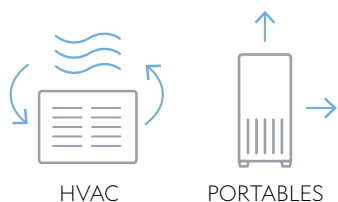
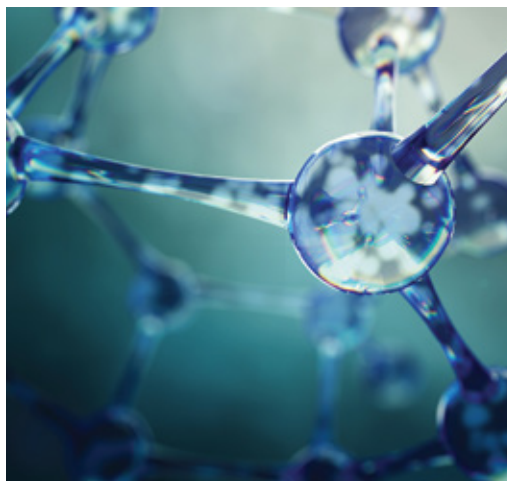




Solutions for a Healthy Indoor World



WellAir provides powerful indoor air quality solutions for both whole-building and in-room protection. In-duct solutions use Plasma Air's soft ionization to treat air through the HVAC system, while Novaerus portable devices with NanoStrike™ technology deliver localized, medical-grade air disinfection. Each works effectively on its own, but together they offer a layered approach for an exceptionally clean and healthy indoor environment.



Plasma Air

HVAC AIR PURIFICATION

Plasma Air's Needlepoint Soft (Bipolar) Ionization technology reduces particulate matter, odors, bacteria and viruses and is independently proven safe and effective for continuous use. All Plasma Air products are UL 2998 validated for zero ozone emissions, are UL 867 safety certified and are CARB certified.



VIRUSES
99.99% reduction
Active SARS-CoV-2
AutoClean 1500



VIRUSES
99.9% reduction
Active Omicron Variant
PA600 Series



VIRUSES
86.6% reduction
Influenza A (H1N1)
PA7000 Series

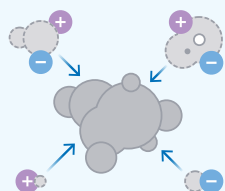


MOLD
97.14% reduction
Aspergillus niger
PA7000 Series

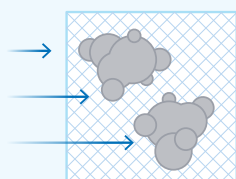


BACTERIA
99.43% reduction
Escherichia coli
PA7000 Series

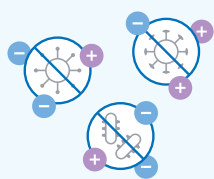
How Soft Ionization Works



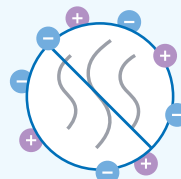
1. Airborne particles are charged by the ions causing them to cluster



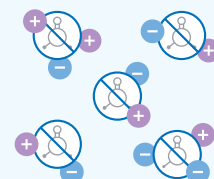
2. Large particle clusters are caught in filters



3. Bacteria and viruses bond with oxygen ions and are inactivated



4. Many odorous gases and aerosols oxidize with oxygen ions and are neutralized



5. Oxygen ions cause a reaction with VOCs breaking down their molecular structure

Plasma Air HVAC Solutions

Ideal for use in commercial, industrial or educational institution applications. Benefits include:

- Uniquely small size - allows for flexible, fast and easy installation
- No replacement parts required
- Low Power Consumption - Less than 1 watt of power
- Little to no maintenance required



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM AIR IONIZER PA600 SERIES DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



600 Series Brush-style Needlepoint Ionizer

- Compact design allows for flexible and easy installation in various system types
- Fan inlet mounted with magnets or screws
- Low maintenance
- Treats up to 2400 CFM (6 Ton capacity)
- Available in 12V DC, 24V AC/DC, 120V AC and 208- 240V AC voltages
- Fuse protected



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM PLASMA AIR AUTOCLEAN 1560 BMS DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



