

AeroMed[®] InFinity[™] Upper Air Germicidal UV Fixture

AeroMed[®] Integrity

As a trusted partner for critical environmental applications, we are committed to serving our clients' needs with integrity, honesty and trust.

AeroMed[®] Reputation

AeroMed environmental infection control products are used by healthcare facilities and clinical researchers around the world.

AeroMed[®] Engineering

AeroMed products are designed specifically for critical applications like yours. We have unparalleled product flexibility leading to equipment that better fits your specific needs.



General Overview

The AeroMed[®] InFinity[™] UV fixture represents the first significant improvement in upper air UV design in over two decades! Utilizing AeroMed's patent pending, InFluence[™] technology, higher UV output levels are created throughout a space.

Upper air germicidal ultra violet units are designed to irradiate air that may be potentially contaminated with bacteria, viruses or mold. These fixtures have been used in healthcare facilities for several decades to protect occupants with little change in design over that time.

Improvements to standard baffle and reflector design, along with opening up the sides of the fixture, have given the InFinity[™] series a higher output of UV irradiation. *Higher UV levels within the upper air of a room will lead to improved performance, ultimately creating a safer environment for patients, staff and visitors.*

What makes us better?

- *Higher UV output provides better protection*
- *Wider angle of irradiation*
- *Less stray light and less UV exposure for staff*
- *Broader band of irradiation*
- *Designed for higher fluence rates than other units*
- *With higher output, fewer units may be required*

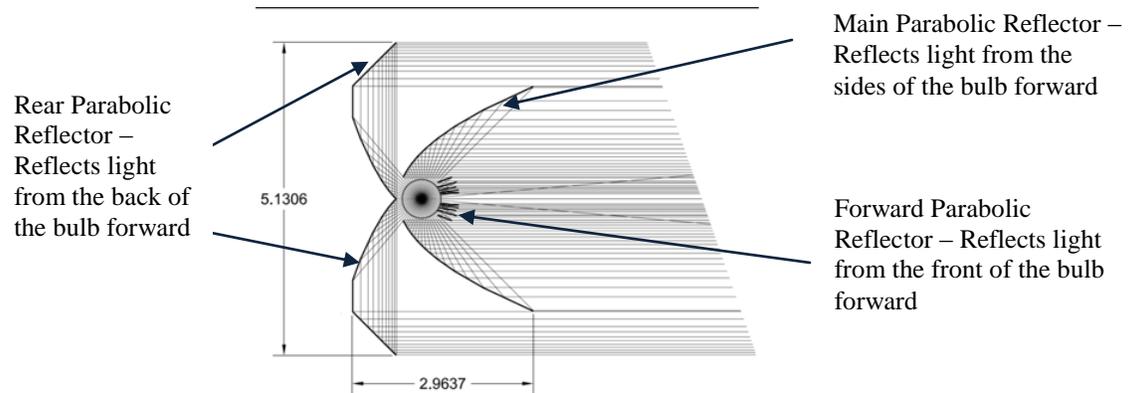
Features

Better Reflectors. The InFinity units use multiple reflectors to ensure that more of the UV light created by the bulb actually gets out of the fixture and into the upper air of the space.

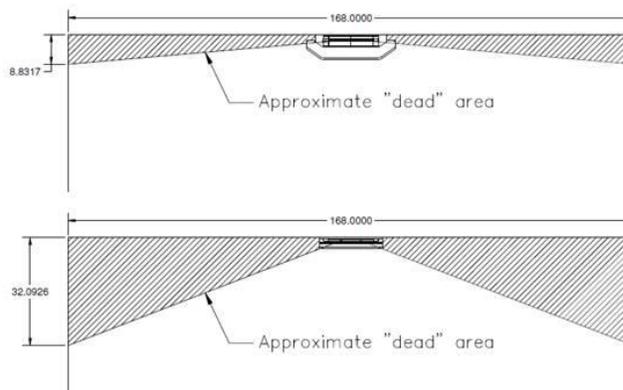
Better Baffles. Baffles block stray UV light that could create an exposure risk for staff and patients. The baffles are uniquely spaced to do a better job of blocking stray light while not interfering with light that is directed forward from the reflectors.

Better Coverage. The InFinity units are designed to not block the UV light coming from the side of the fixture. This gives the unit a wider angle of irradiation allowing more of the air in the space to be irradiated.

InFinity™ Upper Air Germicidal UV Fixture



The Infinity unit is the first fixture to use multiple parabolic reflectors to direct the UV energy out of the fixture. The geometry of a parabola is such that all energy coming from a correctly located focal point is emitted from the fixture as parallel or collimated light. In typical fixtures light coming off of the front and rear of the bulb is lost and is not reflected forward.



Wider Angle of Irradiance – The AeroMed Infinity fixture (top) has a wider angle of irradiance than typical UV fixtures. A typical fixture has over 350% more area that is not irradiated than the Infinity unit. The Infinity is a “green” product that does not create more UV energy but allows more of that energy to leave the fixture, increasing efficiency and performance, creating a safer environment.

Using AeroMed’s InFLuence™ technology increases performance while using standard components. This increase in output may allow the user to install fewer units and still create the necessary irradiance levels throughout the space. This will reduce the cost of the initial installation while also reducing the cost of maintain and powering the equipment.

AM-INF Specifications

Dimensions: x” H x xx” W x xx” D
Electrical: 115 Volts @ 60 Hz, xx Amps, xx Watts
Fuse: Internal
Weight: xx lbs
Cabinet: Baffles – powder coated steel
 Frame – 060 aluminum

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AeroMed® Innovation

AeroMed continues to drive the evolution of infection control engineering in healthcare and bio-terror applications.

AeroMed® Compliance

Through our products, services and consulting, AeroMed , partners with your facility to achieve and maintain compliance with industry codes, standards and guidelines.

AeroMed® Experience

With over twenty years of experience in environmental infection control, AeroMed has unparalleled experience in the healthcare industry.