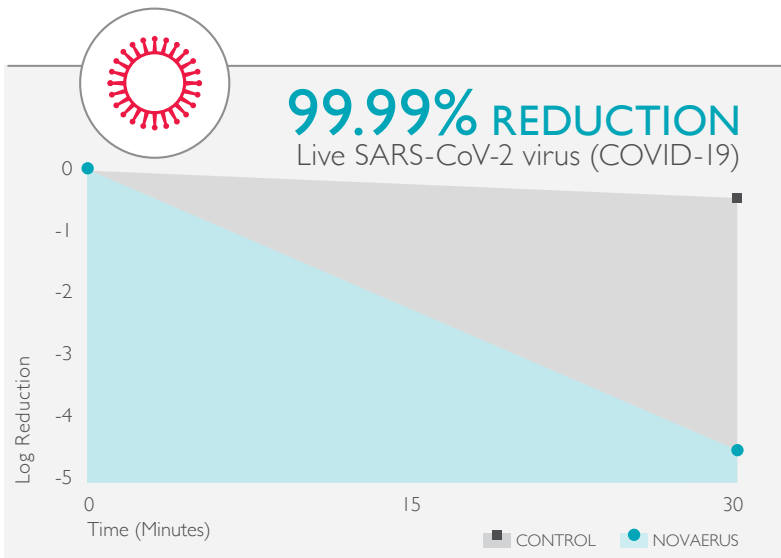
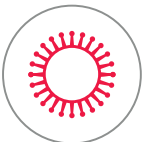


# Inactivate Pathogens. Trap Particulate. Control Infection.

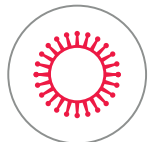
The Novaerus Defend 1050 combines NanoStrike™ technology for rapid air dis-infection with a Camfil® triple-stage filter system for superior air purification. Effective, safe, portable, and easy to use.



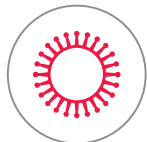
The Future of  
**Infection Control**  
is Here



**99.999% REDUCTION**  
MS2 Bacteriophage Virus\*  
in 30 minutes



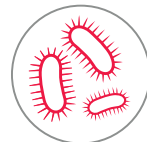
**99.9% REDUCTION**  
Influenza  
in 10-20 minutes



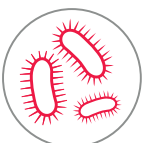
**99.87% REDUCTION**  
Measles  
in 20-30 minutes



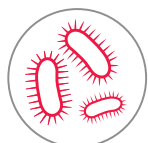
**99.99% REDUCTION**  
*Aspergillus niger*  
in 30 minutes



**99.9% REDUCTION**  
*Clostridium difficile*  
in 40 minutes



**97% REDUCTION**  
Tuberculosis  
in 30 minutes



**99.94% REDUCTION**  
*Staphylococcus epidermidis*  
in 15 minutes



**99.49% REDUCTION**  
Nitrogen dioxide (NO<sub>2</sub>)  
in 7.2 minutes



**99.68% REDUCTION**  
Formaldehyde  
in 1.1 minutes



**99% REDUCTION**  
PM<sub>2.5</sub>  
in 6.26 minutes

\*a surrogate for SARS-CoV-2, Influenza and Norovirus

## The Defend I050 provides rapid remediation for large spaces and situations where infection risk is high.



**OPERATING THEATRES**  
Reduce surgical site infection and odour



**GENERAL WARDS**  
Reduce infection, outbreaks and odour



**INTENSIVE CARE UNITS**  
Reduce risk of cross-contamination



**IN VITRO FERTILIZATION LABS**  
Improve embryonic development



**CHILDCARE AND SCHOOLS**  
Reduce illness and absenteeism



**EMERGENCY ROOMS**  
Reduce infection, odour, irritation and allergies



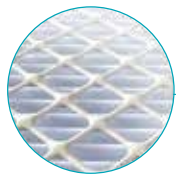
**DENTAL OFFICES**  
Reduce infection, odour and risk of cross-contamination



**SENIOR LIVING**  
Reduce infection, outbreaks, and odour

### How the Defend I050 Works

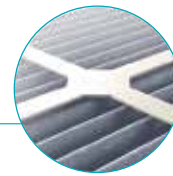
**HEPA H13 FILTER**  
A Camfil® HEPA H13 filter traps bacterial debris and particles as fine as 0.12µm.



**M5 PRE-FILTER**  
Powerful multi-speed fan pulls indoor air through a Camfil® pre-filter, capturing large particles, protecting the internal NanoStrike™ coils and extending the life of the HEPA filter.



**G4 CARBON FILTER**  
A Camfil® G4 carbon/molecular filter neutralizes VOCs, odours, and impurities.



**NANOSTRIKE™ COILS**  
Six NanoStrike™ coils provide a powerful strike, made up of multiple concurrent inactivation processes, that work to burst airborne pathogen cells, rapidly inactivating them, ensuring they are no longer a threat of infection.

