



# UV STERILIZATION GUIDE

Eliminate germs by utilizing the disinfecting properties of UV light.

## UV LIGHT FOR SURFACE + AIR SANITATION

Ultraviolet (UV) light is part of the non-visible electromagnetic spectrum and can be harnessed to effectively sanitize the air, water, and surfaces.

At the appropriate wavelength and fluence (dose), exposure to UV light modifies or destroys the genetic material (DNA and RNA) in viruses, bacteria, and mold, preventing replication.

UV-C (231-280nm) must be shielded from humans as it poses a carcinogenic safety risk. Continuous low doses of Far UV-C (200-230nm) have been studied and no human effects reported.<sup>2</sup>

Niels Ryberg Finsen won a Nobel Prize in 1903 in recognition of his contribution to the treatment of diseases, especially lupus vulgaris (tuberculosis of the skin), with UV light therapy.<sup>1</sup>

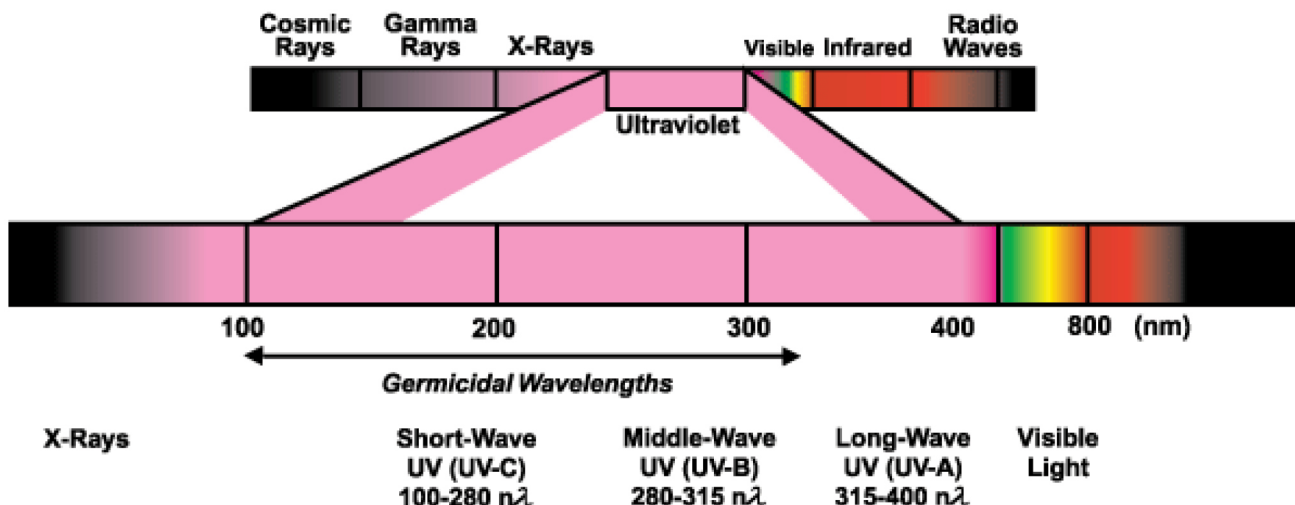


## Did You Know?

### SOURCES:

<sup>1</sup> <https://www.nobelprize.org/prizes/medicine/1903/finsen/facts/>

<sup>2</sup> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5552051/>



## Sterilization / Cabinets



**Double UV Sterilizer, 120V**

YC100 \$195.00



**Single UV Sterilizer, 120V**

YC101 \$175.00



**Silhouet-Tone Sterilux, 110V**

SLT185 \$379.00

## UV Sterilization / Cabinets



**J&A Epi-ray UV Sanitizer, 110V**

C91849 \$160.00



**Paragon UV Sanitizer, 120V**

GRF057 \$195.00



**Single Rack UV Sanitizer, 120V**

C9230T \$209.00

## Eliminate the risk of cross infection through contaminated instruments



**ELECTRONIC  
DETECTORS  
TURN OFF POWER IF  
THERE IS INSUFFICIENT  
WATER CHARGE**

**SINGLE  
ONE-STEP  
OPERATION**

**FULLY  
AUTOMATIC**

**MECHANICAL  
INTERLOCK  
SYSTEM PREVENTS  
LID FROM BEING  
REMOVED WHILE  
PRESSURE  
REMAINS IN  
THE CHAMBER**

**COST  
EFFECTIVE**

### **Prestige Medical 2100 Autoclave 120V**

Steam sterilization or autoclaving is the preferred method for eliminating the risk of cross infection through contaminated instruments and the only one recommended throughout the world by healthcare professionals, including the World Health Organization. This autoclave is one of the largest selling and most cost effective automatic autoclaves available. Single, one-step operation. Fully automatic. Electronic detectors turn off power if there is insufficient water charge. Mechanical interlock system prevents lid from being removed while pressure remains in the chamber. Large capacity chamber -8" in diameter and 9" deep. Weighs 9.9 pounds. UL Listed and FDA approved.

