

BioCLEAN™

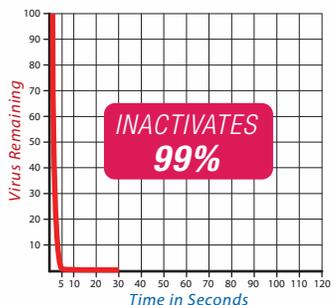
High Output UVGI Air Purification System

COMMERCIAL

PARABOLIC
REFLECTION
INCLUDED



HIGH INTENSITY DISINFECTION FOR COMMERCIAL INDOOR ENVIRONMENTS
ENGINEERED FOR SURFACE AND AIRSTREAM DECONTAMINATION
TELESCOPING MODELS FOR QUICK, CONVENIENT INSTALLATION



Respicaire®

Laboratory tested & shown to inactivate 99%
of the pandemic corona virus.

BIOCLEAN INDOOR AIR TREATMENT

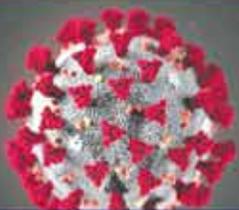
HIGH OUTPUT - HIGH INTENSITY GERMICIDAL UVGI

The Respicaire BioClean Germicidal systems are High Output UVGI purifiers designed for commercial HVAC systems. A BioClean ultraviolet unit can help with indoor air decontamination as well as commercial coil irradiation. These versatile UVGI models are engineered to reduce airborne bacteria, virus, microbials, spores and molds to help minimize the risk of contagion. In today's complex world, viral infection, flu, colds, allergy and respiratory ailments are often associated with poor or compromised indoor air quality. Respicaire BioClean models offer a convenient option for a **HIGH OUTPUT, HIGH INTENSITY, UVGI** indoor air quality solution.



Infectious Droplets Nuclei

The recent pandemic has demonstrated how airborne pathogens and microorganisms can travel in air streams. Laboratory tests with BioClean units have demonstrated 99% inactivation in seconds for the pandemic corona virus known as Sars-Cov2.



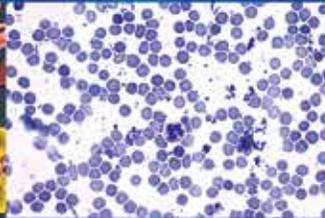
Corona



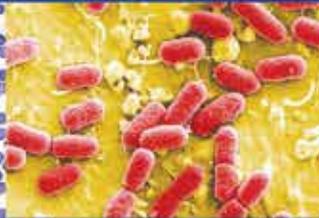
Influenza



MRSA



Streptococcus P



Escherichia coli

In fact, three independent, 3rd party labs tested BioClean technology, and all three labs confirmed the test results. While real world results can vary, we understand how contaminated indoor air can augment illness and contagion, particularly in confined, airtight spaces.

UVC light has been used extensively and for many years to disinfect against a wide variety of airborne & surface pathogens. Bacteria and virus including corona and many of its variants have all demonstrated susceptibility to UVC disinfection and are inactivated with appropriate doses particularly in the germicidal range of the BioClean.

UVGI is well known for its ability to penetrate cell membranes and inactivate microorganisms by destroying their nucleic acids and disrupting their DNA. BioClean UVGI devices create inhospitable environments for microorganisms. They have a potent virucidal efficacy that will help to disinfect & cleanse indoor air environments.

BioClean UVGI models suit all types of commercial installations from, small office spaces, to large indoor air facilities.



BENEFITS

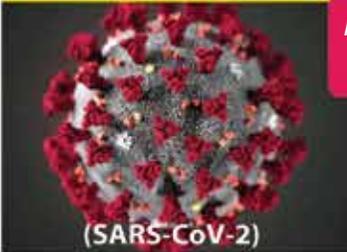
- Designed to retrofit in commercial HVAC systems.
- Helps protect building occupants from the effects of airborne virus, and microbials.
- Works to optimize energy costs through heat transfer & net cooling capacity.
- Helps control coil Biofilm buildup.
- Dual technology to enhance performance.
- UVGI inactivation & disinfection technology.

The Respicaire BioClean models are engineered with High Output UVC germicidal lamps to maximize UVGI intensity. Each BioClean model enhances disinfection performance with our proprietary, Anodised Parabolic Reflectors. This technology combination augments germicidal output strengthening virucidal efficacy to help inactivate airborne infectious microbials. Respicaire BioClean purifiers offer one of the most potent indoor air quality upgrades for the control of airborne pathogens, infectious agents, germs, microbials & microorganisms in commercial applications.

Independently Tested for Performance

Respicaire ultraviolet air treatment systems have been independently tested by 3rd party industry recognized labs. Test results are excellent with 99% inactivation in seconds on some of the most challenging airborne organisms including the pandemic Corona virus known as SARS-CoV-2, MRSA, H1N1, Adenovirus, Influenza, E Coli, S. Aureus, E. Faecalis, S. Pneumoniae, and more.

Corona Virus Reduction



(SARS-CoV-2)

**INACTIVATES
99%**

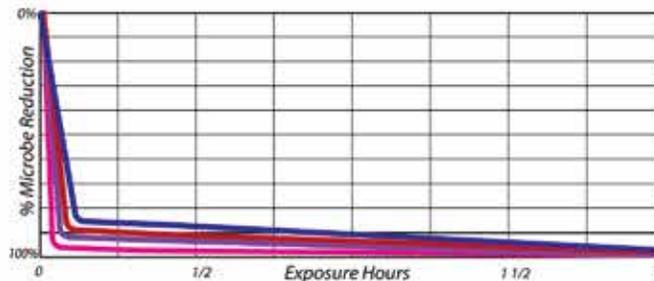
Influenza Reduction



(H1N1 Flu)

**INACTIVATES
98%**

INDEPENDENTLY TESTED FOR VIRUCIDAL EFFICACY



Independent tests performed by MRI, MC, & NEID labs

S Aureus Reduction



**INACTIVATES
99%**

MRSA Reduction



**INACTIVATES
99%**



BIOCLEAN 63



BIOCLEAN 23



BIOCLEAN DRF



BIOCLEAN 38



BIOCLEAN 19



BIOCLEAN SRF

ENGINEERED FOR COMMERCIAL APPLICATIONS HIGH OUTPUT - HIGH INTENSITY

All BioClean Air Treatment Systems are engineered to fit various Commercial Applications. Several models allow for a fast configurations in commercial HVAC equipment. One of our Dealers will help you select the right solutions for your offices, building, business or facility. Annual lamp replacement is recommended to ensure the optimal performance of the system.