

# UV for Transport/ Service Vehicles



## Unique Dual Sanitizing UV for Your Vehicle

Transport and service vehicles are continually exposed to viruses, bacteria, mold, allergens, and other pollutants that can quickly contaminate the air and surfaces and stay active and infectious for extended periods of time, risking health and lives. Aerapy's researched, tested, study-backed, and affordable germicidal ultraviolet (UV) equipment harnesses the power of UV-C light to kill those pathogens or render them harmless.

The patented DuoGuard helps guard against the spread of pathogens two ways: an integrated fan creates powerful airflow for **air disinfection during transport and, once unoccupied, the UV device sanitizes surfaces with the push of a button.**

**SURFACE DISINFECTION MODE**



**AIR DISINFECTION MODE**



## AIR AND SURFACE UV SANITIZING

# DuoGuard

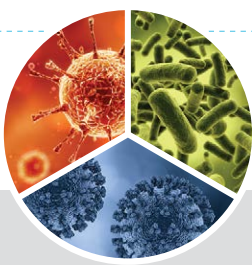
Patent No. US 10,893,990

DuoGuard's unique dual air and surface cleaning capability allows your vehicle to be cleaned both while in use, as well as in-between service calls while unoccupied, bringing unmatched disinfecting power.

While the vehicle is running, the compact, ceiling-mounted device offers continuous air sanitizing with fully contained UV-C lamps and an integrated fan to draw air into the device to clean and disinfect. When the vehicle is safely unoccupied, DuoGuard's surface sanitizing function can be engaged as an innovative panel slides back to reveal the UV-C lamps that then illuminate to further clean exposed surfaces within minutes after normal cleaning procedures.



SCAN FOR  
DUOGUARD VIDEO



**Aerapy UV kills >99.9% of viral and bacterial pathogens, including SARS-CoV-2 (the virus 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)

## AIR AND SURFACE UV SANITIZING

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## How Does It Work?

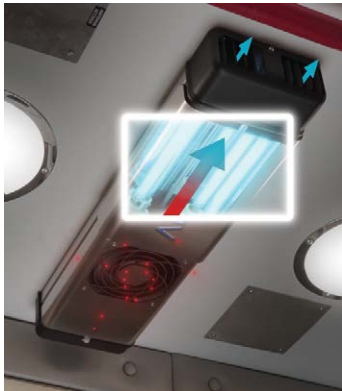
DuoGuard employs short-wavelength UV-C light to kill or inactivate pathogens such as bacteria, viruses, and molds in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganisms and/or rendering them harmless.

### AIR CLEANING:

Drawn into the device by an integrated fan, air then passes through DuoGuard's disinfecting UV-C light. Each trip through the device continues to reduce pathogens. The air sanitizing function can be engaged **while the vehicle is occupied** and in transport as the UV is fully contained within the device.

### SURFACE CLEANING:

The usual method of cleaning and wiping down surfaces is an important first step, but because vehicles have hard to reach, uneven surfaces it's easy to miss areas. DuoGuard's surface cleaning function exposes UV light to touch all exposed areas within the vehicle for your choice of 5, 10, 15, or 30 minutes and, in combination with normal cleaning procedure, is the optimal solution for surface disinfection.



## Safety Features

A sliding panel keeps the UV-C light fully contained while the air cleaning function is engaged and the vehicle occupied. For

surface cleaning, there is a 60-second delay after the function is activated, as well as these power interruption safeguards, to shut the device down while the UV-C lights are exposed: door switch, motion sensor, and emergency switch.

**AERAPY**  
UV DISINFECTION TECHNOLOGY

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## PRODUCT FEATURES

6.3" W x 2.8" H x 23.3" L

Designed for transport and service vehicles.

Disinfects both air and surfaces.

Ceiling mounted and direct wired.

Integrated fan.

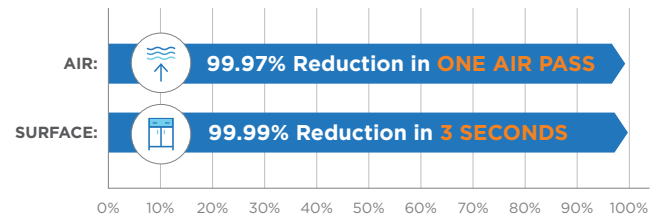
Specular reflectors for increased UV-C efficiency.

Solid state electronic ballast for low energy use, reliability, and operational safety.

Constructed of stainless steel, aluminum, and UV-resistant polycarbonate (end caps).

# >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.

# >99.9%

## Reduction of MRSA and More



Aerapy UV also showed a greater than 99.9% reduction in additional testing against pathogens including MRSA, enterovirus, and MS2 bacteriophage.

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