

AeroLogic®

AIR DUCT DISINFECTION

ATLANTIC **U** ULTRAVIOLET
CORPORATION®

GERMICIDAL ULTRAVIOLET

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.

USES & APPLICATIONS

AeroLogic® Air Duct Disinfection Systems utilize germicidal lamps to protect personnel from potentially harmful airborne contaminants by effectively destroying airborne microbes including bacteria and virus in new or existing duct systems. Desired bacteria kill rates of 90% for the average commercial installation or 98% kill rates (essential for hospitals and pharmaceutical laboratories) can be achieved using these type fixtures. Units are constructed of tough, corrosion-resistant Stainless Steel to ensure long life.



Model AD30-2
(2 Lamp Unit)

ADVANTAGES

Economical

Systems requires very little power to operate.

Safe

No risk of over-exposure.

Fast

Disinfects both air and exposed surfaces in seconds.

Easy

Simple installation and maintenance.

Automatic

Continuous disinfection without special attention or measurements.

Durable

Polished Stainless Steel

Versatile

Numerous units available to handle various duct sizes and configurations.

Low Maintenance

Annual lamp replacement and periodic cleaning is all that is required.

www.ultraviolett.se

SPECIAL FEATURES



STER-L-RAY™

Ultraviolet Germicidal Lamps

Slimline, instant start lamps utilize tungsten filaments. Lamp life is governed by the life of the filaments and is affected by the frequency of starting.

STER-L-RAY™ lamps are well suited for a variety of air and water purification applications, which require high ultraviolet intensity.

Lamp Operation Indicator

Provides positive indication of each germicidal lamp's operation.

OPTIONAL ACCESSORIES

ArmorLite™ Safety Shield

Protective coating applied to STER-L-RAY™ Germicidal Lamps insures protection for employees, products and work environments by eliminating the dangers associated with fragments of broken quartz and mercury contamination.

SENTINEL™ Remote Lamp Indicator

Monitors lamp operation of 1, 2 or 4 lamp ultraviolet fixtures, and can be mounted up to 7,6 m from the fixture. Additional 7,6 m extension cables are available.

Zenith™ Ultraviolet Meter

A sensitive, hand-held, ultraviolet meter; used to check the intensity of aging ultraviolet lamps and survey rooms utilizing an ultraviolet air sanitizer to ensure that the ultraviolet radiant exposure of personnel within the treated area is within acceptable limits.

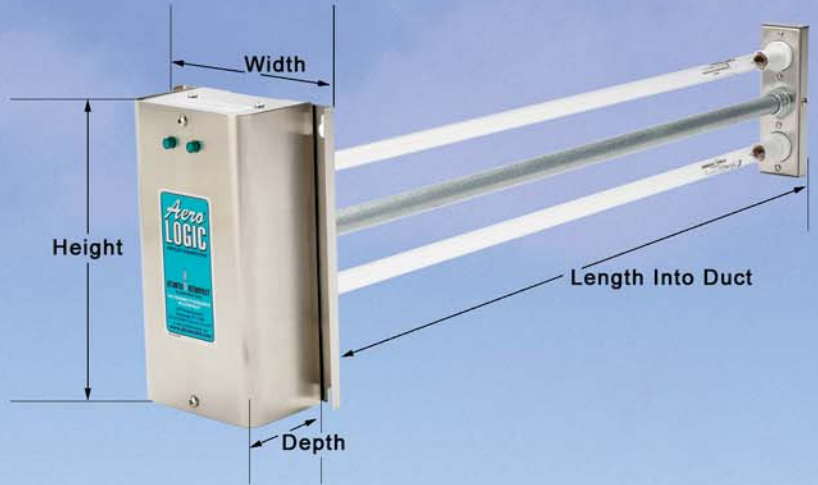
Steadfast™ Lamp Holders

Slimline base, single pin, lampholder set (includes one stationary end and one spring end) holds lamp securely while providing convenient, "quick and easy" lamp change.

SureLite™ Ballasts

State-of-the-art electronic ballast specifically developed for the operation of ultraviolet lamps. These versatile, instant start ballasts provide higher lamp output; are smaller, lighter, more efficient and operate cooler than magnetic ballasts.

SPECIFICATIONS FOR STANDARD MODELS



Model	Lamp ①	Total Ultraviolet Output ②	Lamp Extension (Into Duct)	Exterior Housing Dimensions		
				Height	Width ③	Depth
AD-12-1	05-1500-R	3.1 Watt	27,3 cm	20,3 cm	14,2 cm	7,3 cm
AD-18-1	05-1340-R	5.8 Watt	42,5 cm	20,3 cm	14,2 cm	7,3 cm
AD-24-1	05-1348-R	8.5 Watt	57,8 cm	20,3 cm	14,2 cm	7,3 cm
AD-30-1	05-1352-R	11.2 Watt	73 cm	20,3 cm	14,2 cm	7,3 cm
AD-36-1	05-1343-R	15 Watt	88,2 cm	20,3 cm	14,2 cm	7,3 cm
AD-48-1	05-1334-R	21 Watt	118,8 cm	20,3 cm	14,2 cm	7,3 cm
AD-12-2	05-1500-R	6.2 Watt	27,3 cm	20,3 cm	14,2 cm	7,3 cm
AD-18-2	05-1340-R	11.6 Watt	42,5 cm	20,3 cm	14,2 cm	7,3 cm
AD-24-2	05-1348-R	17.0 Watt	57,8 cm	20,3 cm	14,2 cm	7,3 cm
AD-30-2	05-1352-R	22.4 Watt	73 cm	20,3 cm	14,2 cm	7,3 cm
AD-36-2	05-1343-R	30 Watt	88,2 cm	20,3 cm	14,2 cm	7,3 cm
AD-48-2	05-1334-R	42 Watt	118,8 cm	20,3 cm	14,2 cm	7,3 cm

① Rated average lamp life is 10,000 hours.

② Ultraviolet Output at 254 nanometers at 100 hours and 26 Celsius (approximate).

③ Including flange

- 120 Volts 50/60 Hz and 230 Volts 50/60 Hz units are standard - specify when ordering
- Consult factory with other specific power requirements
- Models with other lamp quantities and configurations available - Consult factory with specific requirements

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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.