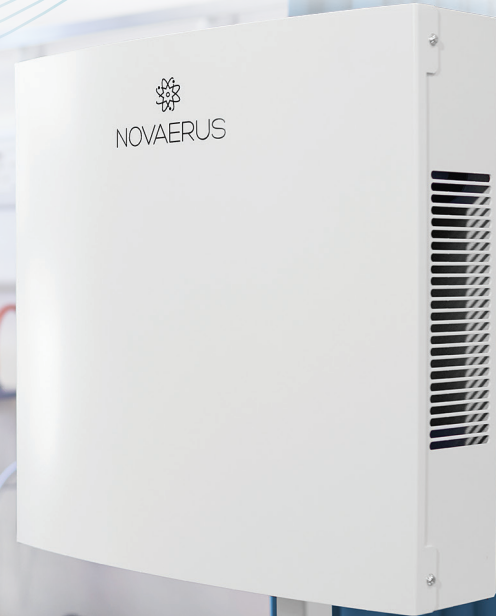
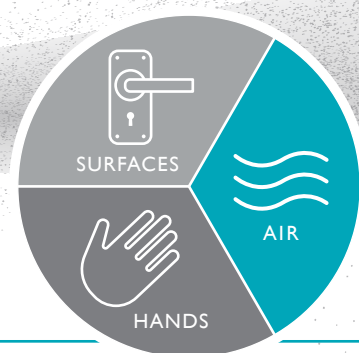


Protect & Defend your Patients and Staff



Augment Infection Control Protocols with **24/7 Air Dis-Infection**

Wherever people are coming and going, there are pathogens being introduced to indoor environments. When those pathogens become airborne, smaller particles can spread over long distances via air currents while larger particles settle on surfaces to be picked up by hands. For the most effective, safe, easy-to-use, and affordable technology for air dis-infection, look no further than Novaerus.



Larger infectious particles can drop from the air to contaminate surfaces and hands.

Infectious aerosols can remain suspended and viable in the air stream over long periods of time.

NanoStrike™ technology

The First Line of Protection Against Airborne Viruses and Bacteria

NanoStrike is the unique, patented technology at the core of all Novaerus portable air dis-infection devices. This nanotechnology inactivates all airborne microorganisms on contact providing the first line of protection against viruses and bacteria.

- Patented technology harnessing multiple pathogen inactivation processes in one powerful strike
- Inactivates at the DNA level in a sub-second time frame
- Uniquely bursts the pathogen cell, preventing self-healing
- Multiple pathogen inactivation processes guarantee no future antimicrobial resistance can develop
- Lowest total cost of ownership of any air purification technology
- Powerful but gentle for 24/7 use around the most vulnerable of people
- Independently tested and proven

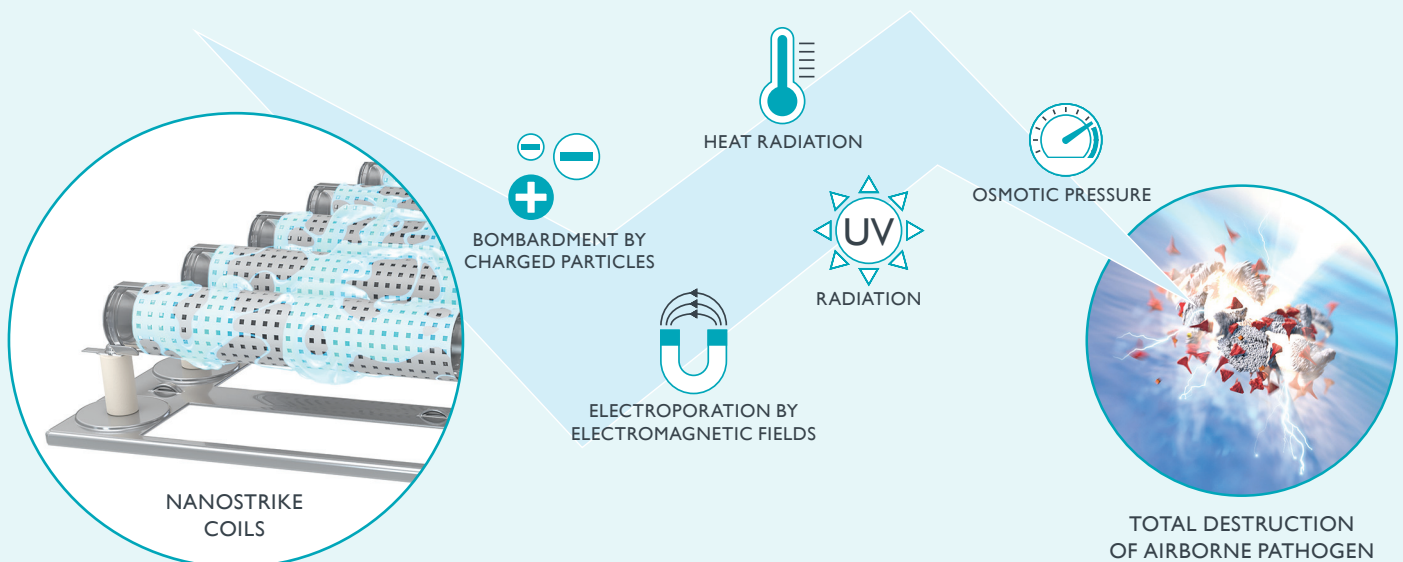


How NanoStrike Protects

Multiple Inactivation Processes in One Powerful Strike

Developed by the WellAir team of scientists and engineers, NanoStrike technology harnesses a range of physical concurrent pathogen inactivation process to safely dis-infect the air.






