



UVC Products for Healthcare

Breathe easy with Safeology™, a comprehensive suite of solutions for hospitals, clinics, and nursing homes.

Three reasons the healthcare industry is turning to Safeology.

A new paradigm centered around UVC cleaning.

From hospitals and clinics to senior care facilities and nursing homes, when the most vulnerable in our community need care, they also need extra protection to get well, stay well, and thrive.

At no time has this become more apparent than during today's COVID crisis. As the pandemic's toll on the healthcare industry has grown, so too has the now-universal understanding that UVC light can combat deadly viruses like SARS-CoV-2.

A new paradigm of cleaning centered around the use of UVC light is now the norm, the new gold-standard. Safeology™ leverages this power of UVC light to clean the air in healthcare facilities.

A comprehensive suite of UVC solutions.

Safeology has developed a comprehensive approach to fighting airborne viruses like SARS-CoV-2, one that can be easily customized to your hospitality facility's unique situation and needs.

UVC Upper Room Fixtures. UVC Upper Room Fixtures direct UVC light to the upper room zone, providing continuous air purification.

UVC Mobile Air Purifiers. UVC Mobile Air Purifiers offer round-the-clock cleaning. Simply position them in a room, turn them on, and let our UVC technology remove 99.9% of viruses from the air you breathe.¹

Personal Protective Equipment. We offer 3-ply face masks, KN95 respirators, and protective plastic face shields to give your employees an extra layer of protection.

Communication Materials. Our communication materials make it easy for you to reassure employees and guests that you've created a clean environment.

A quick and easy way to get started.

For some hospitality facilities, CARES Act funding and capital budgets provide the resources to purchase our UVC technology outright. For others, a leasing program makes the most sense. Either way, Safeology will partner with you to determine the best option for your unique situation.

¹ In laboratory testing, our UVC and HEPA filtration technology has been proven effective at eliminating 99.998% of airborne SARS-CoV-2, the virus that causes COVID-19. Contact sales@safeology.com for additional information.



DID YOU KNOW

Every day, one in 20 hospital patients will contract a healthcare-associated infection such as C. diff or E. coli.

Source: National Institutes of Health



ACCORDING TO EXPERTS

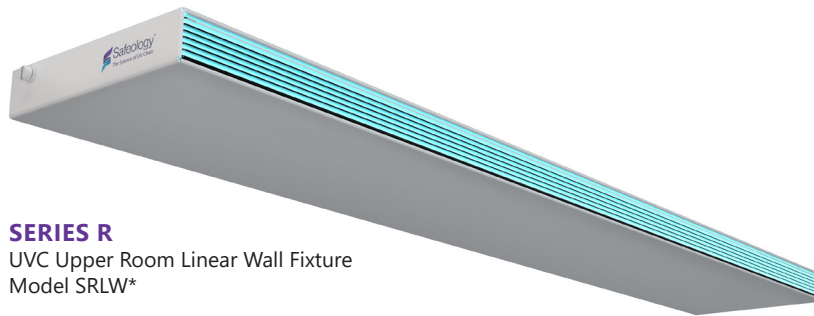
According to the American Journal of Infection Control, a study of patient privacy curtains found that after 2 weeks, 87.5% harbored MRSA.

Source: Medscape

UVC Upper Room Fixtures

Directing the power of light to clean indoor air.

Utilizing natural air circulation to move contaminated air into the Upper Room Zone, the Upper Room Fixtures clean the air using the proven power of UVC light. Placement and silent operation make them a perfect technology for indoor occupied environments.



SERIES R
UVC Upper Room Linear Wall Fixture
Model SRLW*

- | | |
|---|---|
| Uses CDC-recommended technology to clean air | Aesthetic minimalistic design |
| Silent operation | Light weight construction for easy installation |
| Continuous use in occupied rooms | Wall mount or ceiling installation; ideal for drop ceilings |
| Large room volume coverage | Patent pending technology |
| Optimized beam control to direct UVC to upper room area | Made in America with U.S. and global components |
| Designed for operation when people are present | |

*Other UVC Upper Room Fixture models are available. Visit safeology.com or contact sales@safeology.com for more information.

**Continuous
use**

**Silent
operation**

**Unobtrusive
placement**

**No ozone
emissions**

DID YOU KNOW

Upper Room UVC has the potential to offer significant protection at relatively low cost, and is especially well-suited for retrofitting older buildings.

Source: National Institutes of health

ACCORDING TO EXPERTS

For larger rooms, Upper Room UVC is a more practical and effective approach to achieve high levels of air cleaning.

Source: Singapore Center for Environmental Life Sciences

UVC Mobile Air Purifiers

Harnessing the power of light to reduce the spread of SARS-CoV-2.

Our Mobile Air Purifier leverage the science of UVC light to reduce the spread of airborne viruses such as SARS-CoV-2. Designed for round-the-clock operation, it features UVC technology and high-grade HEPA filtration, and has been proven to eliminate up to 99.998% of airborne SARS-CoV-2.²

Exceeds CDC recommendation for minimum MERV-13 air filtration

High-output UVC germicidal lamps

High-grade HEPA filter

Combined pre-filter and activated carbon filter reduces airborne odors and chemical disinfectant particulates, and extends life of HEPA filter

Delivers 6 to 10 Air Changes per Hour (ACH) in 2,000 ft² and 1,200 ft² rooms with 9' ceiling, respectively

SERIES M

UVC Mobile Air Purifier 1800 Model SM18*

*Other Mobile Air Purifier models are available. Visit safeology.com or contact sales@safeology.com for more information.



