



## UVC Technology

### uvClean disinfection lamps - contactless disinfection with UVC technology

The events of recent months (the covid-19 pandemic) have forced us to think and act differently in terms of preventing the spread of infectious diseases.

Preventive disinfection must be fast, efficient, economical and environmentally friendly.

Introducing the uvClean disinfection lamp, which disinfects using UVC technology - without chemicals, wiping or gasification.



**uvClean disinfection lamp Black 9000**  
quickly - efficiently - economically

Where to use uvClean lamp ?

- hospital (all medical practice)
- school, kindergarten
- fitness, sports facilities
- bussines office
- hotel
- restaurant
- bank
- shop
- storage facilites
- army



[www.uvclean.si](http://www.uvclean.si)

With uvClean disinfection, we can disinfect regularly and quickly, without unnecessary chemicals and prolonged closure of the facility.

Prevent the spread of infections.



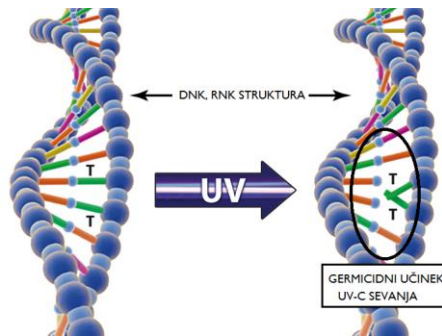
### How It Works ?

UV-C light has been a known disinfection method for more than 100 years, and has been a well-established practice since the mid-20th century. It is mainly used in hospitals, toilets and sterile workplaces. Increasingly, it is also used in the treatment of drinking and waste water, disinfection of air and premises.



UV-C disinfection using ultraviolet (UV-C) shortwave light incapacitates microorganisms by destroying their DNA.

At specific wavelengths, UV light becomes mutagenic to bacteria, viruses, and other microorganisms. Especially at wavelengths around 250 nm to 270 nm, UV light breaks the molecular bonds within the DNA and thus achieves DNA destruction.



The uvClean disinfection lamp is portable and easy to use, as it is used as part of regular cleaning. Disinfection is systemic, as it simultaneously disinfects the entire room, surfaces, floors and air (where UVC radiation is disinfecting) and at the same time releases ozone, which is itself germicidal and additionally disinfects.

### **Advantages and Uses:**

uvClean disinfection lamp has a 95W germicidal lamp which means that the disinfection time is extremely short (50 m<sup>2</sup> approx. 4 min), destruction efficiency of microorganisms (viruses, bacteria, molds, fungi, spores) is 99%!

With regular UVC disinfection, we prevent the spread of infectious diseases and maintain the health stability of employees and customers.

The efficiency of the uvClean lamp has been tested at NLZOH and has a CE certificate - technical inspection at SIQ.

### **Why choose a uvClean disinfection lamp?**

- fast and effective disinfection
- easy to use
- disinfection is performed by yourself without other service company
- portable, two levels
- 9000 hours of operation
- chemicals free