

## VFCU Series

### IN AHU AND IN DUCT UVC FIXTURES

Polluted indoor air contaminants (pollution) can include airborne germs such as virus, bacteria, and fungus.

Our VFCU air disinfection system utilizes 254nm UVC light and is for use in small vertical fan coil and heat pump systems.

- Offers a smaller profile for narrow and confined spaces
- Allows for easy installation and access for maintenance in the future.
- Eliminates chemical coil cleaning and helps to maintain/increase efficiency of the coil and system.
- Reduces biological contaminants and growth.
- Provides improved indoor air quality (IAQ) and pathogen mitigation.

#### Models

The VFCU is available in three lamp sizes (35W, 60W, and 95W). All lamps are non-proprietary Philips lamps that are chill corrected to treat cold moving air.



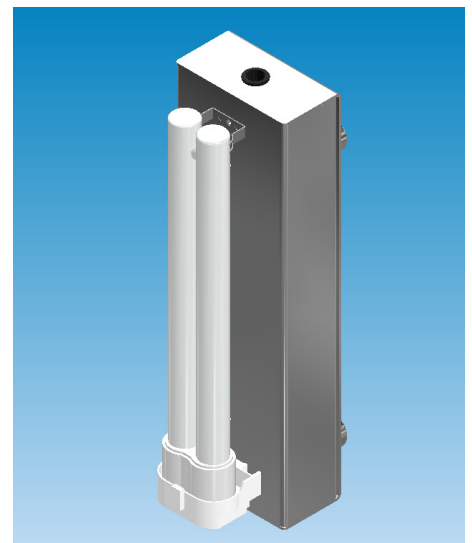
Disinfects air and surfaces in vertical fan coil A/C & heating units.



Works 24/7 to keep air free and clear of airborne contaminants.



Neutralizes and eliminates the infectious airborne pathogens that cause respiratory illness and disease.



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### Standard Specifications

Lamp Specs	PL-L 35W, 60W, 95W TUV (non proprietary)
Wavelength	254 Nanometers
Expected Lamp/ Bulb Rated Life <sup>1</sup>	18 months
Lamp Socket	Single Ended, 4 Pin, 2G11
Lamp Qty.	1 x 35W UVC High Output Lamps
Input Voltage	Self Regulated Electronic UV Ballast 120V to 240V
Housing Finish	Aluminum
Electrical Requirement	Rated for 110V(1.05A) - 240V(0.53A) Only

### Certifications:



ASHRAE	meets ASHRAE TC 2.09
EPA <sup>2</sup>	EST. NO. 91347-TN-001

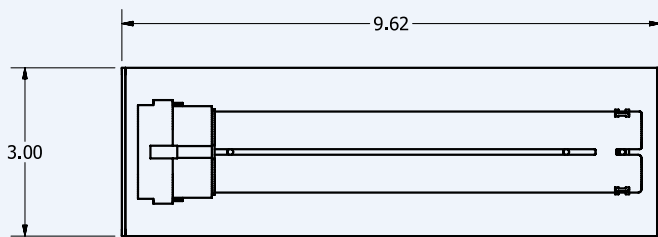
**Warranty** Lamps/2 years; Parts/5 years

### Ordering Guide

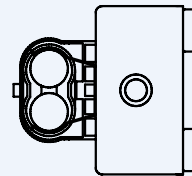
Model	Description
VFCU-135	One 35 W, High Output 9" lamp, 180° disinfection
VFCU-160	One 60 W, High Output 16" lamp, 180° disinfection
VFCU-195	One 95 W, High Output 21" lamp, 180° disinfection

<sup>1</sup>With 80% utilization

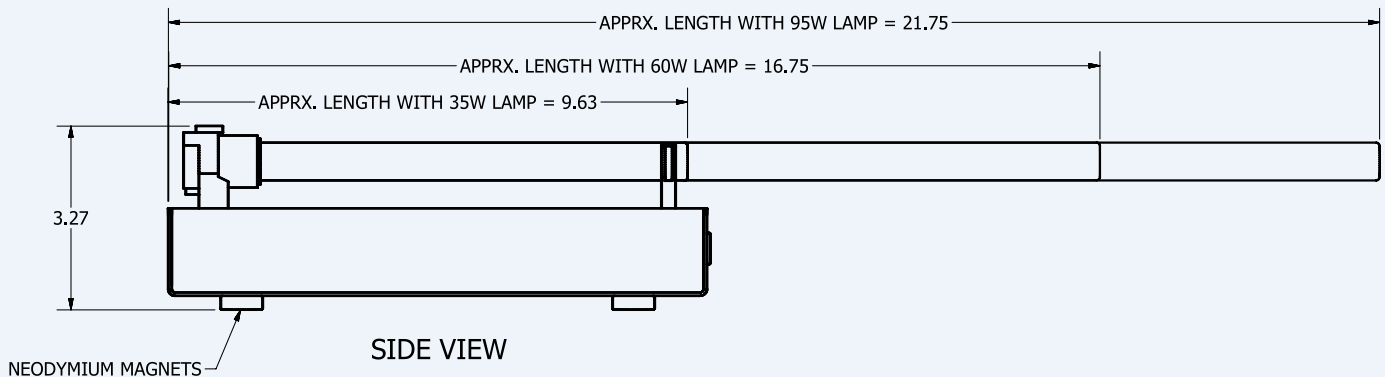
<sup>2</sup>The manufacturer is registered with the US EPA. Clinical lab testing has been performed in independent labs.



TOP VIEW



This drawing shows the side view with the different bulb lengths noted.  
Note: The 60W and 95W bulbs extend past the aluminum housing.



Due to continuing research, Lumalier reserves the right to change specifications without notice.