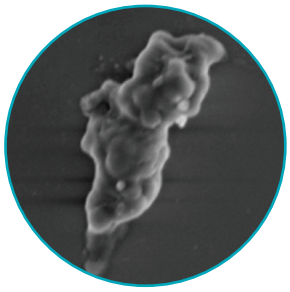
NOVAERUS

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

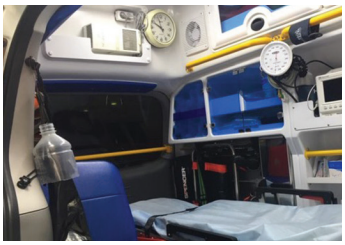
Laboratory Name: NASA Ames Research Center
Laboratory Location: Moffett Field, Mountain View, CA
Date: February 2016
Device Tested: NV200
Space Treated: 18 ft^3

"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^3/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

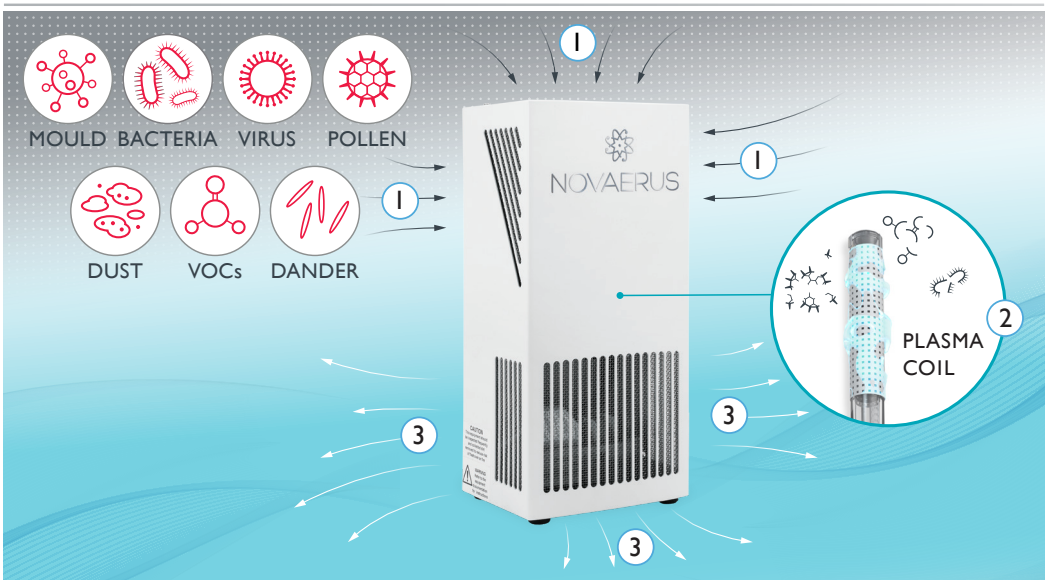
QUALITY + SAFETY

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.

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UL 867 & UL1995 Intertek-Certified
Classified as plenum rated per UL 2043

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