneficial uses of ultraviolet energy. Ultraviolet is a unique and rapid method of air and surface disinfection utilizing germicidal ultraviolet lamps that produce short-wave radiation that is lethal to bacteria, virus and other microorganisms.

SPECIFICATIONS FOR STANDARD MODELS

Model	Lamp	Total Ultraviolet Output ①	Dimensions			Rated Average Lamp Life
			Length	Width	Height	
RRD 12-1S	05-1500	3.1 Watts	12"	9"	5"	10,000 Hours
RRD 18-1S	05-1340	5.8 Watts	18"	9"	5"	10,000 Hours
RRD 24-1S	05-1348	8.5 Watts	24"	9"	5"	10,000 Hours
RRD 36-1S	05-1343	13.8 Watts	36"	9"	5"	10,000 Hours
RRD 48-1S	05-1334	19.3 Watts	48"	9"	5"	10,000 Hours
RRD 64-1S	05-1338A	25.0 Watts	64"	9"	5"	10,000 Hours
RRD 12-2S	05-1500 (2)	6.2 Watts	12"	9"	5"	10,000 Hours
RRD 18-2S	05-1340 (2)	11.6 Watts	18"	9"	5"	10,000 Hours
RRD 24-2S	05-1348 (2)	17.0 Watts	24"	9"	5"	10,000 Hours
RRD 36-2S	05-1343 (2)	26.0 Watts	36"	9"	5"	10,000 Hours
RRD 48-2S	05-1334 (2)	38.6 Watts	48"	9"	5"	10,000 Hours
RRD 64-2S	05-1338A (2)	50.0 Watts	64"	9"	5"	10,000 Hours
RRD 12-4S	05-1500 (4)	12.4 Watts	12"	14"	5"	10,000 Hours
RRD 18-4S	05-1340 (4)	23.2 Watts	18"	14"	5"	10,000 Hours
RRD 24-4S	05-1348 (4)	34.0 Watts	24"	14"	5"	10,000 Hours
RRD 36-4S	05-1343 (4)	52.0 Watts	36"	14"	5"	10,000 Hours
RRD 48-4S	05-1334 (4)	77.2 Watts	48"	14"	5"	10,000 Hours
RRD 64-4S	05-1338A (4)	100.0 Watts	64"	14"	5"	10,000 Hours

USES & APPLICATIONS

Sani-Ray™ Germicidal Ultraviolet Fixtures are stainless steel ceiling or wall mounted fixtures that irradiate room air and exposed surfaces with direct germicidal ultraviolet rays. This treatment is very effective due to the long unobstructed path of the rays. **Sani-Ray™** Germicidal Ultraviolet Fixtures should be utilized during periods when the area is unoccupied or when occupants take appropriate protective measures.

Sani-Ray™ Germicidal Ultraviolet Fixtures are open fixtures that irradiate room air and exposed surfaces with direct germicidal rays.

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① Ultraviolet Output at 254 nanometers at 100 hours and 80 degrees F (approximate).

- Standard units are hardwired
- 120 Volts 60 Hz and 220 Volts 50 Hz units are standard - specify when ordering
- Consult factory with other specific power requirements

SPECIAL FEATURES



Genuine
STER-L-RAY™

Slimline Germicidal Lamps are instant starting and provide the utmost in quality, sustained output and longevity. Approximately 95% of the ultraviolet energy emitted from **STER-L-RAY™** Germicidal Lamps is at the mercury resonance line of 254 nanometers. This wavelength is in the region of maximum germicidal effectiveness and is highly lethal to virus, bacteria and mold spores.



Steadfast™ Lamp Holder sets include a stationary and a spring-loaded telescopic holder, which hold a single pin lamp securely. The spring-loaded feature on one end facilitates convenient, quick and easy, lamp changes.



Surelite™ Electronic Ballasts are state-of-the-art electronic ballasts developed specifically for the operation of ultraviolet lamps. **Surelite™** instant start ballasts are smaller, lighter, more efficient and operate cooler than magnetic ballasts. These ballasts are silent and provide higher lamp output.

ADVANTAGES

Effective

Virtually all micro-organisms are susceptible to **Sani-Ray™** ultraviolet disinfection.

Economical

Equipment cost is generally less than other alternatives.

Fast

Disinfects both air and exposed surfaces in seconds.

Easy

Low maintenance and annual lamp change is all that is required.

Versatile

Various models available to accommodate most applications.



Customized System for Conveyor Belt Disinfection
Twenty Four - 48" Lamps with Cooling Fans

GERMICIDAL LAMP DATA

Lamp No.	Model No.	Lamp Length	Lamp & Holder Length	Power Consumption ^①	Ultraviolet Output ^②	Rated Average Lamp Life
05-1500	RRD 12	9-7/8" (251 mm)	12"	10 Watts	3.1 Watts	10,000 Hours
05-1340	RRD 18	15-7/8" (403 mm)	18"	17 Watts	5.8 Watts	10,000 Hours
05-1348	RRD 24	21-7/8" (556 mm)	24"	25 Watts	8.5 Watts	10,000 Hours
05-1343	RRD 36	33-7/8" (860 mm)	36"	39 Watts	13.8 Watts	10,000 Hours
05-1334	RRD 48	45-7/8" (1165 mm)	48"	50 Watts	19.3 Watts	10,000 Hours
05-1338A	RRD 64	61-7/8" (1572 mm)	64"	65 Watts	25.0 Watts	10,000 Hours

^① Wattage is lamp watts only and does not include ballast loss.

^② Ultraviolet Output at 254 nanometers at 100 hours and 80 degrees F (approximate).

Atlantic Ultraviolet lamps and equipment are manufactured in the USA.

CAUTION: Exposure to direct or reflected germicidal ultraviolet rays will cause painful eye irritation and reddening of the skin. Personnel subject to such exposure must wear suitable faceshield, gloves and protective clothing.

Hg - LAMP CONTAINS MERCURY, manage in accord with disposal laws, see: www.lamprecycle.org.

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or by Calling (877) 402-6100