Steel construction

White powder coat finish

Wi-Fi wireless Cloud-based control and monitoring

Commercial grade

Quiet operation due to optimized airflow design

High-performance centrifugal fan and motor

Made in America with U.S. and global components

² In laboratory testing, our UVC and HEPA filtration technology has been proven effective at eliminating 99.998% of airborne SARS-CoV-2, the virus that causes COVID-19. Contact sales@safeology.com for additional information.

**Commercial
grade**

**Adaptable to
room size**

**No HVAC
integration**

**Quiet
operation**

DID YOU KNOW

Productivity losses stemming from absenteeism cost U.S. employers \$225.8 billion each year, or \$1,685 per employee.

Source: CDC Foundation

ACCORDING TO EXPERTS

For optimal air purification, the Centers for Disease Control recommend the simultaneous use of UVC light with HEPA air filters.

Source: CDC

Frequently Asked Questions

General

What is UVC light?

Ultraviolet light is part of the electromagnetic spectrum, the entire range of frequencies or wavelengths of electromagnetic radiation. Divided into seven distinct regions in order of decreasing wavelength and increasing energy and frequency, it extends from radio waves to gamma rays. Within this spectrum, ultraviolet light falls between x-rays and visible light, with wavelengths measuring between 100 and 400 nanometers (nm).

Does UVC light destroy viruses?

In research Safeology commissioned with Innovative Bioanalysis, an independent Level 3 Biosafety Laboratory, the Mobile Air Purifier 1800 from Safeology was proven to reduce aerosolized SARS-CoV-2. The device displayed a 98.44% reduction after 10 minutes and achieved a 99.998% (4-Log) reduction after 20 minutes.

UVC Upper Room Fixtures

How do Upper Room Fixtures work?

UVC Upper Room Fixtures work by taking advantage of the natural rise and fall of air currents that lift viruses into the upper zone of a room, where UVC light can be most effective against the viruses. For more than 80 years UVC Upper Room Fixtures have been used in hospital environments to keep the air clean.

What are the benefits of using Upper Room Fixtures?

While all UVC products are effective, UVC Upper Room Fixtures provide a few distinct advantages. First, they're mounted at, near or recessed into the ceiling, so they don't take up extra space. Second, they're completely silent, so they don't interfere with meetings, or detract from a quiet environment where the ability to concentrate is important. And third, they're ideal for older facilities in which major HVAC updates are challenging and cost prohibitive.

Are Upper Room Fixtures useable in occupied spaces?

Yes. UVC Upper Room Fixtures are specifically designed to clean the air when it reaches the upper part of the room, typically 8 feet or higher. As air circulates naturally in the room, it's automatically exposed when it reaches the upper room zone. Special louvers in the Fixtures direct the UVC light horizontally across the top of the room and prevent light from shining lower in the room where people are present.

Are Upper Room Fixtures easy to install and service?

UVC Upper Room Fixtures are designed for quick and easy wall-mount or ceiling installation, making them ideal for drop ceilings. The fixtures are equipped with an integrated auto-off feature and are designed for quick and easy lamp replacement.

UVC Mobile Air Purifiers

How many Air Purifiers do I need?

Air Purifiers are intended to remain in the rooms in which they're placed, so each room that needs to be cleaned should have its own unit. Our high-capacity Model SM18 is capable of achieving the CDC-recommended 6 to 10 air changes per hour in 2,000 ft² and 1,200 ft² rooms with 9' ceilings, respectively.

Are Air Purifiers quiet enough for an office environment?

Absolutely. Our specially-engineered centrifugal fan and motor offers optimized airflow that minimizes noise. In addition, the variable speed fan allows you to change the airflow to adapt to your sound requirements.

Frequently Asked Questions

UVC Mobile Air Purifiers

How often do I need to replace the UVC lamps?

Our UVC lamps provide up to 9,000 hours of lamp life. Based on using the Mobile Air Purifier 10 hours a day, 365 days a year, the lamps will last well over two years. Safeology's proprietary software monitors lamp efficacy and lets you know when it's time to replace the bulbs.

Do the Air Purifiers use filters as well as UV light to clean the air?

The UVC Mobile Air Purifiers include two separate filters to maximize their air scrubbing potential. A HEPA filter removes very small particles, and the combined pre-filter and activated carbon filter reduce airborne odors and chemical disinfectant particulates and increase the HEPA filter life.

How much does the Air Purifier cost?

With an expected effective lifespan of five years, depending on the size, UVC Mobile Air Purifiers provide continual 24/7 protection for around three to five dollars a day.





The Leading UVC Products for Hospitality Spaces

- UVC Upper Room Fixtures
- UVC Mobile Air Purifiers

Learn more at
www.safeology.com