axishealth

NOVAERUS

The first line of protection against airborne viruses and bacteria

NOVAERUS

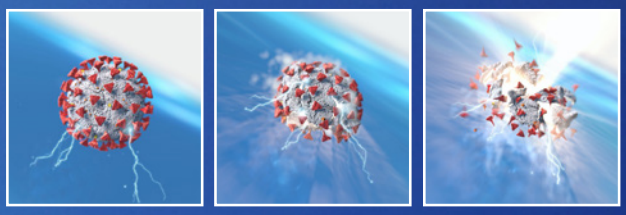
MEDICAL-GRADE AIR PROTECTION

Dangerous germs are killed, not captured.

Bursts the Pathogen Cell

Unique to NanoStrike is it's ability to burst a pathogen cell; other technologies simply inactivate them. NanoStrike concurrently attacks the cell membrane, DNA and protein, causing osmotic pressure which can quickly burst a cell.

Once the cell bursts, there is no way for it to self-heal, ensuring it does not become viable as an infectious agent once again.



NanoStrike attacks the pathogen, perforating cell walls

DNA and protein within the cell are destroyed

Cell bursts due to osmotic pressure

Applications

Designed for continuous air treatment, disinfection and odour control in small indoor spaces, the Novaerus NV200 and NV800 uses patented, filter-free, ultra-low energy plasma technology to avoid the bio-hazards created by filter based units.

It is quiet and ideal for use in low-noise environments. Bedrooms, studies, dormitories, treatment rooms and nurseries can all benefit from Novaerus clean air.

Novaerus dielectric plasma discharge technology is safe for continuous use around infants, the elderly and those vulnerable to airborne contaminants.

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Dielectric plasma does not use hazardous chemicals and does not require filters.

Independently Tested and Proven

NanoStrike has been independently tested and proven effective at inactivating the smallest of airborne viruses, bacteria, mould spores and pollen in dozens of independent laboratory tests.

VIRUSES	SARS-CoV-2 Influenza A Phi X 174 Norovirus[1] Measles[2]
BACTERIA	MRSA *Bacillus subtilis* *Staphylococcus epidermidis* Tuberculosis[3] *Escherichia coli* *C. difficile* *Bacillus Globigii endospores*
MOULD SPORES	*Aspergillus niger*

Reducing live SARS-CoV-2 virus* by

99.99%

the virus causing COVID-19

1. Tested on MS2 Bacteriophage, a surrogate for Norovirus.
2. Tested on Human parainfluenza type 3 (HPIV3), a surrogate for Measles.
3. Tested on Mycobacterium smegmatis, a surrogate for Mycobacterium tuberculosis.

* Utilising NanoStrike Technology, Novaerus portable devices can help to remove airborne viruses like SARS-CoV-2 which travel in tiny aggregated droplets that can linger for hours before they settle on surfaces.

NV200

Safe and effective protection for home, work place, patient waiting and consulting rooms, aged care and child care facilities.

Designed for continuous air disinfection and odour control in small indoor spaces, the Novaerus NV200 uses patented filter-free ultra-low energy plasma technology with a single speed fan.

Pathogens, odours, volatile organic compounds and particulates are destroyed or rendered harmless as they pass through the dielectric plasma field.

Model	NV200 Wall mountable, countertop, or stand-alone. Supplied with 2M power chord
Dimensions	28.3(H) x 13.2(W) x 10.8(D) cm
Weight	3.4kg

NANOSTRIKE TECHNOLOGY

SMALL ROOMS

NV800

Assists with safely reducing VOCs and particles that affect serious respiratory problems.

Designed for continuous air disinfection and odour control in small indoor spaces, the Novaerus NV800 uses patented filter-free ultra-low energy plasma technology with a two speed fan.

Pathogens, odours, volatile organic compounds and particulates are destroyed or rendered harmless as they pass through the dielectric plasma field.

Model	NV800 Wall mountable, desk or countertop via stand (supplied separately). Supplied with 2M power chord
Dimensions	36.5(H) x 36.5(W) x 11.5(D) cm
Weight	4.5kg

NANOSTRIKE TECHNOLOGY

MEDIUM ROOMS

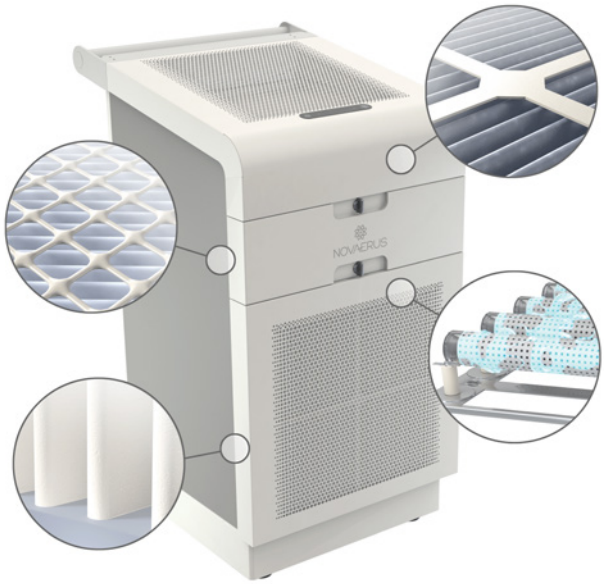
FAN SPEED CONTROL

NV1050

A combined solution for air disinfection and particle removal.

Designed for rapid remediation in large spaces and situations with high risk of infection, the NV1050 uses patented ultra-low energy plasma technology combined with a triple-stage Camfil® filter system to provide a combined solution for air disinfection and particle removal.

Model	NNV1050 2-wheeled base with handle and electronic 5 speed fan
Dimensions	100.1(H) x 50.5(W) x 46.5(D) cm
Weight	51kg
Filters	Stage 1: G4 30/30 filter Camfil® Part No. 715 00 0203 400(H) x 400(W) x 50(D)mm Stage 2: HEPA H13 filter, MGA Type Camfil® Part No. 715 00 0163 400(H) x 400(W) x 110(D)mm Stage 3: M5 carbon pleated filter Camfil® Part No. 715 00 0162 400(H) x 400(W) x 50(D)mm



NANOSTRIKE TECHNOLOGY

LARGE ROOMS

FAN SPEED CONTROL

TRIPLE STAGE FILTER

axishealth

46-50 Brindley Street,
Dandenong South, VIC 3175

T +61 (3) 9922 0300
F +61 (3) 9544 5392

axishealth.com.au