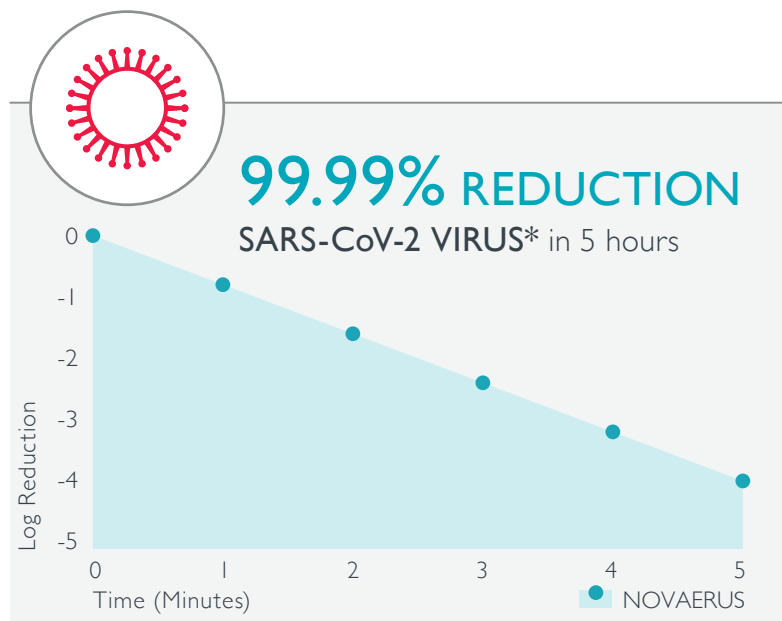


The Protect 800

Designed for continuous air dis-infection and odour control in medium indoor spaces, the Novaerus Protect 800 uses patented filter-free ultra-low energy plasma technology with a 2-speed fan. The unit 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

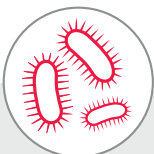
Date: July 12, 2016

Device Tested: NV800

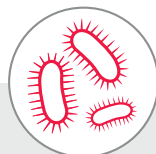
Space Treated: 16 m³

Summary of Results:

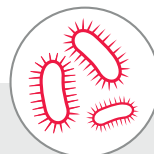
The NV800 reduced 99.99% of MS2 bacteriophage, a surrogate for influenza, norovirus and SARS-CoV-2 (COVID-19) over the course of five hours.



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

Model NV800 Specs

Stand or Wall mounted supplied with 2m power cord

ELECTRICAL RATING

230 VAC, 50 Hz, 20 W
Fuse Rated at 250 VAC, 3 Amps, Listed

POWER CONSUMPTION

Maximum 20 Watts

CONSTRUCTION + COLOR

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

DIMENSIONS + WEIGHT

33.6 cm(w) × 33.6 cm(h) × 10.4 cm(d)
4.8kg

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
2000m

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

PRODUCT CERTIFICATIONS

CE marked

How the Protect 800 Works



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

2. Contaminants are rapidly and safely destroyed at the DNA level by an ultra-low energy patented plasma field emitted by two internal plasma coils.

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