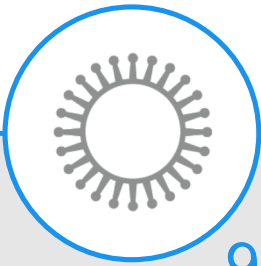


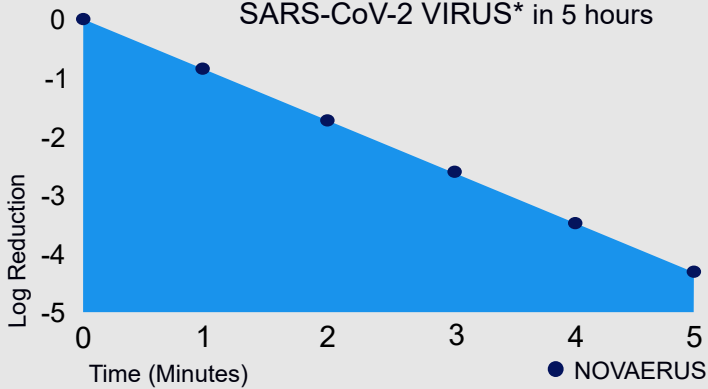
# The Protect 800/900

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.



**99.99% REDUCTION**

SARS-CoV-2 VIRUS\* in 5 hours



**Laboratory Name:** Aerosol Research and Engineering Laboratories

**Laboratory Location:** Olathe, KS

**Date:** July 12, 2016

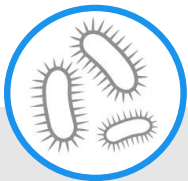
**Device Tested:** NV800

**Space Treated:** 16 m3

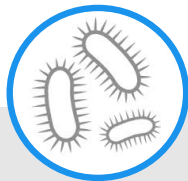
**Summary of Results:**

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.

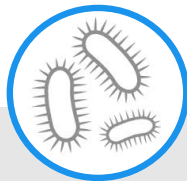
\* tested on MS2 Bacteriophage, a surrogate for SARS-CoV-2



**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

# The Protect 800/900

## 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.