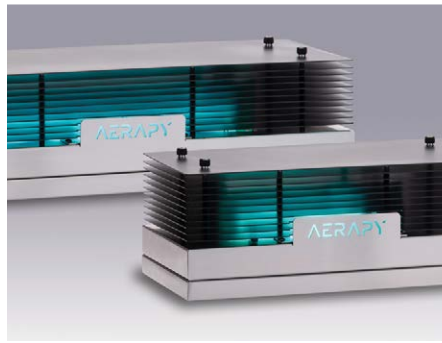
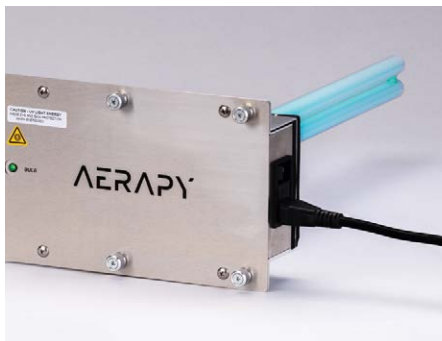


UV Disinfection Product Guide

HELPING YOU FIGHT PATHOGENS
IN THE AIR AND ON SURFACES



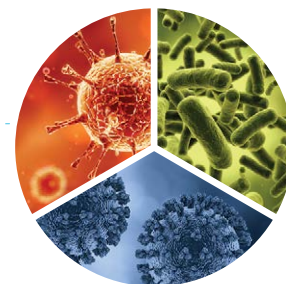
CERTIFICATIONS

- ETL Certified (UL1598 Safety)
- CAN/CSAC22.2 No.250.0
- UV Germicidal Equipment and Systems UL Subject 8802
- Products tested by ETL and meet the photobiological requirements based on IEC/EN 62471 standards
- Ozone Free
- Woman-Owned Small Business (WOSB)
- Woman Business Enterprise (WBE)
- Economically Disadvantaged Woman-Owned Small Business (EDWOSB)
- WBE - City of Chicago
- WBE, WOSB - SAM.gov
- WBE - State of Illinois



AFFORDABLE | PROVEN

UV Infection Control



Indoor environments are at high risk as they are continually exposed to viruses, bacteria, mold, and more that can quickly contaminate air and surfaces. Aerapy's ultraviolet germicidal irradiation (UVGI or UV) equipment harnesses the power of UV-C light to kill pathogens or render them harmless.



UV TESTS AND STUDIES
PAGE 3



UPPER AIR UV SOLUTIONS
PAGES 4-6



UV LIGHTS FOR HVAC SYSTEMS
PAGES 7-8



UV DISINFECTION FOR TRANSPORT VEHICLES
PAGE 9

Since 2008, Aerapy Has Been A Trusted Partner In Infection Control

Our affordable UV sanitizing solutions include patented and award-winning products designed to fight pathogens in the air and on surfaces. Aerapy UV technology is proven to kill more than 99.9% of pathogens including MRSA and SARS-CoV-2, the virus that causes COVID-19. Our UV products are tested and certified safe for occupied spaces.





The Leaders in Manufacturing Independently Tested and Studied UV Products

Germicidal UV is a proven, professional level means of disinfection for high-risk environments where infections are easily spread and sanitizing air and surfaces is critical. UVGI has been used for close to a century to help prevent the spread of measles, tuberculosis, and more. Leading authorities on disease mitigation including the Centers for Disease Control and Prevention (CDC) and the American Society of Heating, Refrigerating and Air-Conditioning Engineer (ASHRAE) specifically recommend UV for infection control.

Results of surprise indoor air quality analysis of Aerapy's upper room UVGI equipment.



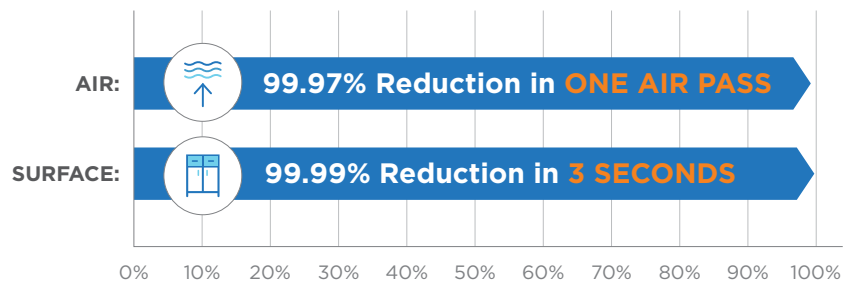
But not all UV is created equal.

Aerapy's researched, tested, and study-backed UV is independently proven to eliminate pathogens and certified to do so safely in occupied spaces.

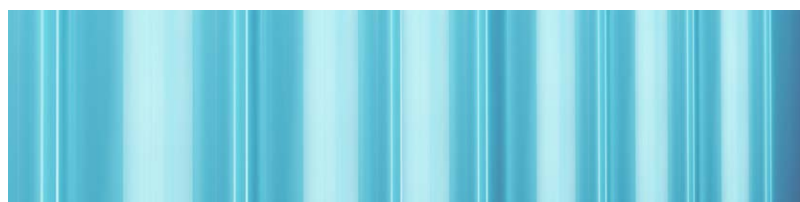
[READ STUDIES](#)

[WATCH VIDEO](#)

>99.9% REDUCTION OF SARS-COV-2



IN INDEPENDENT LABORATORY TESTING, AERAPY UV SYSTEMS ACHIEVED A 99.97% REDUCTION OF SARS-COV-2 IN THE AIR IN ONE AIR PASS. ON SURFACES, 99.99% OF SARS-COV-2 WAS DESTROYED IN THREE SECONDS.