AutoClean 1560 Self-cleaning Needlepoint Ionizer

- Automatically cleans dirt and dust from needles
- No maintenance
- Compact design allows for flexible and easy installation in various system types
- Fan inlet mounted with screws
- Treats up to 6000 CFM (15 Ton capacity)
- Available in 12-24V AC/DC, 24V AC voltages
- Includes dry contacts



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM AIR IONIZER PA660 SERIES DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



660 Series Brush-style Needlepoint Ionizer

- Compact design allows for flexible and easy installation in various system types
- Fan inlet mounted with magnets or screws
- Low maintenance
- Treats up to 2400 CFM (6 Ton capacity)
- Available in 12V DC, 24V AC, 120V AC and 230V AC voltages
- Fuse protected
- Includes dry contacts



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM PLASMA AIR RAPIDPURE DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



RapidPURE Self-cleaning Needlepoint Ionizer

- Easily installs in commercial and residential supply duct
- Needles are recessed – no dust accumulation
- No maintenance
- Available in 12V - 24V AC DC and 120V - 240V AC voltages
- 4.8 watts
- Treats up to 6,000 CFM (15 Ton capacity)



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM PLASMA BAR SERIES WITH PLASMA BAR CONTROL PANEL DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



Plasma BAR Series Needlepoint Ionizer

- Easily installs in air handlers or rooftop units
- Shipped in finished lengths; no field assembly necessary
- Available in lengths of 18" to 96" to suit a variety of size applications
- Low maintenance
- Treats up to 20,000 CFM; multiple BARs can be used
- 24V AC or 12V DC. Power supply provided for 120V - 230V
- Transformer provided for 277V



VALIDATED

• ZERO OZONE EMISSIONS – MEASURED OZONE EMISSIONS FROM AIR IONIZER 7000 SERIES DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867
UL.COM/ECV



7000 Series Needlepoint Ionizer

- Easily installs in residential and commercial supply duct
- Needles are recessed – no dust accumulation
- Low maintenance
- Treats up to 6000 CFM (15 Ton capacity)
- 24V standard power input with optional 120V or 230V power supplies

Protected by

NanoStrike™

The First Line of Protection Against Airborne Viruses and Bacteria

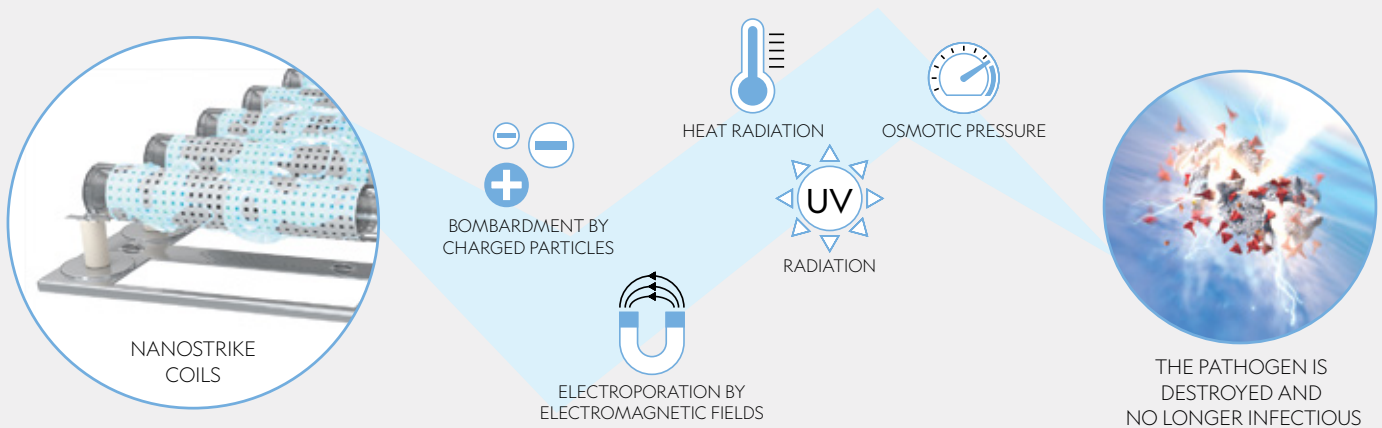
NanoStrike™ technology is the unique, patented technology at the core of all Novaerus portable air disinfection and cleaning devices. This nanotechnology inactivates airborne microorganisms on contact providing the first line of protection against viruses and bacteria.




