



What is UVC-Kleen? UVC-Kleen is a sterilizer that renders nearly any surface free from harmful viruses and bacteria. Items as small as keys, cups, masks or shoes to spaces as large as an entire room can be sanitized with the UVC-Kleen technology in as short as 30 seconds.

How does the UVC-Kleen work you might ask? The UVC-Kleen destroys the viruses and bacteria's RNA, essentially its ability to replicate itself, and renders it sterile and it dies. It's the same technology used to clean air, water, and even hospital operating rooms. The UVC-Kleen can be scaled to something from the size of a cellphone to as large as an entire room to fit each customer's unique needs.

Currently, in the Covid-19 pandemic most customers are especially concerned with how this technology works in destroying coronavirus. Many viruses comprise the family of coronavirus. While it's still under investigation how effective UVC-Kleen is against Covid 19, UVC has been determined to be 99% effective in destroying other coronavirus. For instance, SARS also from the coronavirus family have been destroyed from the UVC-Kleen technology including the bacteria "C. Diff" (*Clostridioides difficile*) and MRSA.

The UVC-Kleen kills viruses and bacteria in as little as 30 seconds when placed within 6 inches of the UVC light. The further away an item is from the light the longer it takes. The time required is based on dosage. Dose depends on the proximity from the light, the space, surface area and amount of time. Each UVC-Kleen is built and calibrated for each client's specific needs.

The UVC-Kleen is designed to protect the users from the dangers of exposure to UVC lights by requiring the system be closed during operation. Germicidal lamps don't produce much more heat than a standard florescent light. Heat isn't the mechanism that makes it work. You can be confident your UVC-Kleen is both safe and effective.

Will the UVC-Kleen kill the COVID-19 virus?

Many viruses are members of the Coronavirus family. While it is still under investigation how effective it is against COVID-19, UVC has been determined to be 99% effective eliminating other viruses in the Coronavirus family for instance SARS-COV-1 and bacteria's MRSA & C-Diff

How long does it take to kill viruses and bacteria?

The time required is more of a dosage than time. Typical time is less than a minute inside the UVC-Kleen standard unit. The farther away an item is from the lamp the longer it takes. For example our room sterilizer or other larger Kleen products may take longer.

How does UVC kill the viruses and bacteria?

UVC light destroys the RNA inside the viruses and Bacteria rendering it unable to replicate itself.

Is UVC light safe?

Yes as long as you do NOT expose your eyes or skin directly to the light. Exposure to UVC can cause severe skin burns and cause eye irritation. This can be accomplished by keeping the door shut during operation. UVC is not new and has long been used to clean water and air. Hospitals use larger units which we also build and sell to sterilize rooms after use.

How close does an item need to be to be effective?

Items that are placed within 6 inches of the lamps any germs on the surface are rendered harmless within seconds.

Does the sterilizer produce heat?

Germicidal lamps do not produce much more heat than a standard fluorescent light. Heat is not how this works.

Can I place metal objects in the sterilizer?

Yes you can place keys, cups, masks, shoes, combs etc. inside the sterilizer.

The sterilizer can be scaled to anything from the size of a cell phone to the size of a can pop machine or hotel room or belt conveyor. We can fit your application.