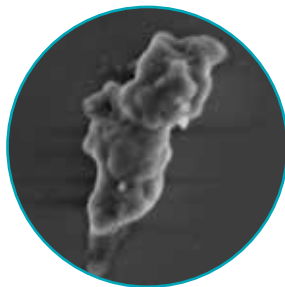


# The Protect 200

Designed for continuous air dis-infection and odour control in small indoor spaces, the Novaerus Protect 200 (NV200) uses patented filter-free ultra-low energy plasma 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  
DBD 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:** 18 ft<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 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 DBD.

## Applications

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



Reception Desk



Ambulance



Patient Room

## Model NV200 Specs

Wall mountable, countertop, or stand-alone  
Supplied with 2m power cord

### ELECTRICAL RATING

230 VAC, 50 Hz Single Phase, 20 W  
Fuse rated at 250 VAC, 3 Amps, Listed

Precision-cut fabricated metal

### CONSTRUCTION + COLOR

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

### DIMENSIONS + WEIGHT

28.3 (h) × 13.1 (w) × 11.6 (d) cm  
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, 2000m

### SHIPPING / STORAGE CONDITIONS

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

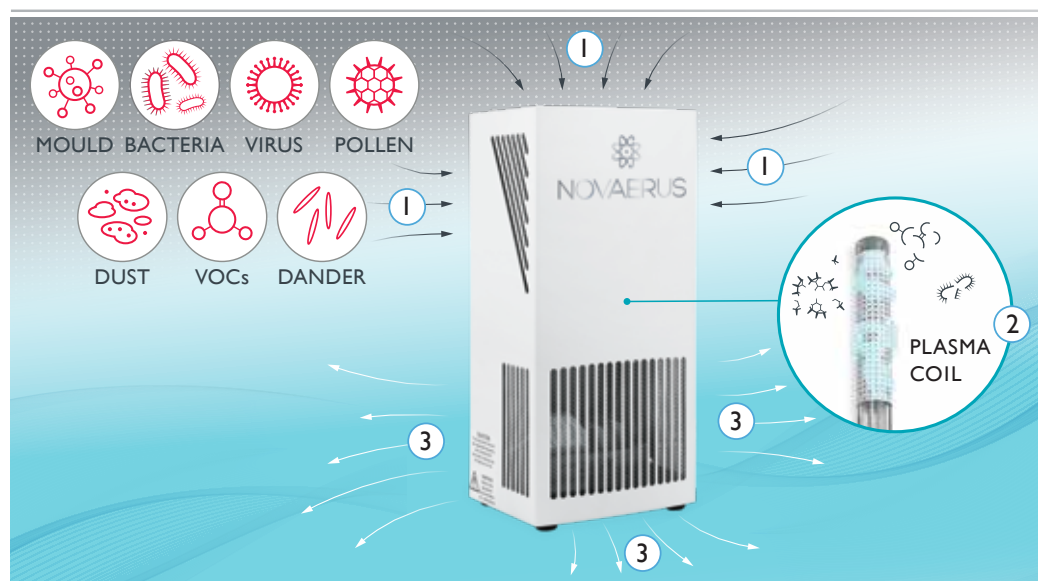
### QUALITY + SAFETY

Manufactured under ISO 9001, ISO 14001 & OHSAS 18001.

### PRODUCT CERTIFICATIONS

CE marked

## How the Protect 200 Works



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

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

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