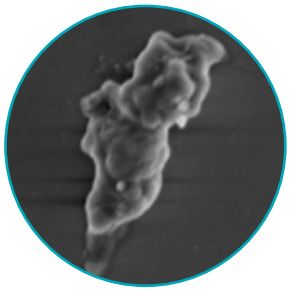
NOVAERUS

The Protect 200

Powered by NanoStrike® technology

Designed for continuous air dis-infection and odour control in small indoor spaces, the Novaerus Protect 200 uses NanoStrike® 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

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

"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^3/hr

NOISE LEVEL

35 dB

OPERATING CONDITIONS

10-35°C, 10-75% Relative Humidity,

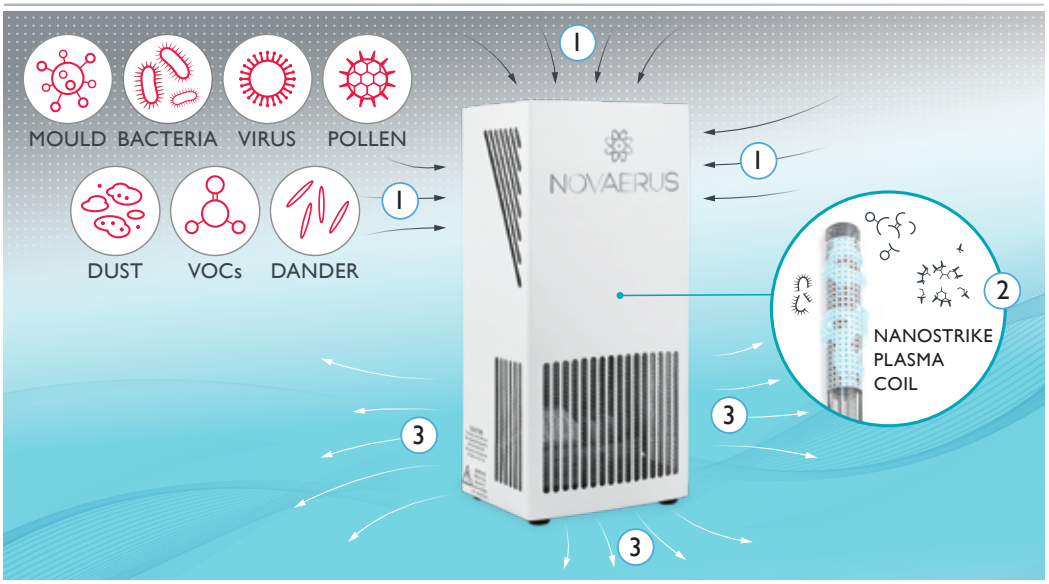
SHIPPING / STORAGE CONDITIONS

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.

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