C7721 **\$1099.00**

**[SHOP THE PRESTIGE MEDICAL AUTOCLAVE](#)**

 Sterilization / UV 

healthe®

BY LIGHTING SCIENCE



### **HUMAN-CENTRIC LIGHTING**

Healthe is the leading provider of biological lighting solutions which help can help to regulate your body's circadian clock, boost performance, and enhance and improve sleep.



### **DOING MORE WITH LIGHT**

We are now able to use light as a modality to impact human health, to impact the sanitation of spaces, and ultimately deliver wellbeing and healthier and cleaner spaces.



### **AIR + UV SANITIZATION**

Healthe has patented commercial and consumer-grade technologies that utilize the known germicidal properties of UV light to inactivate airborne and surface viruses and bacteria.

Healthe's Cleanse® line was created to sanitize air and surfaces in our everyday environments. By employing ultraviolet (UV) technology, the Cleanse sanitization process modifies and destroys the genetic material (DNA/RNA) of bacteria and viruses preventing further replication.

While not replacing the traditional methods of cleaning and sanitizing air, surfaces, and personal items, integrating the Cleanse product portfolio into your normal cleaning routine reduces microbes in any environment.

**CLEANSE® | Chemical - Free, Air, & Surface Sanitization System, Downlight, 4,000K CCT**

Sanitization can be as easy as turning on a light! The Cleanse® Downlight offers a passive, continuous method to sanitize air and surfaces in your spa or salon. Equipped with a Far-UVC source, the Downlight delivers 222 nanometer light to inactivate microbes; the reduction achieved is dependent on the type of contaminant, distance from the source, and duration of exposure. The integral general illumination features a boost at 435nm to help activate antimicrobial properties of TiO2 found in surface coating and cleaners.

HBLS014 **\$1500.00**



**TOTAL POWER CONSUMPTION OF 20W**

**FAR-UVC TECHNOLOGY EFFECTIVELY PENETRATES AND INACTIVATES >90% OF PATHOGENS**

**RETROFIT ANY 6" TO 8" CONVENTIONAL RECESSED CAN FIXTURE TO A SANITIZATION DOWNLIGHT**

**MOTION-CONTROLLED MODE ACTIVATES FAR-UVC LIGHT VIA BUILT-IN PIR MOTION SENSOR**



**[SHOP THE CLEANSE DOWNLIGHT](#)**



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BY LIGHTING SCIENCE



## **CLEANSE® | CHEMICAL - FREE, AIR, & SURFACE SANITIZATION SYSTEM, PORTAL ENTRY GATE**

- Sanitize at Critical Entry Points: Position the free-standing Cleanse Portal next to any high traffic or critical entry point to significantly reduce infection transmission rates. ADA compliant.
- Far-UVC, the ultraviolet radiation band between 200-230 nanometers (nm), has been proven to penetrate and inactivate surface pathogens, such as bacteria, parasites, fungi, and viruses. Simply step into the Cleanse Portal and make a slow 360 degree turn for a 20 second dosage of Far-UVC.
- Studies indicate that there's no harm to humans from continuous low dosages of 222 nanometer, far-UVC light. Yet the source effectively inactivates over 90% of contaminants, based on the intensity and brief exposure time described.

### **CLEANSE® | Chemical - Free, Air, & Surface Sanitization System, Portal Entry Gate**

HBLS013 \$22,500.00



## **CLEANSE® | CHEMICAL - FREE, AIR, & SURFACE SANITIZATION SYSTEM, RETROFIT CEILING TROFFER**

- Multi-stage air sanitization features HEPA-Carbon activated filtration with UV sanitization
- HEPA filter captures up to 99.97% of airborne pathogens as small as 0.3  $\mu$  while activated carbon reduces gases, odors and VOC from the air.
- Easily retrofits into any existing 2' x 4' troffer without breaching plenum—keeping facility disruptions and installation costs to a minimum.



**CLEANSE® | Chemical - Free, Air, & Surface  
Sanitization System, Retrofit Ceiling Troffer**  
HBLS015 \$2,000.00

# Part of the COVID-19 Response Guide for Spas & Salons

We're working hard to offer  
products and ideas to keep your  
business running smoothly and safely.



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