- 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 inactivation processes help to prevent future antimicrobial resistance
- Low total cost of ownership
- Powerful, but gentle for 24/7 use
- 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 processes to safely clean 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.



	VIRUSES	<ul style="list-style-type: none"> • SARS-CoV-2 • Influenza A • Phi X 174 • Norovirus¹ • Measles²
	BACTERIA	<ul style="list-style-type: none"> • MRSA • <i>Bacillus subtilis</i> • <i>Staphylococcus epidermidis</i> • Tuberculosis³ • <i>Escheria coli</i> • <i>C. difficile</i> • <i>Bacillus Globigii</i> endospores
	MOLD SPORES	<ul style="list-style-type: none"> • <i>Aspergillus niger</i>

**Reduces live
SARS-CoV-2 virus
by 99.99% in
30 minutes.***

*Tested on the Defend 1050

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*.

* Utilizing NanoStrike technology, WellAir portable devices can help to reduce airborne viruses like SARS-CoV-2 which travel in tiny aggregated droplets that can linger for hours before they settle on surfaces.

Novaerus Portable Air Cleaning Solutions

Protected by
NanoStrike™

NANOSTRIKE + TRIPLE FILTRATION (PRE FILTER, HEPA & CARBON)

LARGE ROOMS



Defend 1050

The Novaerus Defend 1050 is an FDA-cleared medical device that inactivates aerosolized viruses, bacteria, and fungi, and purifies the air of particulate matter (PM), volatile organic compounds (VOCs), gases, and odors. The device is designed for airborne infection control in large to medium-sized rooms, can be wheeled easily into desired location and plugs into any outlet. The Defend 1050 device combines NanoStrike™ technology with a triple-stage filtration system from Camfil® to deliver healthy indoor air.



NANOSTRIKE FAN SPEED CONTROL TRIPLE STAGE FILTER

MEDIUM ROOMS



Defend 400

The Novaerus Defend 400 is an FDA-cleared medical device that inactivates aerosolized viruses, bacteria, and fungi, and purifies the air of particulate matter (PM), volatile organic compounds (VOCs), gases, and odors. The device is designed for airborne infection control in medium sized rooms, can be wheeled easily into desired location and plugs into any outlet. The Defend 400 device combines NanoStrike™ technology with a triple-stage filtration system from Camfil® to deliver healthy indoor air.



NANOSTRIKE FAN SPEED CONTROL TRIPLE STAGE FILTER

FILTERLESS - NANOSTRIKE AIR DISINFECTION

MEDIUM ROOMS



Protect 900

The Novaerus Protect 900 is a medical-grade, airborne infection control device that inactivates aerosolized viruses, bacteria, mold spores and pollen within the breathing zone. Easy to use, flexible in positioning, and quiet in operation, the portable device provides safe and 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. The device uses two NanoStrike™ coils with a dual-speed fan. It can be deployed using one of our specially designed stands or wall-mounted.



Protect 900 (device mounted on counter-top stand - sold separately)



NANOSTRIKE FAN SPEED CONTROL

SMALL ROOMS



Protect 200

The Novaerus Protect 200 is a medical-grade, airborne infection control device that inactivates aerosolized viruses, bacteria, mold spores and pollen within the breathing zone. The device uses one NanoStrike™ coil with a single speed fan. Easy to use, flexible in positioning, and quiet in operation, the portable device provides safe and 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 cannot be followed.



NANOSTRIKE

The background of the entire page is a photograph of a modern building's interior. It features a prominent, curved staircase with light-colored wooden steps and a white metal railing. Large windows on the right side of the frame offer a view of lush green trees outside. The scene is brightly lit, suggesting a sunny day.

About WellAir

WellAir makes the indoor world cleaner and safer. Scientifically proven to help harmonize how we work, live and play.

WellAir's patented technologies deliver innovative and powerful air cleaning technology. Our best-in-class solutions are used worldwide in healthcare, education, commercial and residential settings to create healing, learning, working and living spaces that foster human health, productivity and wellbeing.

WellAir is headquartered in the United States and Ireland. The group operates through core business brands: Novaerus and Plasma Air.

wellairsolutions.com