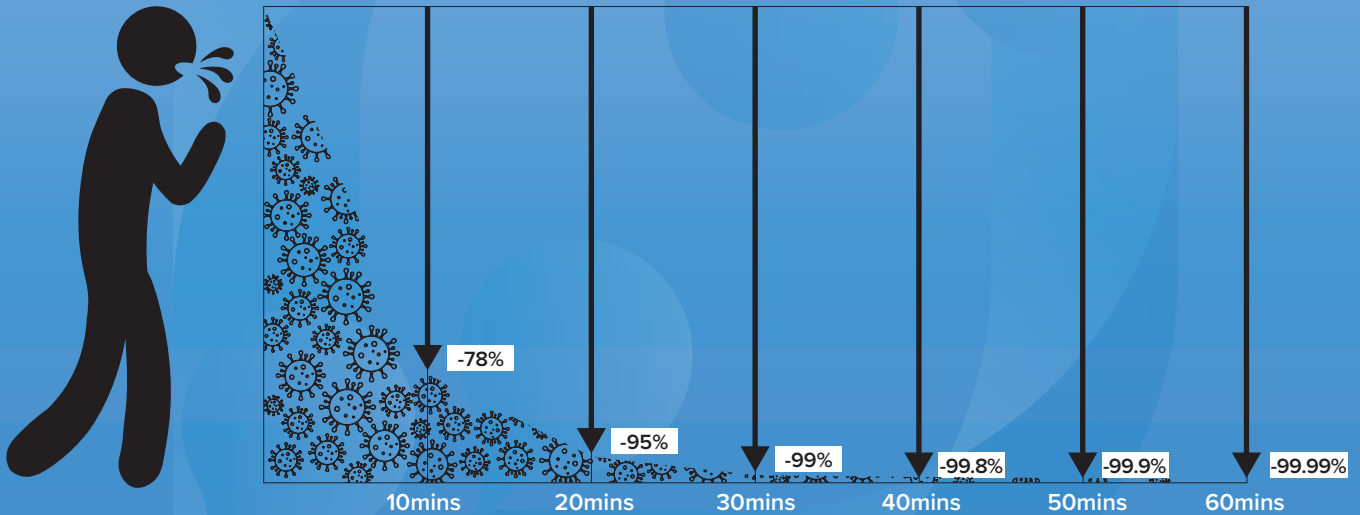


# SAN-AIR™ attacks COVID-19 IN THE AIR

Independently tested and proven to kill up to 78% of COVID-19 every 10 minutes when used continuously within indoor spaces



**1st**

World's first true aerosolised test measuring the efficacy of anti-microbial agents against aerosols of pathogenic bacteria, fungus and a coronavirus; Devised and conducted by UNSW

SAN-AIR raises the standard in INDOOR AIR QUALITY providing an effective airborne solution for ongoing air purification of indoor spaces during human occupancy

**24/7**



**V3R**  
formulation  
for powerful  
microbial  
reduction

100% Natural Actives ✓

No Toxic Chemicals ✓

Food Safe Certified ✓

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[sales@sanair.com.au](mailto:sales@sanair.com.au)

**SAN-AIR™**  
perfect air **24/7**

## RAISING the standard of INDOOR AIR QUALITY

The different routes of transmission for pathogens has been highly debated since the arrival of COVID-19. Current data confirms that the virus can remain airborne in indoor environments for hours and potentially increase in concentration over time.

Daniel Massaioli, the inventor of the SAN-AIR airborne technology, has spent over 12 years researching the nature of pathogens and their safe elimination. Daniel states that the best solution for eliminating airborne pathogens is an airborne solution.

### COVID-19 is an airborne problem

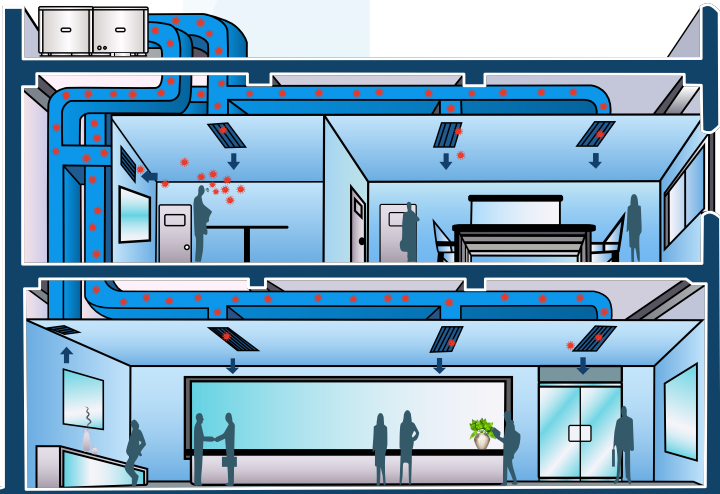
Airborne transmission can occur via droplets, aerosols and microspheres, such as dust. The current protocols for reducing the risk of transmission by droplet are effective. On the other hand, aerosol transmission is still an area of greatest concern. To quote Dr Linsey Marr "to fight infectious aerosols, the air itself is the enemy."



The extent of transmission is propagated through air conditioning systems. Once droplets, aerosols and dust are injected into the air stream, they can move with the air circulated by the HVAC system into other areas of the built environment.

### SAN-AIR vs electronic purification devices

Electronic air cleaning devices (HEPA, Ozone, UV-C) have varying degrees of success in reducing the risk of transmission however, rely on air to flow through the device. Once "sanitised" the air is then released back into the areas beyond the device only to be exposed to contaminated air.



The diagram demonstrates how COVID-19 can spread from an infected person through the air conditioning system to contaminate an entire building

Furthermore, in April 2021 UK's Scientific Advisory Group for Emergencies, states that electronic air cleaning technology has a "... limited evidence base that demonstrates effectiveness against SARS-CoV-2 and/or may generate undesirable secondary chemical products that could lead to health effects such as respiratory or skin irritation."

**SAN-AIR Reactive Gel** is different. Its unique Aerosperse delivery system disperses the gel into the air, covering every area of the indoor space, actively decontaminating the air. The entire indoor air space is continuously being sanitised as the gel technology works in the air and doesn't rely on the air to flow in a specific direction.

### World's first aerosolised test

UNSW has undertaken the world's first true aerosolised test, measuring the efficacy of anti-microbial agents against aerosols of pathogenic bacteria, fungus and a coronavirus.

Based on a new assay, aerosols containing Murine hepatitis virus MHV-1 (surrogate of SARS CoV-2) were introduced into a glass chamber and exposed to SAN-AIR Reactive Gel. The gel vapours came into contact with the suspended aerosols, resulting in a reduction of up to 78% in 10 minutes.

Other pathogens tested using the same assay; Escherichia coli demonstrated a reduction of up to 76% in 10 minutes and Aspergillus Flavus, 72% in 10 minutes.

### A holistic solution with no extra capex required

SAN-AIR Reactive Gel is 100% natural and sustainable. It disperses into the air at a low dosage rate of 5 parts per million. It can be used with all types of air conditioning systems and applied to existing built environments. SAN-AIR provides an effective airborne solution for ongoing air purification of indoor spaces during human occupancy.