NanoStrike coils provide a powerful strike that works to burst airborne pathogen cells, rapidly inactivating them, ensuring they are no longer a threat of infection.



Independently Tested

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.

In case studies and clinical trials, Novaerus products have been demonstrated to reduce infections and improve wellbeing in real-world settings.

TYPE	NAME	REDUCTION	TIME	SPACE	MODEL
VIRUSES 	SARS-CoV-2	99.99%	30 min	36m ³	NV1050
	MS2 Bacteriophage Virus ¹	99.99%	15 min	16m ³	NV1050
	Measles ²	99.87%	20-30 min	28.5m ³	NV1050
	Influenza A	99.9%	10-20 min	28.5m ³	NV1050
	Phi X 174	98.8%	30 min	60m ³	NV1050
	SARS-CoV-2 ³	99.99%	5 hours	16m ³	NV800
	Norovirus ⁴	99.99%	5 hours	16m ³	NV800
	Influenza A ⁵	99.99%	5 hours	16m ³	NV800
BACTERIA 	<i>Bacillus Globigii</i> endospores	99.99%	15 min	16m ³	NV1050
	Tuberculosis ⁶	97%	30 min	30m ³	NV1050
	MRSA ⁷	99.94%	15 min	30m ³	NV1050
	<i>Clostridium difficile</i> spores	99.9%	40 min	28.5m ³	NV1050
	<i>Staphylococcus epidermidis</i>	99.9%	60 min	60m ³	NV1050
	MRSA	99.99%	4 hours	1m ³	NV800
	<i>Bacillus subtilis</i>	86.63%	6 hours	16m ³	NV800
	<i>Escherichia coli</i>	71.80%	5 min ⁸	.51m ³	NV200
MOULD SPORES 	<i>Aspergillus niger</i>	99.99%	30 min	16m ³	NV1050
	<i>Aspergillus niger</i>	99.10%	4 hours	16m ³	NV800
VOCs 	Nitrogen Dioxide	99.49%	7.2 min	16m ³	NV1050
	Formaldehyde	99.68%	1.1 min	16m ³	NV1050
	Toluene	99%	9.1 min	19.72m ³	NV1050
PARTICULATE 	PM 1	99%	6.33 min	19.72m ³	NV1050
	PM 2.5	99%	6.26 min	19.72m ³	NV1050

1. MS2 Bacteriophage Virus is an accepted surrogate for Influenza, Norovirus and SARS-CoV-2.

2. Tested on Human parainfluenza type 3 (HPIV3), a surrogate for Measles.

3. Tested on MS2 Bacteriophage, a surrogate for SARS-CoV-2.

4. Tested on MS2 Bacteriophage, a surrogate for Norovirus.

5. Tested on MS2 Bacteriophage, a surrogate for Influenza.

6. Tested on *Mycobacterium smegmatis*, a surrogate for *Mycobacterium tuberculosis*.

7. Tested on *Staphylococcus epidermidis*, a surrogate for MRSA.

8. Tested for 5 minute period only to evaluate physical distortion of bacteria cell structure.

“ We ended up with clinical and financial benefits beyond our expectations. We haven't had a single influenza outbreak in a year, and staff sick leave is down by 45% year-on-year. I can't recommend Novaerus highly enough.”

Leopardstown Park Hospital, Dublin, Ireland

Novaerus Products

Protected by
NanoStrike™
technology



DEFEND 1050

Designed for rapid remediation in large spaces and situations with high risk of infection, the Novaerus Defend 1050 uses NanoStrike™ technology combined with a triple-stage Camfil® filter system to provide a combined solution for air dis-infection and particle removal. Free-standing unit can be wheeled easily to point of care and plugs into any outlet.

Application

- Operating Theatres
- Intensive Care Units
- Emergency Rooms
- In Vitro Fertilization Labs
- Patient Wards
- Construction Projects
- Child Care / Schools
- Senior Living Facilities



NANOSTRIKE TECHNOLOGY



FAN SPEED CONTROL



LARGE ROOMS



TRIPLE STAGE FILTER



PROTECT 800

Designed for continuous air dis-infection and odour control in medium indoor spaces, the Novaerus Protect 800 uses NanoStrike™ technology with a 2-speed fan. Can be wall-mounted or placed on a stand and plugs into any outlet.

