



Special Event HVAC Safety

YOUR GUIDE TO SAFE AND
COMFORTABLE EVENTS IN
TENTS AND BARNES

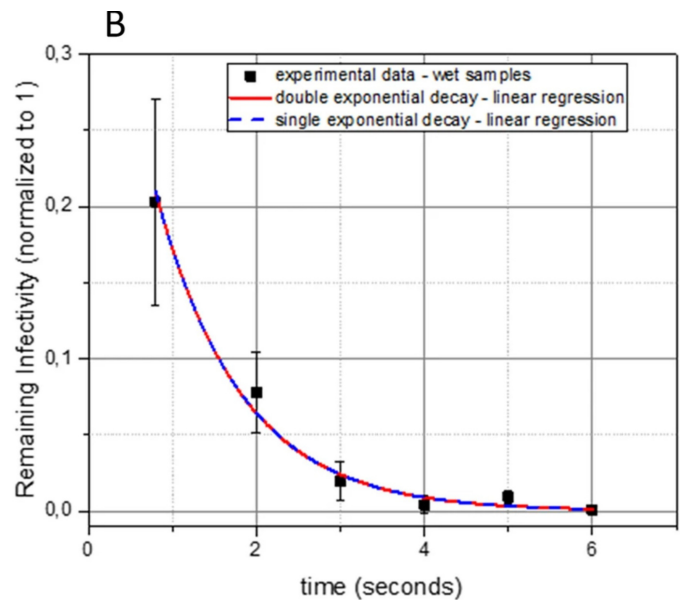
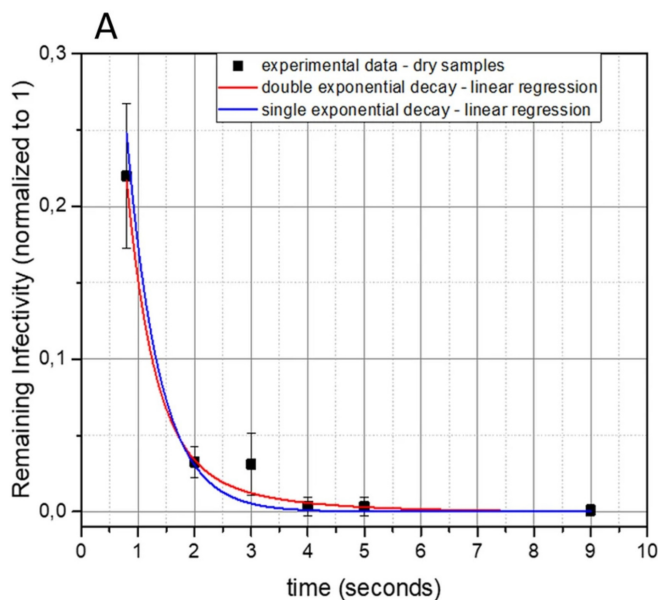


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TAYLOR RAY PHOTOGRAPHY

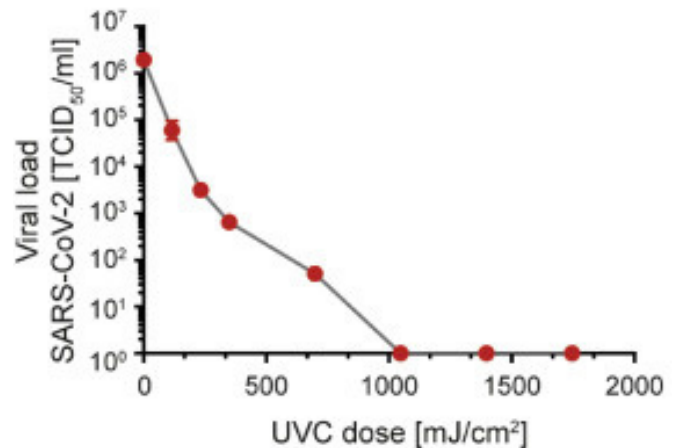


We understand in this current COVID climate people are looking for ways to be smart and minimize the feeling of helplessness while doing everything possible to create a safe and memorable event for their guests. Taking control of the air we are breathing can be one of the most empowering things we can do right now.



ABOVE: Reduction in infectivity of SARS-CoV-2 after exposure to UV-C irradiation. The virus was exposed to UV-C as dried droplets (A) or wet droplets (B). Each set of data (dry samples and wet samples) shows a decrease of the remaining infectivity as a function of time, normalized to 1. Blue lines indicate single exponential decay functions while red lines indicate double exponential decay functions.

RIGHT: A study demonstrated that SARS-CoV-2, even at high viral titers, could be inactivated rapidly by UVC irradiation, revealing that this method is reliable not only for disinfection purposes in health care facilities but also for preparing inactivated SARS-CoV-2 material for research.



Research Shows:

Germicidal UVC can effectively inactivate airborne microbes

We have been following the science and digging into the research to determine how to enhance our equipment and offer our clients not just a more comfortable but ultimately a safer environment for their guests. Research already shows that germicidal UVC can effectively inactivate airborne microbes that transmit measles, tuberculosis and SARS-CoV-1, a close relative to the novel coronavirus. Knowing that COVID-19 may be easily transmitted through microscopic floating particles known as aerosols, many researchers and physicians are hopeful the UVC technology, properly applied, can help disinfect the air.

We added optional UVC germicidal lights inside our event HVAC units.

Working with seasoned event professionals is the best way to ensure all the recommended safety precautions are followed - social distancing, masks worn by vendors and guests, frequent hand washing and sanitization stations, etc.

No one wants their guests to be uncomfortable or feel unsafe. Having air conditioners with UVC germicidal lights will keep the tented spaces and barns comfortable.

Circulating the air through the units equipped with the UVC germicidal lights will help keep the air cleaner and safer.

There's a lot of info out there and we have been working hard to apply the research and help our clients as best we can. Here is a link to information shared by the Centers for Disease Control and Prevention specifically for [event planners and attendees](#) and [general guidelines for social gatherings](#). They recommend outdoor spaces over indoor and advise on well-ventilated spaces.

The WHO has also published information regarding [air conditioning and ventilation](#) and [COVID-19](#).

Here's some of the work we have been doing in support of COVID response efforts for hospitals, factories and organizations:



Sources and Additional Reading:

[Rapid and complete inactivation of SARS-CoV-2 by ultraviolet-C irradiation](#)

[Susceptibility of SARS-CoV-2 to UV irradiation](#)

[UV-C irradiation is highly effective in inactivating SARS-CoV-2 replication](#)