

Researched, Tested, and Study-backed

Indoor environments are at high risk as they are continually exposed to viruses, bacteria, mold, allergens, and other pollutants that can quickly contaminate air and surfaces and stay active and infectious for extended periods of time, risking health and lives.

Our researched, tested, study-backed, and **affordable** ultraviolet germicidal irradiation (UVGI or UV) equipment harnesses the power of UV-C light to kill pathogens or render them harmless. UV is a well-established means of disinfection used to help prevent the spread of infectious diseases.



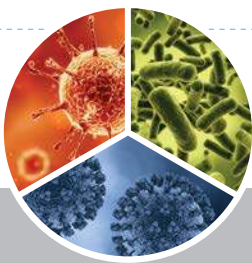
UPPER AIR UV SANITIZING SYSTEM

PSF Series

The **PSF Series** (PSF-16 and PSF-24) offers targeted, high-level UV disinfection for smaller indoor spaces, including those with no HVAC in place.

The compact, upper room units are easily wall-mounted to provide continuous air disinfection in a contained device. The **PSF-16** is designed for rooms less than 250 sq. ft. and features one integrated fan to create powerful airflow, while the **PSF-24** can take on rooms up to 400 sq. ft. with two fans.

This upper air UV equipment also helps reduce pathogens that settle out of the air and onto surfaces. For example, if a larger pathogen aerosolizes for 20 seconds to 5 minutes and then falls out of the air, it contributes to surface disease transmission. These upper air UV solutions can help reduce both the air pathogen load and, in combination with normal surface cleaning procedures, help further reduce the surface pathogen load.



Aerapy UV kills >99.9% of tested virus and bacterial pathogens, including SARS-CoV-2 (the coronavirus that causes COVID-19)



“Consider using ultraviolet germicidal irradiation (UVGI) as a supplement to help inactivate SARS-CoV-2... Upper-room UVGI systems can be used to provide air cleaning within occupied spaces...”
CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), COVID-19 (CORONAVIRUS DISEASE)



UPPER AIR UV SANITIZING SYSTEM

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How Does It Work?

The **PSF Series** employs short-wavelength UV-C light to kill or inactivate pathogens such as bacteria, viruses, and molds in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganisms and/or rendering them helpless. While air naturally moves to the upper room via convection currents, these upper air products feature integrated fans to more quickly create circulation and airflow.

As the air circulates through the indoor space, each round trip from the lower room to the upper room and into the unit's disinfecting UV-C light continues to reduce the number and impact of pathogens.



To ensure the correct amount of germicidal UV-C light to help achieve the highest possible pathogen kill rate for your particular space, we use our proprietary sizing method. Working with you prior to shipping, we calculate based on size of your space and additional factors such as air flow, air circulation, and type of environment.

Disinfecting time depends on room size and pathogens targeted for elimination but, within minutes, pathogens can be mitigated from your space.

The **PSF Series** is an affordable and effective UV solution backed by science, quality manufacturing, and an experienced team that cares.



PRODUCT SPECIFICATIONS

Designed for rooms:

- less than 250 sq. ft. (PSF-16)
- less than 400 sq. ft. (PSF-24)

Requires at least 7 ft. ceiling heights and 120V to operate.

Wall mounted.

Direct wired or plugged in.

Fans located on the bottom to create powerful airflow.

Constructed of non-corrosive aluminum.

Manufactured in the USA.

>99.9% in One Air Pass



Independent laboratory testing shows that our UV systems killed more than **99.9% of tested virus and bacterial pathogens**, including SARS-CoV-2 (the coronavirus that causes COVID-19), in one air pass.

87.1% Reduction



Published three-year retrospective field study using our UV systems showed an **87.1% reduction in upper respiratory infections in the animal study subjects.**



We are happy to provide additional information. Just ask!

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