

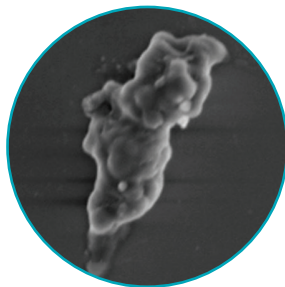
# The Protect 200

Powered by  
**NanoStrike**<sup>®</sup>  
technology

Designed for continuous air dis-infection and odour control in small indoor spaces, the Novaerus Protect 200 uses NanoStrike<sup>®</sup> technology with a single-speed fan. The unit can be wall-mounted or placed on any surface and plugs into any outlet.



Healthy bacteria



Bacteria after  
NanoStrike treatment

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Laboratory Name: NASA Ames Research Center  
Laboratory Location: Moffett Field, Mountain View, CA  
Date: February 2016  
Device Tested: NV200  
Space Treated: .51 m<sup>3</sup>

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“ The bacteria underwent physical distortion to varying degrees, resulting in deformation of the bacterial structure. The electromagnetic field around the [NanoStrike] DBD coil caused severe damage to the cell structure, possibly resulting in leakage of vital cellular materials. The bacterial reculture experiments confirm inactivation of airborne *E. coli* upon treating with [NanoStrike] DBD.

## Applications

- Reception Desk
- Bathrooms
- Supply Rooms
- Offices
- Patient Bedside
- School Buses



Reception Desk



Office



Patient Room

## Protect 200 Specifications

Wall mountable or countertop unit 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 19W

### CONSTRUCTION + COLOR

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

### DIMENSIONS + WEIGHT

28.3 cm (h) × 13.2 cm (w) × 10.8 cm (d)  
3.4kg

### ELECTRICAL CONNECTION

Switched and fused with a grounded, moulded power cord

### FAN AIR FLOW VOLUME

80 m<sup>3</sup>/hr

### NOISE LEVEL

35 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  
IEC 61010  
IEC 60601-1-2, Fourth Edition  
CE Mark

## How the Protect 200 Works



**1.** Contaminated indoor air is pulled into the unit by an internal fan.

**2.** A NanoStrike plasma coil 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.