

- **greenfan® bipolar ionizer** has an automatically resettable fuse and is unaffected by magnetic fields, provides consistent ion concentrations over 20 to 30VAC, and works with 120 to 240VAC with accessory transformer Model 1601-01
  - **greenfan® bipolar ionizer** is Intertek® Verified Zero Ozone to meet UL 2998, certified to CSA C22.2 #187, conforms to UL 867, and **CARB certified**
  - **greenfan® bipolar ionizer** connects to fan G and heat W terminals and is installed on fan inlet of central HVAC systems to deactivate or remove airborne pathogens
- greenfan® bipolar ionizer** is made in the USA and is covered by a 5-year warranty when installed, operated, and maintained per manufacturer's instructions

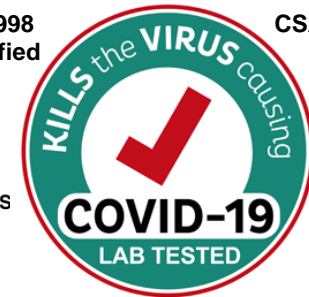
INNOVATIVE BIOANALYSIS conducted laboratory tests in a sealed 1,280 ft<sup>3</sup> chamber per BSL-3 standards. A 4.03 x 10<sup>6</sup> TCID50/mL (Median Tissue Culture Infectious Dose per milli-Liter) of the SARS-CoV-2 virus was nebulized into the chamber. Air samples were collected at 15, 30, and 60 minutes with a fan circulating air in the chamber at a normalized airflow rate of 1 cubic foot per minute (cfm) per square foot of floor area. After 60 minutes of exposure, the greenfan® bipolar ionizer reduced the SARS-CoV-2 virus concentration to 0.0985 x 10<sup>6</sup> TCID50/mL or 97.6% compared to initial concentration or 94.1% compared to the control.

# greenfan®

## bipolar ionizer deactivates the SARS-CoV-2 virus causing COVID-19

Intertek® Verified  
Zero Ozone  
Meets UL 2998  
CARB Certified

Conforms to UL 867  
Certified to  
CSA C22.2 #187



**Made in USA US Pat. 11173226**

[www.greenfan.co/bbi](http://www.greenfan.co/bbi)

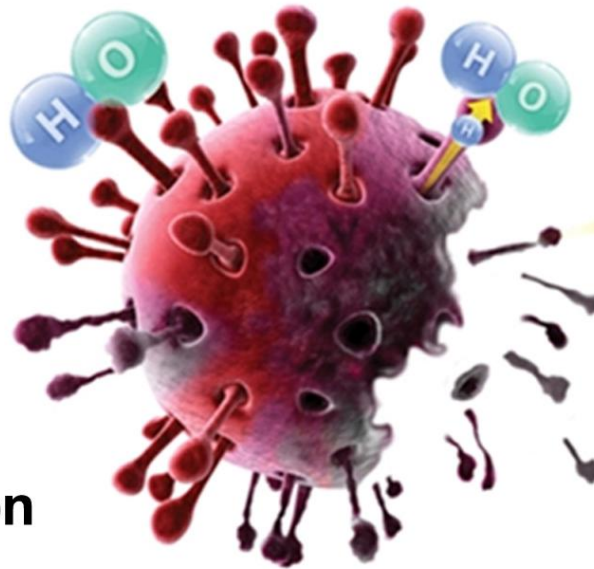


© 2022 greenfan® inc.

# **greenfan® bipolar ionizer deactivates the SARS-CoV-2 virus that causes COVID-19 based on BSL-3 laboratory tests performed by Innovative Bioanalysis**

**greenfan® bipolar ionizer  
creates positive and negative  
ions which attach to and  
deactivate airborne pathogens**

**bipolar ions also cause  
airborne pathogens and  
particles to agglomerate  
into larger clusters which  
are removed by air filtration**



**ions return to  
air as invisible  
water vapor**