Application

- Patient Rooms
- Operating Theatres
- Nurses Station
- Examination Room
- Classroom
- Common Areas



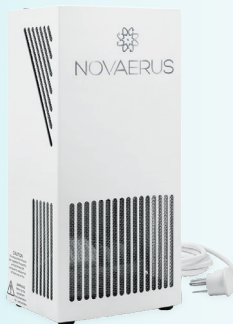
NANOSTRIKE TECHNOLOGY



MEDIUM ROOMS



FAN SPEED CONTROL



PROTECT 200

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. Can be wall-mounted or placed on any surface and plugs into any outlet.

Application

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



NANOSTRIKE TECHNOLOGY



SMALL ROOMS

Protected by

NanoStrike™
technology

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.

DEFEND 1050**NV1050**

- Portable
- 900m³/hr
- 3 filters – Carbon, HEPA, Pre-filter

PROTECT 800**NV800**

- 260m³/hr
- Covers up to 60m²
- Wall or stand mounted

PROTECT 200**NV200**

- 50m³/hr
- Covers up to 20m²
- Portable

Contact us for more information or to order:

Email: info@axishealth.com.au

Phone: +61 (3) 9922 0300

Website: www.axishealth.com.au



Protected by
NanoStrike™
 technology

Novaerus Product Specifications

NanoStrike is the unique, patented technology at the core of Novaerus portable air dis-infection devices.

This nanotechnology inactivates all airborne microorganisms on contact providing the first line of protection against viruses and bacteria.

Defend 1050 (NVI050)

Designed for rapid remediation in large spaces and situations with high risk of infection, the Novaerus Defend 1050 uses NanoStrike technology combined with a triple-stage Camfil® filter system to provide a combined solution for air disinfection and particle removal. Free-standing unit can be wheeled easily to point of care and plugs into any outlet.

Floor standing, 2-wheeled base + handle, 5-speed fan setting with 2 m power cord



AREA COVERAGE

18.6 – 92.9 m² (4 air changes per hour)
 37.2 – 185.8 m² (2 air changes per hour)

VOLUME TREATMENT

45 – 226 m³ (4 air changes per hour)
 90 – 452 m³ (2 air changes per hour)

ELECTRICAL RATING

Single phase, 220-240 VAC, 50-60 Hz
 Fuse rated at 250 VAC, 6.3 Amps,
 Listed

POWER CONSUMPTION

Maximum 396W

CONSTRUCTION + COLOUR

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

DIMENSIONS + WEIGHT

92.0 cm × 49.0 cm (w) × 59.0 cm (d)
 53.8 kg

ELECTRICAL CONNECTION

Switched and fused with a grounded, moulded and detachable power cord.

FAN AIRFLOW VOLUME

Speed 1 = 181 m³/h
 Speed 2 = 317 m³/h
 Speed 3 = 453 m³/h
 Speed 4 = 679 m³/h
 Speed 5 = 906 m³/h

NOISE LEVEL

Speed 1 = 48 dBA
 Speed 2 = 56 dBA
 Speed 3 = 62 dBA
 Speed 4 = 70 dBA
 Speed 5 = 75 dBA

FILTERS

Stage 1: M5 30/30 filter
Stage 2: HEPA H13 filter, MGA grade
Stage 3: G4 carbon pleated filter

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 45001.

Conforms to Low Voltage Directive (LVD) 2014/35/EU

IEC 60601-1, Third Edition

IEC 60601-1-2, Fourth Edition

IEC 60335-1

CE Mark

Protect 800 (NV800)

Designed for continuous air dis-infection and odour control in medium indoor spaces, the Novaerus Protect 800 uses NanoStrike technology with a 2-speed fan. Can be wall-mounted or placed on a stand and plugs into any outlet.

Wall mountable, countertop with table stand or mounted on portable high tower stand, 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 14W

CONSTRUCTION + COLOUR

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

DIMENSIONS + WEIGHT

36.6 cm (h) × 36.5 cm (w) × 11.4 cm (d)
 4.7 kg

ELECTRICAL CONNECTION

Switched and fused with a grounded, moulded power cord

FAN AIR FLOW VOLUME

Speed I = 220 m³/hr
 Speed II = 260 m³/hr

NOISE LEVEL

Speed I = 40 dB
 Speed II = 45 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 45001

Conforms to Low Voltage Directive (LVD) 2014/35/EU

IEC 60601-1, Third Edition

IEC 60601-1-2, Fourth Edition

IEC 60335-1

CE Mark

Protect 200 (NV200)

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. Can be wall-mounted or placed on any surface and plugs into any outlet.

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 + COLOUR

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 m³/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 45001

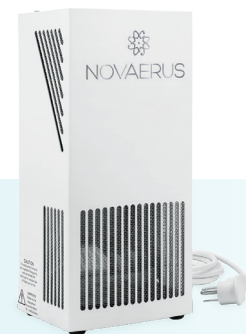
Conforms to Low Voltage Directive (LVD) 2014/35/EU

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CE Mark





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