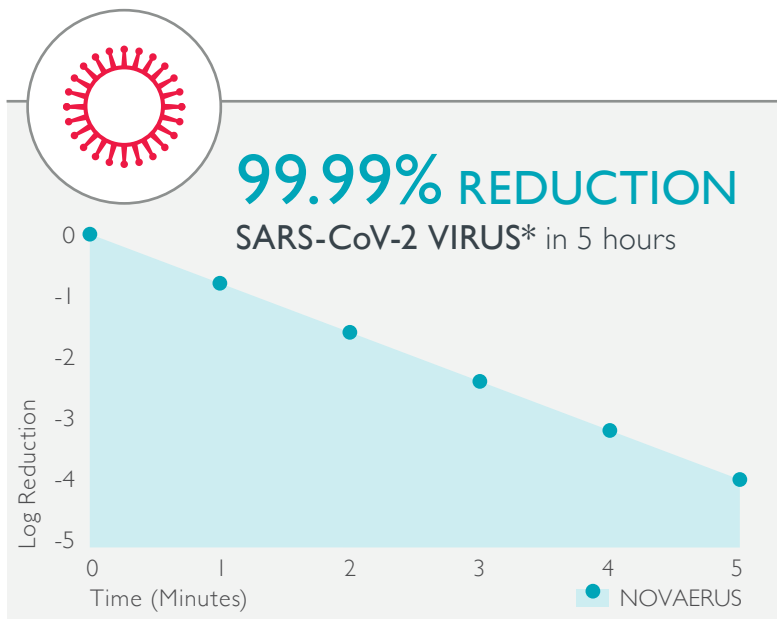


The Protect 800

Powered by
NanoStrike®
technology

Designed for continuous air dis-infection and odour control in medium indoor spaces, the Novaerus Protect 800 uses NanoStrike® technology with a 2-speed fan. The device can be wall-mounted or placed on a stand and plugs into any outlet.



* tested on MS2 Bacteriophage, a surrogate for SARS-CoV-2

Laboratory Name: Aerosol Research and Engineering Laboratories

Laboratory Location: Olathe, KS

Date: July 12, 2016

Device Tested: NV800

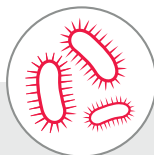
Space Treated: 16 m³

Summary of Results:

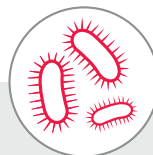
The NV800 reduced 99.99% of MS2 bacteriophage, a surrogate for influenza, norovirus and SARS-CoV-2 (COVID-19) over the course of five hours.



99.99% REDUCTION
Methicillin Resistant
Staphylococcus Aureus
(MRSA) in 4 hours



95% REDUCTION
Staphylococcus epidermidis
in 30 minutes



86.63% REDUCTION
Bacillus subtilis endospore
in 6 hours



99.10% REDUCTION
Aspergillus niger mould
in 4 hours



85% REDUCTION
Formaldehyde
in 14 hours

Applications

- Patient Rooms
- Operating Theatres
- Nurses Station
- Examination Room
- Classroom
- Common Areas
- Dental Offices



Patient Rooms



ICU Treatment Room



Oncology Room

Protect 800 Specifications

Wall mountable, countertop with table stand or mounted on portable high tower stand, supplied with 2 m power cord

ELECTRICAL RATING

Single Phase, 220-240 VAC, 50-60 Hz

Fuse Rated at 250 VAC, 3 Amps, Listed

POWER CONSUMPTION

Maximum 14W

CONSTRUCTION + COLOR

Precision-cut fabricated metal casing in a white anti-bacterial powder coat finish

DIMENSIONS + WEIGHT

36.6 cm (h) × 36.5 cm (w) × 11.4 cm (d)
4.7kg

ELECTRICAL CONNECTION

Switched and fused with a grounded, moulded power cord

FAN AIR FLOW VOLUME

Speed I = 220 m³/hr
Speed II = 260 m³/hr

NOISE LEVEL

Speed I = 40 dB
Speed II = 45 dB

OPERATING CONDITIONS

10-35°C, 10-75% Relative Humidity

SHIPPING / STORAGE CONDITIONS

5°C-50°C, Maximum 95% Relative Humidity

QUALITY + SAFETY

Manufactured under ISO 9001, ISO 14001 & OHSAS 18001.

Conforms to the Medical Device Directive (MDD) 93/42/EEU

IEC 60601-1, Third Edition

IEC 60601-1-2, Fourth Edition

CE Mark

How the Protect 800 Works



1. Contaminated indoor air is pulled into the unit by an internal dual-speed fan.

2. Two NanoStrike plasma coils provides a deadly strike, made up of multiple concurrent inactivation processes, that work to rapidly destroy airborne pathogens.

3. Healthy, contaminant-free air is returned to the room.