



Keeping Residents & Staff Safe

With our bio-lab tested UV-C LED-based fixtures



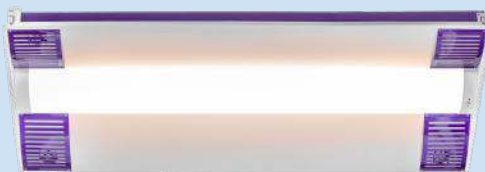
Elder Care Facilities Are Still At High Risk During The Covid-19 Pandemic

Per the CDC, due to their advanced age, and/or underlying health conditions, residents of Elder Care Facilities are at higher risk for severe illness from COVID-19. Add to that, “typical facility characteristics, such as frequent social activities, group dining, communal spaces, community activities, and shared transportation” places both residents and staff at an even greater risk of contracting and spreading viruses, often with devastating results.

UV-C Keeps the Air in Communal Spaces Clean

At UV Health Group, our scientists and engineers have developed the **SafeAirUV™** System, a UV-C LED-based platform to conquer the challenges of removing COVID-19 and other viruses from the air, specifically in rooms occupied with people.

Both the **Confidence™ LED** and **Assurance™ SafeAirUV™** Systems are designed to continuously cycle room air through a sealed, UV-C LED lights-filled chamber, inactivating virtually all viruses, while performing multiple room air changes per hour. These fixtures can be hung or mounted and are perfect for essential gathering places -- and with the additional benefit of eradicating viruses that cause seasonal flu and the common cold.



Safety, Proven with Science

In addition to its beautiful LED downlighting and circadian light settings, our Confidence LED fixtures use the most powerful wavelength of germicidal UV-C -- 275nm (20% more effective germicidal wavelength than typical 254nm UV-C from mercury-vapor bulbs).

*Our systems have been tested with live SARS-CoV-2 aerosolized virus (the cause of COVID-19) at the **University of Missouri's Infectious Disease Lab** - a Level III national bio-lab. **On top of a 99.9996% efficacy rate, results showed that the SafeAirUV™ System “inactivated the virus to below a detectable amount,”** per Dr. Paul Anderson.*

Airborne Viruses (Like COVID-19) Are Tricky

While HEPA filter solutions seem like a viable solution, airborne viruses are tiny and HEPA filters don't have a fine enough filter to catch them. And, as we now know, wiping down surfaces doesn't do anything to combat them.

Furthermore, unlike other UV-C air cleaning products, our fixtures don't use mercury-vapor UV-C bulbs which need replacing frequently at a high cost and added maintenance. We use LED UV-C technology which doesn't require any maintenance for 7-10 years.



Why do I need this? Can't I just open more windows?

We get it, you're currently being inundated with a variety of solutions for keeping your residents and your staff safe. However, those are only partially effective for a number of reasons.



Other Solutions

Opening Windows

Important Considerations

Doesn't circulate air frequently enough; not viable during cold temperatures, and many windows can't be opened.

Hepa Filters

A HEPA filter cannot capture particles smaller than .3 microns and SARS-CoV-2 virus (COVID-19) can be much smaller particles (.004 microns) that pass through HEPA filters.

HVAC Adjustments

HVAC systems don't affect the most critical air around people's faces and most HVAC systems will drag "infected air" across others on the way out of the room.

Portable Air Purifiers

There is no direct scientific evidence or testing that demonstrates the effectiveness of portable air cleaners in reducing COVID-19 transmission. And most are based on mercury-vapor UV-C bulbs and/or HEPA filters which need to be changed often and are hazardous to handle, expensive, and bad for the environment.

Cleaning Robots

These robots require rooms to be uninhabited and only serve to ensure non-shadowed surfaces and air are clean when the robot completes its duties. The first infected person who enters the room invalidates the entire robot cleaning.

Far UV-C Lights

While 222nm UV-C technology has been proven to kill pathogens over time, more testing is needed with humans to better understand long-term effects on eyes and skin tissue, only limited human testing has been performed using 222nm UV-C.

COVID Vaccines

It has yet to be proven that vaccines will stop the transmission of viruses and don't take into account other virus mutations, un-vaccinated people, or future pandemics.



Keep Your Elder Care Facility Safe

Reach out to UV Health Group to get a briefing and an estimate.

CALL: 503-597-8504 OR **VISIT:** <https://uvhealthgroup.com>