Upper Air UV Products

Upper room UVGI (aka upper air UV) is designed for placement in the upper portion of indoor environments. Devices mounted on or near ceilings harness the power of UV-C to destroy aerosolized pathogens and other pollutants that contaminate the air.

ZONE360 SERIES

ZONE180 SERIES

PSF SERIES



Patent No. US 10,753,626 B2

Zone360 Series

Ceiling-mounted, high-level UV disinfection for high-risk indoor areas.

- Fits perfectly in 2 x 2 ft. or 2 x 4 ft. panel, or suspended from ceiling by cable/chain.
- Designed with louvers to collimate UV-C rays away from room below.
- Takes advantage of rising natural convection air currents.

MODEL	DESCRIPTION	COVERAGE
Zone360	One Fan 1-Speed (100cfm)	500-1000 sq. ft.
Zone360X	One Fan 3-Speeds (100cfm, 200cfm, 530cfm) Includes Remote Control	500-1000 sq. ft.
Zone360N	No Fan	500-1000 sq. ft.





Upper Air UV Products

Upper room UVGI (aka upper air UV) is designed for placement in the upper portion of indoor environments. Devices mounted on or near ceilings harness the power of UV-C to destroy aerosolized pathogens and other pollutants that contaminate the air.

ZONE360 SERIES

ZONE180 SERIES

PSF SERIES



Patent Pending

Zone180 Series

Wall-mounted, targeted UV disinfection for smaller indoor spaces.

- More compact for spaces with less square footage.
- Designed with louvers to collimate UV-C rays away from room below.
- Takes advantage of rising natural convection air currents.

MODEL	DESCRIPTION	COVERAGE
Zone180-16	One Fan 1-Speed (105cfm)	Up to 250 sq. ft.
Zone180N-16	No Fan	Up to 250 sq. ft.
Zone180-24	Two Fans 1-Speed (210cfm)	Up to 400 sq. ft.
Zone180N-24	No Fan	Up to 400 sq. ft.





Upper Air UV Products

Upper room UVGI (aka upper air UV) is designed for placement in the upper portion of indoor environments. Devices mounted on or near ceilings harness the power of UV-C to destroy aerosolized pathogens and other pollutants that contaminate the air.

ZONE360 SERIES

ZONE180 SERIES

PSF SERIES



PSF Series

Wall-mounted, compact and contained UV disinfection for smaller indoor spaces.

- More compact for spaces with less square footage.

MODEL	DESCRIPTION	COVERAGE
PSF-16	One Fan 1-Speed (105cfm)	Up to 250 sq. ft.
PSF-24	Two Fans 1-Speed (210cfm)	Up to 400 sq. ft.





UV Lights for HVAC Systems

Aerapy's in-duct UV disinfecting technology utilizes UV-C light to kill or inactivate pathogens in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganisms and/or rendering them helpless.

Constant exposure of UV-C germicidal energy with moderate air circulation will help to effectively sanitize pathogens such as bacteria, viruses, and molds in the air stream.

UV-C also keeps cooling coils clean without the need for expensive maintenance and provides energy savings. ROI details available upon request.

PAH SERIES

PPR SERIES



PAH Series

Designed to fit into any new or existing HVAC indoor split system.

- Constructed of non-corrosive aluminum.
- Small green LED for UV-C lamp.
- Quickly removes aerosolized pathogens.
- Generates energy savings with HVAC coil surface cleaning.

MODEL	DESCRIPTION	AMPS @ 120V
PAH-N08	One UV-C Lamp	0.5
PAH-N12	Two UV-C Lamps	1.0





UV Lights for HVAC Systems

Aerapy's in-duct UV disinfecting technology utilizes UV-C light to kill or inactivate pathogens in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganisms and/or rendering them helpless.

Constant exposure of UV-C germicidal energy with moderate air circulation will help to effectively sanitize pathogens such as bacteria, viruses, and molds in the air stream.

UV-C also keeps cooling coils clean without the need for expensive maintenance and provides energy savings. ROI details available upon request.

PAH SERIES

PPR SERIES



Patent No. 10806818

MODEL	DESCRIPTION	AMPS @ 120V
PPR-N08	One UV-C Lamp, Quick Connector	0.5
PPR-N12	Two UV-C Lamps, Quick Connector	1.0
PPR-N20	Three UV-C Lamps, Quick Connector	1.5
PPR-N40	Four UV-C Lamps, Quick Connector	2.0

PPR Series

Designed to fit into any new or existing packaged rooftop HVAC system.

- Features safety door switch and viewport.
- Equipped with quick connectors for fast and secure connection.
- Quickly removes aerosolized pathogens.
- Generates energy savings with HVAC coil surface cleaning.
- Model depends on HVAC tonnage.





UV Disinfection For Transport Vehicles

The DuoGuard ultraviolet germicidal irradiation (UV or UVGI) device for vehicles helps guard against the spread of pathogens two ways: an integrated fan creates powerful airflow for air disinfection during transport and, once unoccupied, sanitizes surfaces with the push of a button.

DUOGUARD

SURFACE DISINFECTION MODE



AIR DISINFECTION MODE



Patent No. 10,893,990

MODEL	DESCRIPTION
DuoGuard	One Fan, 1-Speed (105cfm) Four UV-C Lamps

DuoGuard

Ceiling-mounted UV air and surface disinfection system for vehicles.

- Features sliding panel, 60-second delay, door switch, motion sensor, and emergency switch.
- Constructed of stainless steel, non-corrosive aluminum, and UV-resistant polycarbonate end caps.

RECOMMENDED FOR:

- Ambulances (EMS, fire department)
- Mobile health clinics
- Mobile pet groomers
- Food trucks
- Buses and other mass transit
- Other service and transport vehicles

