LUCIDIUM®

By RGF®

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LUCIDIUM® FUSION

Best-In-Class Continuous UV-C Air Treatment for Indoor Environments

The Lucidium® Fusion incorporates over 130 years of UV science with modern materials creating the most effective, single pass, high flow pathogen reduction air purifier available. Lucidium® Fusion delivers the highest UV dose of any ceiling mounted unit available.

Third party testing demonstrates Lucidium® Fusion's ability to reduce MS2 bacteriophage by greater than 99.9% at an air flow rate of over 200 cubic feet per minute. Two Lucidium® Fusion models provide clean air delivery rates of 200 and 120 cubic feet per minute of disinfected air.

UV-C LIGHT

CFM

CIRCULATION



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Exceptional UV Performance with Low Operating Cost

Lucidium® Fusion provides HEPA level microbial reductions using less than a quarter of the electricity of similarly sized HEPA air purifiers. Fusion also eliminates frequent prefilter replacements needed to ensure HEPA units maintain air flow.

Quiet Operation

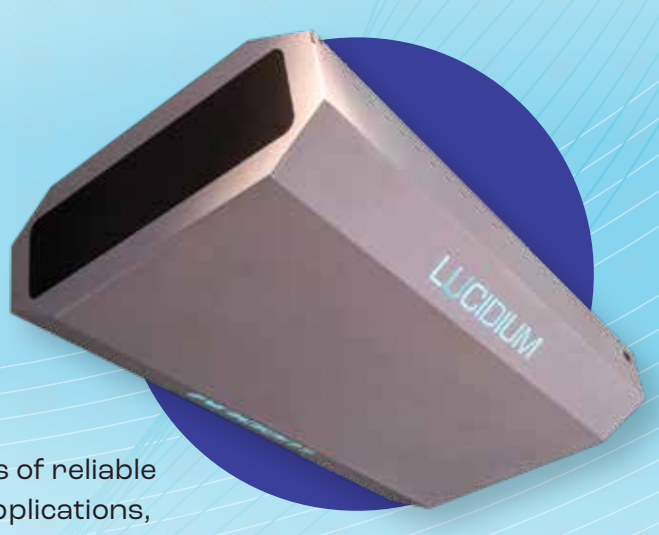
Lucidium® Fusion has been sound tested to <20 dB at 3 feet, making them a great option for all sensitive environments such as schools, hospitals, recovery centers, assisted living facilities, conference rooms and offices. In comparison most medical grade in-room HEPA systems are typically rated around 50 decibels. The current ANSI standard, and World Health Organization recommendation, for background noise in an unoccupied classroom is currently set at 35 decibels.

Flexible Operation

Lucidium® Fusion delivers single pass inactivation of for most common pathogens and therefore can be sized the same as filter-based systems such as in-room HEPA. Unlike traditional upper-room UV systems, Lucidium® Fusion is fan powered to ensure the entire room is treated with a measured UV dose.

Universal Installation

Lucidium® Fusion can be installed with any ceiling height 8 feet or over. Systems are designed with knockouts for quick installation directly to ceiling joists, or can be quickly installed into drop ceilings using the Drop Ceiling Installation kit.



Maintenance

Lucidium® Fusion UV lamps offer 12,000 hours of reliable germ fighting energy. In typical commercial applications, Lucidium® Fusion UV lamps will operate for 2 to 4 years before requiring replacement. A swing down cover provides easy access for UV lamp replacements.

ITEM#	REPLACEMENT LAMP	ELECTRICAL	WATTS	DIMENSIONS	SHIP WT.
LFUS-120	PHIC-LFUS-GUV	120VAC 1.5A	17	48" x 28-1/2" x 11"	70 lbs.
LFUS-200	PHIC-LFUS-GUV	120VAC 1.5A	17	48" x 28-1/2" x 11"	70 lbs.

MATERIALS
Anodized Aluminum, Aluminum and Galvanized Steel with Powdercoat

REPLACEMENT LAMP HOURS
12,000 hours

MICROBIAL REDUCED
Viruses, Bacteria, Mold and Odors

CLEAN AIR DELIVERY RATE
120/200 CFM

WARRANTY
1 year (U.S. only)

RGF ZERO OZONE
Does not emit more than 0.005 ppm
Uses UVGI Lamps

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