

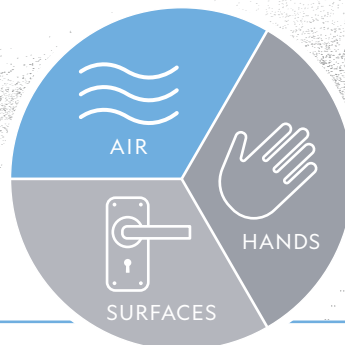
# Advanced Air Cleaning Solutions

for Your Patients & Staff



## Reduce Exposure to Airborne Pathogens with 24/7 Clean Air Technology

Wherever people are coming and going, there are microorganisms being introduced to indoor environments. When those microorganisms 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 effective, safe, easy-to-use, and affordable technology for air cleaning technology, look no further than WellAir's Novaerus air disinfection and cleaning solutions.



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.

Protected by

## NanoStrike™

### The First Line of Protection Against Airborne Viruses and Bacteria

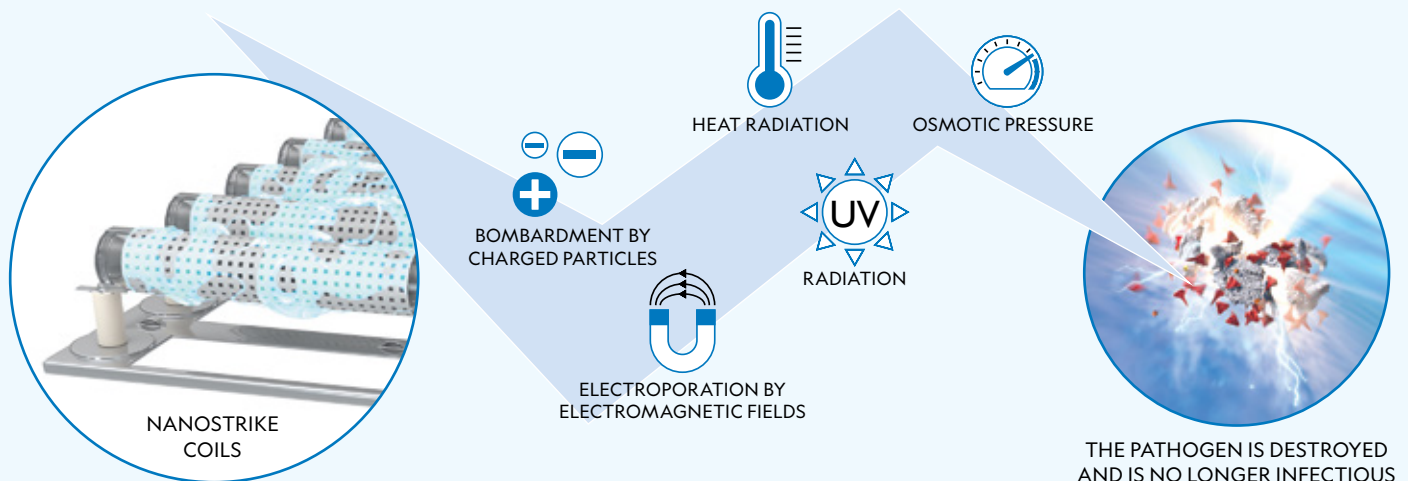
NanoStrike™ is the unique, patented technology at the core of all WellAir Novaerus air cleaning and disinfection devices. This nanotechnology inactivates airborne microorganisms on contact providing the first line of protection against viruses and bacteria.\*

- 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\*



Developed by the WellAir team of scientists and engineers, NanoStrike technology harnesses a range of physical concurrent pathogen inactivation processes to safely clean and disinfect the air.

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



\* Data on file - [www.wellairsolutions.com/research](http://www.wellairsolutions.com/research)



## WellAir's Novaerus Products

Protected by  
**NanoStrike™**

### ✓ FDA Cleared Class II Medical Devices



#### DEFEND 1050

Applications include:

- Operating Theaters
- Intensive Care Units
- Emergency Rooms
- In Vitro Fertilization Labs
- Patient Wards
- Long Term Care Facilities
- Blood Banks



NANOSTRIKE



LARGE ROOMS



FAN SPEED CONTROL



TRIPLE STAGE FILTER



#### DEFEND 400

Applications include:

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



NANOSTRIKE



MEDIUM ROOMS



FAN SPEED CONTROL



TRIPLE STAGE FILTER

Designed for rapid remediation in large to medium spaces where exposure to airborne pathogens is elevated, the WellAir's Novaerus Defend 1050 and Defend 400 use NanoStrike™ technology with a triple-stage Camfil® filter system to provide a combined solution for advanced air cleaning and particle removal. These free-standing, portable recirculating air cleaning systems inactivate aerosolized viruses, bacteria, and fungi and purifies the air of pollen, particulate matter (PM), volatile organic compounds (VOCs), and odours.

The Defend 1050 and Defend 400 are UL867, UL2998, and CARB certified for low ozone emissions.

## Air Disinfection Devices: NanoStrike Technology for the Breathing Zone



#### PROTECT 800

Applications include:

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



NANOSTRIKE



MEDIUM ROOMS



FAN SPEED CONTROL



#### PROTECT 200

Applications include:

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



NANOSTRIKE



SMALL ROOMS

The Protect 800 and Protect 200 are airborne infection control devices that inactivate aerosolized viruses, bacteria, mould spores and pollen within the breathing zone. A filter free air disinfection solution, these devices use patented NanoStrike™ technology, are easy to use, flexible in positioning, quiet in operation, and provide safe and low cost airborne pathogen protection in a continuous manner. The Protect 800 can be deployed using one of our specially designed stands or wall-mounted. Devices are suitable for medium-to-small sized rooms or within the occupied spaces of larger rooms.

## Irish roots, global reach

Novaerus devices are developed and manufactured in Ireland and deployed in more than 60 countries around the globe.



We have tested the Novaerus devices thoroughly and we are now absolutely convinced by their positive impact. We are about to install them everywhere in our facility to protect our patients, their families and our staff from dangerous infections – in particular Norovirus and MRSA – as well as strong odours.

Pflegeresidenz Haus der Ruhe  
(Retirement Home), Garbsen, Germany



After one winter's use of Novaerus' products, our employee sick time was reduced by 40% and improved the office's indoor air quality. In addition to the health improvements noted, employees noticed the office was fresh and lacked its previous winter season staleness.

Linde Healthcare, Vienna, Austria



The operation of the machines has clearly improved air quality, significantly decreasing and eliminating the unpleasant smells that were present previously. The noise emitted by the equipment is insignificant, it does not disturb the patients. The [test] results reveal that apart from reducing the quantity of organic molecules causing the smells, the equipment also significantly decreased the quantity of pathogenic organisms.

University of Szeged, Hungary



We have shown a reduction in upper respiratory infections by 60% over past years' numbers. We have reduced the number of isolation days for C-diff. patients by 20% on average and feel that this occurs because of reduction in airborne cells. We have not had a norovirus outbreak this year or flu, even though both are in the community.

Christian Health Center of  
Hopkinsville, Kentucky



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



Not a single infection occurred after the installation of the Novaerus devices. Novaerus helped to reassure mothers over safety concerns and contributed to increased revenue by differentiating us from other hospitals that don't offer the technology. Furthermore, during the periodical test by the Public Health Inspectors for air quality, Novaerus exceeded our expectations and we managed to get approval without any problem.

Korea Medical Hub, H-Cube Neonatal Centre