

STERILE-BRIGHT™

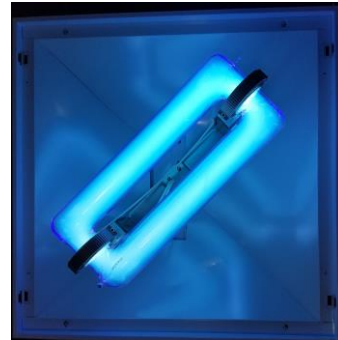
Ultraviolet Sterilization

Conquering COVID-19 and more

ULTRA-TECH™ LIGHTING

What is STERILE-BRIGHT™?

- STERILE-BRIGHT™ is a full-range UV/Ozone generator, capable of neutralizing bacteria, viruses, fungi, and spores
- Ionizing UV-C below 200nm to 454nm at 250W to 400W



Summary of benefits

- Rapid microbe destruction from UV exposure
- Comprehensive microbe destruction from high ozone concentration
- Sterilizes surfaces
- Sterilizes air and air-handling systems
- Flexible form factor, from permanent to portable
- Extremely energy efficient
- Exceptional lifecycle exceeding 100,000 hours
- Highly cost-effective
- Easy to use: No technical skills required

UV sterilization is not new

- UV sterilization has been used since the mid 1800s
- Proven to kill all forms of pathogens
- Large body of third-party verification research
- Safer than chemical treatments - total dissipation
- Dual-action UV *plus* ozone has added efficacy

The advantages of induction lighting

- Higher power output than conventional fluorescent UV bulbs
- Longer lifecycle than fluorescent, mercury vapor, or LED
- Greater range than fluorescent, mercury vapor, or LED
- More effective than other UV sources
- High ozone generating capability
- More controllable than other technologies

UltraTech™ Induction Lighting

- Proprietary design
- Proprietary spectral tuning using Lumentec® technology
- Field serviceable

Case 1: Portable

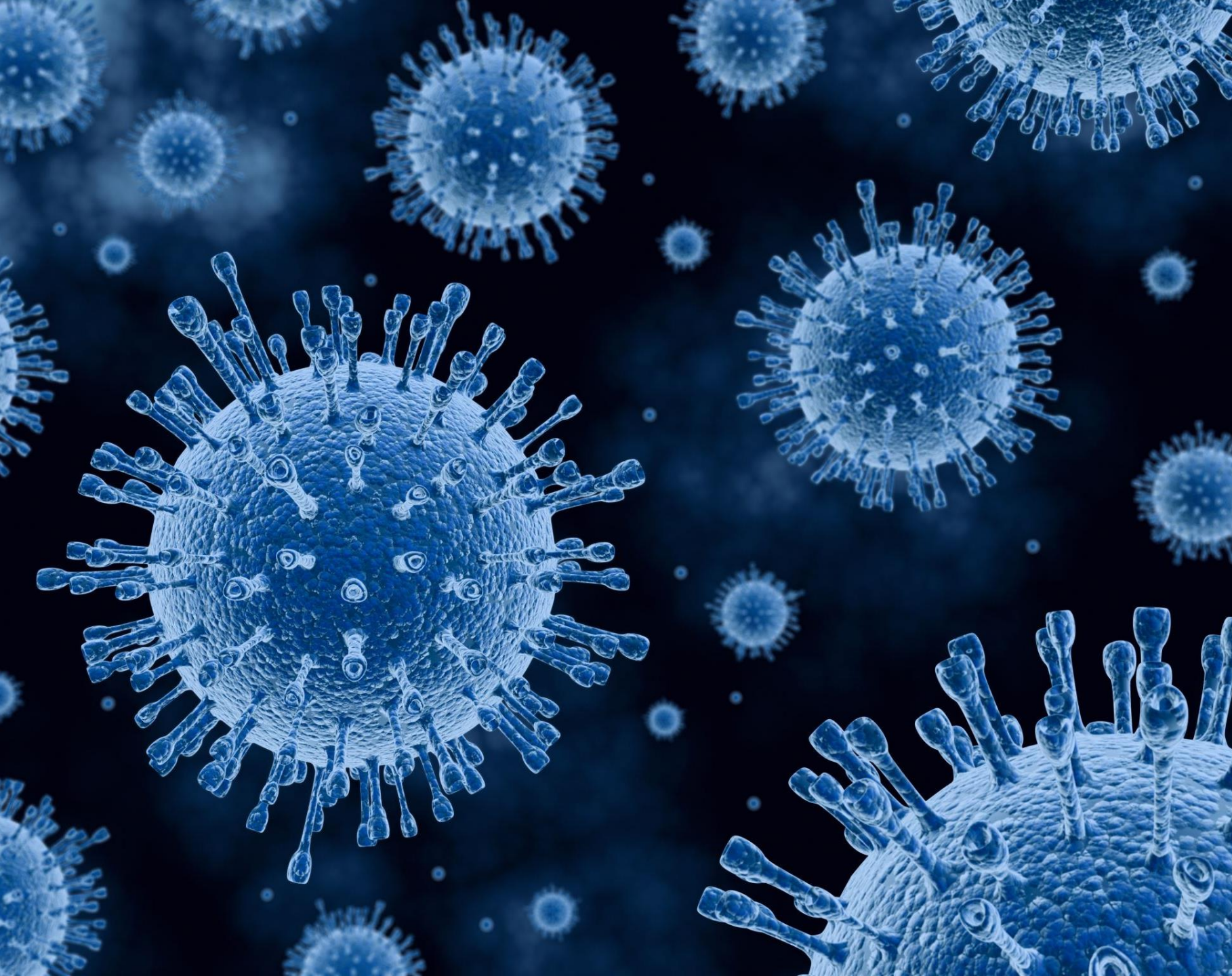
- Unit is placed in intended space to be sanitized and door is closed
- Unit and timer are activated from key fob
- Unit operates for appropriate time in 'UV only' mode or 'UV and blower mode'
- After appropriate exposure and/or ozone generating, the UV is turned off and blower continues to circulate ozone until properly dissipated
- Space is disinfected

Case 2: Static (In-ceiling)

- 2' x 2' Sterile-Bright™ ceiling fixture (troffer) is installed
- UV unit is timer activated
- Negative pressure rooms continue with ventilation
- Room must be vacant during treatment
- Ozone sensor on wall can deactivate unit at appropriate O₃ level regardless of timer
- Room is sanitized

Case 3: Walk-through

- Non-operators must leave area
- Operator wearing ozone neutralizing mask with protective eyewear and clothing walks unit through the intended area
- Pace of walk-through is correlated with space and surfaces
- Ozone is more locally distributed from blower unit along with UV radiation
- After walk-through, space is sanitized



FOR MORE INFORMATION,

CONTACT:

Philip Gotthelf

Office: (201) 784-1233 x 100

Mobile: (201) 401-6068

ULTRA-TECH™ LIGHTING