

Providing Clean, Safe and Healthy Air For Staff and Students



Novaerus Portable Air Disinfection

Novaerus portable air disinfection devices are powered by NanoStrike™ technology, a nanotechnology that inactivates all airborne microorganisms on contact. Simple to use, low-maintenance and with no harmful byproducts, they can be used 24/7 around the most vulnerable of people.

*Products not to scale

FDA Certified Compliant Laboratory Testing Results*

WellAir has our own onsite R&D laboratory, including both an electronics and microbiology laboratory and environmental chambers. The chambers represent different sizes rooms and the environment inside can be controlled such as humidity, temperature and airflow. All product development projects include support from microbiologists, utilizing the on-site, state of the art, laboratory to ensure products deliver maximum destruction of pathogens before being launched into the market.

	TYPE	NAME	REDUCTION	TIME	SPACE	MODEL
		SARS-CoV-2 ¹	99.99%	30 min	1280 ft ³	NV1050
		Measles ²	99.87%	20-30 min	1,006 ft ³	NV1050
		Influenza A	99.9%	10-20 min	1,006 ft ³	NV1050
		Phi X 174	98.8%	30 min	2,119 ft ³	NV1050
		SARS-CoV-2 ³	98.44%	<60 min	563 ft ³	NV900
		Norovirus ⁴	98.44%	<60 min	563 ft ³	NV900
		Influenza A ⁵	98.44%	<60 min	563 ft ³	NV900
		<i>Bacillus Globigii</i> endospores	99.99%	15 min	563 ft ³	NV1050
		Tuberculosis ⁶	97%	30 min	1,059 ft ³	NV1050
		MRSA ⁷	99.94%	15 min	1,059 ft ³	NV1050
		<i>Clostridium difficile</i> spores	99.9%	40 min	1,006 ft ³	NV1050
		<i>Staphylococcus epidermidis</i>	99.9%	60 min	2,119 ft ³	NV1050
		MRSA	99.99%	60 min	35 ft ³	NV900
		<i>Bacillus subtilis</i>	86.63%	6 hours	563 ft ³	NV900
<i>Escherichia coli</i>	71.80%	5 min ⁸	18 ft ³	NV200		
		<i>Aspergillus niger</i>	99.99%	30 min	562 ft ³	NV1050
		<i>Aspergillus niger</i>	99.10%	4 hours	562 ft ³	NV900
		Nitrogen Dioxide	99.49%	7.2 min	562 ft ³	NV1050
		Formaldehyde	99.68%	1.1 min	562 ft ³	NV1050
		Toluene	99%	9.1 min	696 ft ³	NV1050
		PM 1	99%	6.33 min	696 ft ³	NV1050
		PM 2.5	99%	6.26 min	696 ft ³	NV1050

1. Tested on the live SARS-CoV-2 virus, the virus causing COVID-19.
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 to evaluate physical distortion of bacteria cell structure.

* ISO 17025 accredited and FDA 21 CFR Part 58 compliant laboratory

“REDUCING live SARS-CoV-2 VIRUS by 99.99% in 30 MINUTES.*



*TESTED ON NV1050

NV1050

Cleared as a FDA 510(k) Class II Medical Device to filter out and inactivate airborne microorganisms, including viruses and bacteria. The NV1050 uses NanoStrike technology combined with a triple-stage Camfil® filter system to provide a rapid, powerful solution for air cleaning and particle removal. Free-standing unit can be wheeled easily to point of care and plugs into any outlet.



Specifications

- 36.2"(h)×19.3"(w)×23.2" (d)
- 118.6 lbs
- 120VAC, 60Hz
- Maximum 396 watts
- 5-speed fan



NANOSTRIKE TECHNOLOGY



FAN SPEED CONTROL



LARGE ROOMS



TRIPLE STAGE FILTER

NV900

The NV900 is a medical-grade, airborne infection control device that inactivates aerosolized viruses, bacteria, fungi, spores and pollen within the breathing zone. Easy to use flexible in positioning, and quiet in operation, the portable device provides the safest and most cost-effective airborne pathogen protection in a continuous manner to people in small-to-medium sized rooms or within the occupied spaces of larger rooms.

Specifications

- 14.4" w x 14.4" h x 4.5" d
- 10.4 lbs.
- 120VAC, 60Hz
- Maximum 14 watts
- 2-speed fan



NANOSTRIKE TECHNOLOGY



FAN SPEED CONTROL



MEDIUM ROOMS



SAFETY & COMPLIANCE

WellAir products are listed by Underwriters Laboratories (UL) or Intertek: Nationally Recognized Test Laboratories (NRTL) and approved by OSHA.

Our products have been tested and certified to:

- Manufactured under ISO 9001, ISO 14001 & OHSAS 1800
- This Product meets the safety requirements of ISO61010 and UL867 - Safety for Electrostatic Air Cleaners.

NV200

The NV200 is a medical-grade, airborne infection control device that inactivates aerosolized viruses, bacteria, fungi, spores and pollen within the breathing zone. Easy to use flexible in positioning, and quiet in operation, the portable device provides the safest and most cost-effective airborne pathogen protection in a continuous manner to an individual or a group of people occupying a shared space where social distancing guidelines can not be adhered to.

Specifications

- 11.1"(h)×5.2"(w)×4.3(d)"
- 7.5 lbs
- 120VAC, 60Hz
- Maximum 19 watts



NANOSTRIKE TECHNOLOGY



SMALL ROOMS



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