ADVANTAGES

Economical
System 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.

Durable
Polished Stainless Steel

Automatic
Continuous disinfection without special attention or measurements.

Versatile
Numerous units available to handle various duct sizes and configurations.

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

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

*Aero**Logic**®* 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.

GERMICIDAL LAMP DATA

Model	Lamp ❶	Total Ultraviolet Output ❷	Lamp Length Base Face to Base Face	
AD24-4	05-1348-R	34 Watts	21-7/8"	(556 mm)
AD30-4	05-1352-R	44.8 Watts	27-7/8"	(708 mm)
AD36-4	05-1343-R	60 Watts	33-7/8"	(860 mm)
AD48-4	05-1334-R	84 Watts	45-7/8"	(1165 mm)
AD64-1	05-1338A-R	33 Watts	61-7/8"	(1572 mm)
AD64-2	05-1338A-R	66 Watts	61-7/8"	(1572 mm)
AD64-4	05-1338A-R	132 Watts	61-7/8"	(1572 mm)

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.

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.
or
Crystal Clear™ **Quartz Sleeve:**
Specially designed quartz sleeve to protect and insulate the germicidal ultraviolet lamp. The quartz sleeve protects the ultraviolet lamp from deposits of dirt and/or dust while insulating it from low air temperatures and the cooling affects of high air velocities in the air duct, insuring optimum ultraviolet output

Observation Port Sight Glass Assembly - Additional
A Sight Glass Assembly allows for visual inspection of the lamps, without the need to remove the unit from the duct. Available in 1 and 2 inch diameters.

Zenith™ Ultraviolet Meter
A sensitive, hand-held, ultraviolet meter that can be used to:
• Survey installations to ensure that the germicidal ultraviolet radiant exposure, of personnel within the treated area, is within acceptable limits. The Zenith™ Ultraviolet Meter provides accurate and easy-to-read levels of intensity that may be interpreted by anyone - not just engineers.
• Check the intensity of aging ultraviolet lamps
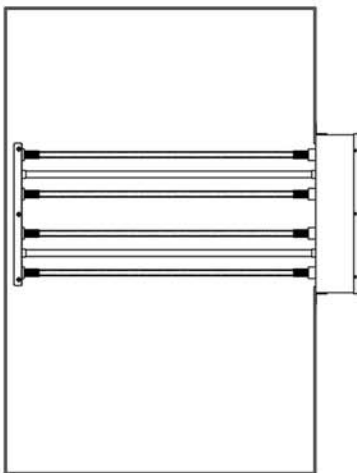
Steadfast™ Lamp Holders
Slimline base, single pin, lampholder set (includes one stationary end and one spring end) holds lamp securely while providing convenient, "quick and easy" lamp change.

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.
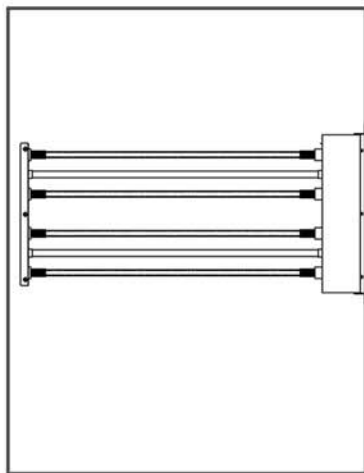
MOUNTING SPECIFICATIONS

The *Aero*Logic® Air Duct Disinfection units mount with universal mounting brackets. The (2) most common positions are shown below (units are perpendicular to air flow). Many other mounting positions can be achieved using the mounting brackets that are supplied with each unit.

Partial Internal
Lamps installed inside and ballast enclosure on outside of duct.

Full Internal
Whole unit installed within duct.

| Model | Depth (Inside Duct) | | Dimensions (Exterior Housing) | | |
	Partial Internal	Full Internal	Length	Height	Width
AD24-4	22-3/4"	26-13/16"	17-1/4"	7-3/8"	4-3/16"
AD30-4	28-3/4"	32-13/16"	17-1/4"	7-3/8"	4-3/16"
AD36-4	34-3/4"	38-13/16"	17-1/4"	7-3/8"	4-3/16"
AD48-4	46-3/4"	50-13/16"	17-1/4"	7-3/8"	4-3/16"
AD64-1	62-3/4"	66-13/16"	17-1/4"	7-3/8"	4-3/16"
AD64-2	62-3/4"	66-13/16"	17-1/4"	7-3/8"	4-3/16"
AD64-4	62-3/4"	66-13/16"	17-1/4"	7-3/8"	4-3/16"

• Units are available in various voltages - Consult factory with specific power requirements.
• Models with other lamp quantities and configurations available - Consult factory with specific requirements.