VIDASHIELD™

UV24

UV You Can't See, Benefits You Can.

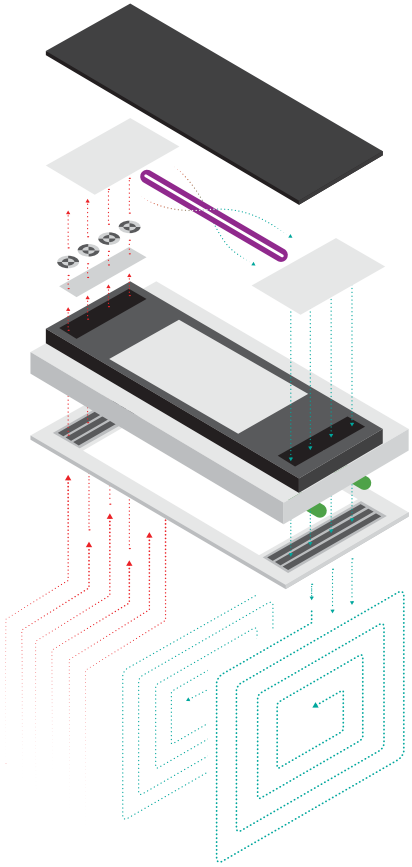
"Ultraviolet Germicidal Irradiation (UVGI) systems to help inactivate SARS-CoV-2"

Since the onset of the COVID-19 pandemic, schools and universities have faced the monumental challenge of providing a safe learning environment. Children are eager to return to school, sports, and their friends. Parents and teachers recognize the urgent need for kids and staff to return to a healthy and safe learning environment. Regardless of the reason, all see a safe return to in person learning as a must.

Until now, one insurmountable challenge has been disinfecting the air circulating within your facility. Now, the CDC recommends adding ultraviolet germicidal irradiation (UVGI) systems to help inactivate SARS-CoV-2 (Covid-19) in high-risk areas where increased ventilation is not possible. The Vidashield UV24 safely provides UVGI disinfection in the form of UV-C that is safe for your occupied spaces and is easily installed in both new construction and existing facilities.

How it works:

The patented Vidashield UV24 is an active air purification system. Each unit draws in airborne pathogens and pollutants with an array of fans. Air then passes through a MERV 6 filter where larger particulates of dust are trapped, but pathogens are able to pass through into a shielded chamber. A 253.7 nm UV-C bulb is used to treat the air, neutralizing viruses, bacteria, and fungi. The air exits the chamber at a 30-degree angle to promote optimal circulation. Vidashield UV24 is more effective than adding UV-C to HVAC systems, due to the large volume of air and speed in which air moves through overhead ducts making the UV-C within these ducts less effective.



The CDC recommends the incorporation of ultraviolet germicidal irradiation (UVGI) in the range of 254 nanometers to help eliminate SARS-CoV-2 (Covid-19) within indoor spaces. The most common way of delivery is the utilization of UV lamps. These lamps cannot be used while exposed due to damaging effects to the skin and eyes. This makes the Vidashield UV24 ideal as it utilizes a sealed chamber and shielded UV bulbs making it safe to use in occupied spaces.

ASHRAE recommends "UV-C Upper-Air Disinfection" in areas of high risk as being more effective than UV-C solutions housed in HVAC units.

Sources:

CDC – Ventilation in Buildings
CDC – Strategies for Protecting K-12 School Staff from COVID-19
ASHRAE – Filtration/Disinfection

Visit: www.cdc.gov www.ashrae.org

Vidashield UV24 helps to eliminate:

- Coronaviruses
- Influenza A virus
- Common Cold
- Measles virus
- Mumps virus
- Tuberculosis
- Pneumonia
- MRSA
- C DIFF

VS01

- Fluorescent or LED tubes
- 24" wide x 48" long x 6" high (UV chamber included)
- 44 lbs.
- 50-57 watts
- 120-277 voltage, 347 VAC
- Antimicrobial powder coat finish
- 4000 lumens (fluorescent), 3500 lumens (LED)
- Ultra-quiet air circulation fans

VS02

- LED panel
- 24" wide x 48" long x 6" high
- (UV chamber included)
- 42 lbs.
- 60 watts
- 120-277 voltage, 347 VAC
- Antimicrobial powder coat finish
- 7200 lumens
- Ultra-quiet air circulation fans

VS03

- No down light
- 24" wide x 48" long x 6" high
- (UV chamber included)
- 41 lbs.
- 120-277 voltage, 347 VAC
- Antimicrobial powder coat finish
- Standard pattern acoustical tile
- Ultra-quiet air circulation fans

Vidashield UV24 at a glance:

- Reduces viruses, bacteria, and fungi in the air.
- Reduces the settling of bio burden on surfaces.
- Operates 24/7 and 365 days a year.
- Utilizes 253.7 nm of UV-C to disinfect within a enclosed chamber. Making it safe to use in occupied spaces.
- Energy Efficient.
- Replaces existing overhead lights.
- Requires minimal maintenance.
- Hard ceiling mount optional.

Contact Information:

Medical Illumination:
19749 Dearborn Street,
Chatsworth, CA 91311

Phone: (800) 831-1222
Outside USA: (818) 838-3025
Email: questions@vidashield.com

VIDASHIELD UV24
www.vidashield.com

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www.medillum.com