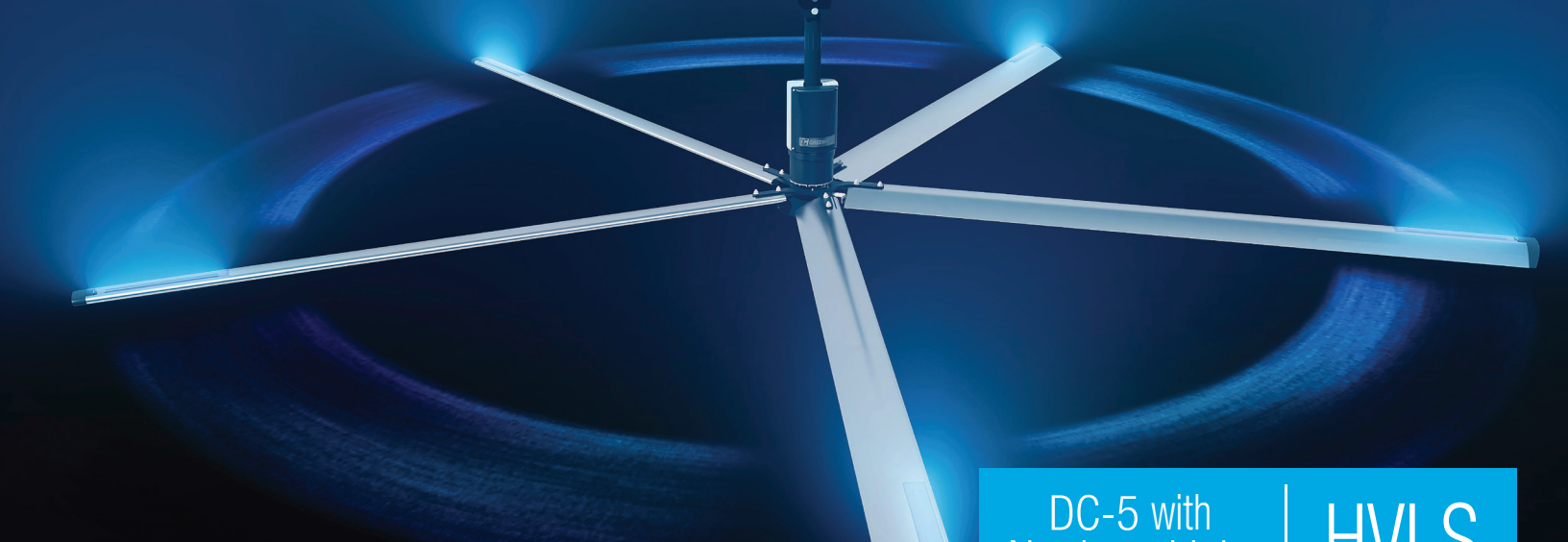




DC-5 with  
Northern Light | HVLS

## Powerful Disinfection, **Verified by Scientific Testing**

GREENHECK DC-5 WITH NORTHERN LIGHT® TECHNOLOGY IS PROVEN TO **INACTIVATE 95%** OF MS2 VIRUS\* IN A **REAL-WORLD APPLICATION**.

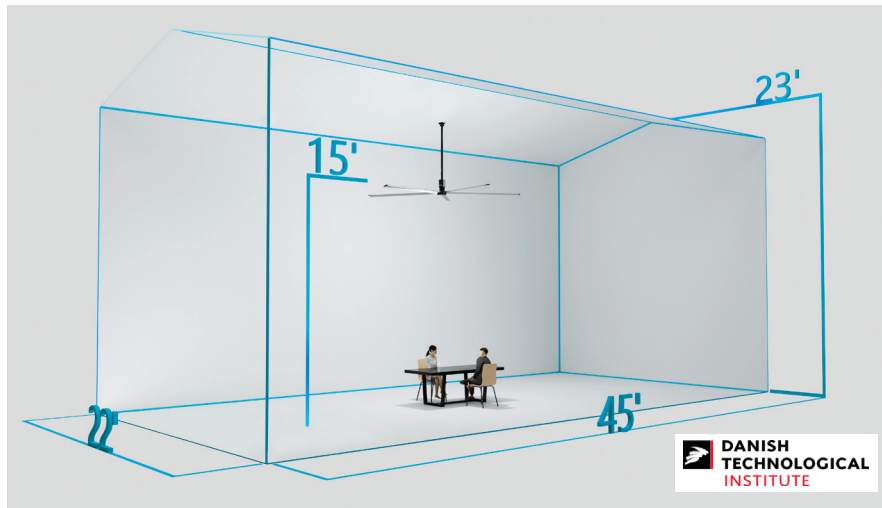
### TESTING OUTSIDE THE BOX

Unlike competitor air cleaning products that are tested in small laboratory settings, DC-5 overhead fans with Northern Light technology have been tested in conditions that simulate real-world applications.

Using a space representative of a classroom or automotive garage, independent researchers from the Danish Technological Institute performed full-scale testing of the Northern Light system.

A single 10 ft. diameter fan was operated in a large room (dimensions shown to the right) with a high concentration of aerosolized MS2 virus.

Results demonstrated that UV-C technology combined with HVLS overhead fans moving air downward is effective in mitigating virus spread - even when individuals are sitting across a table, just 3 feet apart.



***This is the largest controlled experiment conducted to analyze the inactivation of airborne viruses utilizing UV-C light.***

*– Danish Technological Institute*

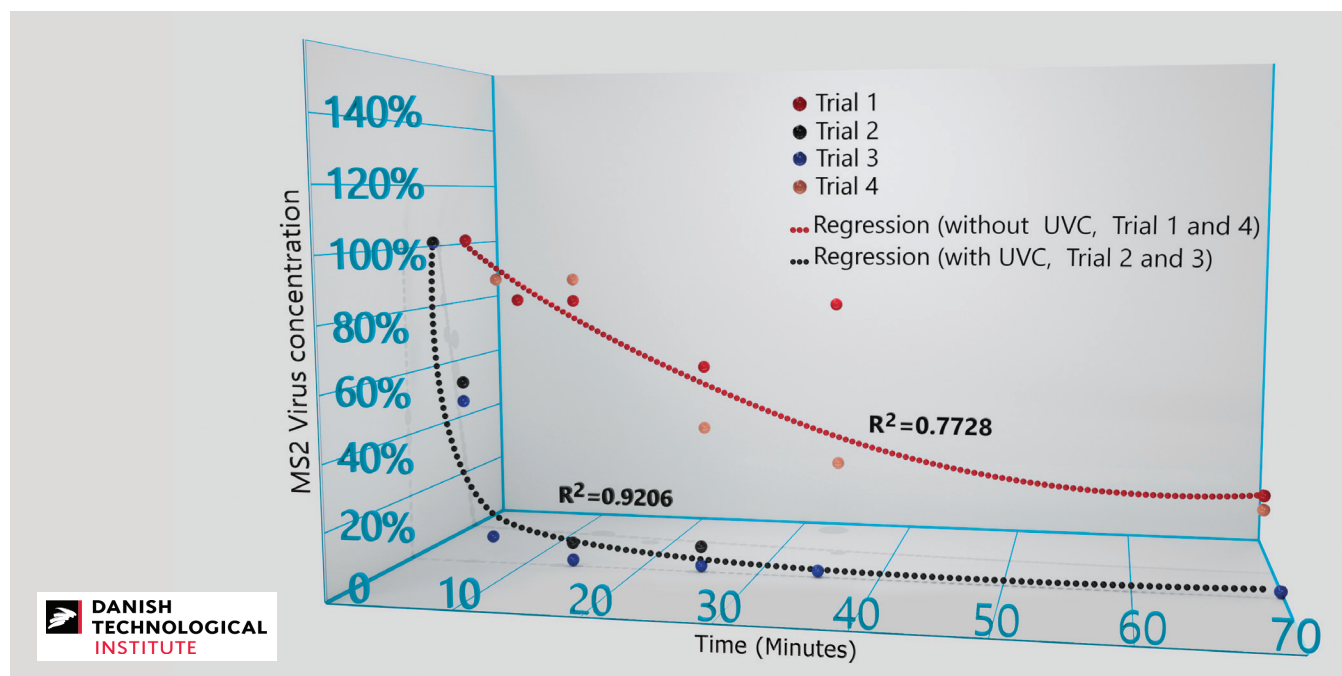
\* MS2 virus contains an ssRNA (Single Stranded Ribonucleic Acid) genome similar to SARS-CoV-2 (coronavirus).



## EFFECTIVE AIR DISTRIBUTION AND DISINFECTION OVER TIME

In the largest controlled experiment studying inactivation of airborne viruses using UV-C light, the Northern Light system demonstrated effective air movement and disinfection.

Results show greater than 91% inactivation of the MS2 virus after 10 minutes of exposure to the UV-C light and air movement provided by the fan, and 95% inactivation after 15 minutes\*\*.



\*\* Results will vary based on room size and number of HVLS fans present



*This is the most efficient system for disinfection and distribution of large air volumes while occupants are present in the room.*

*– Danish Technological Institute*

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Building Value in Air.