

ecoair®

Anti-Covid®  
Air Steriliser  
AVS



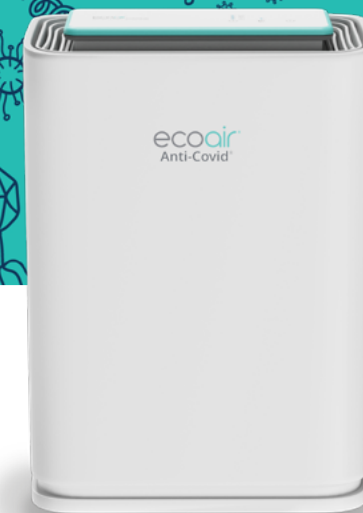




ecoair  
Anti-Covid®



# AIR STERILISER



## EcoAir Anti-Covid®

### Effectively Eliminates 99.9% of Airborne Viruses and Bacteria

The EcoAir AVS features Thermo-Clean® Technology, which operates at 200°C to effectively inactivate airborne viruses and bacteria, including SARS-CoV-2, which cannot survive at temperatures above 70°C. Our specially designed air steriliser system captures and eliminates harmful pathogens efficiently.

Rigorous testing conducted by the reputable MRI Global Laboratory confirmed that 99.9% of airborne SARS-CoV-2 and bacteria were eliminated in a single pass through the AVS Thermo-Clean® Technology.



# Innovative Thermo-Clean® Technology

EcoAir AVS Air Steriliser eliminates over 99.9% of SARS-CoV-2 and other airborne diseases, surpassing the capabilities of most traditional air purifiers, which only capture viruses using HEPA filters.

## PRODUCT MAIN FEATURES

- Utilises new Thermo-Clean® technology (200°C) and a cutting-edge nano-molecular air circulation system.
- Destroys viruses and bacteria instantly in a single pass, surpassing ION systems (30 seconds), UV-C (9 seconds), and Ozone (20 hours).
- High efficiency with low power consumption.
- Silent operation with a noise level of 28-43dBA at low and high speeds.
- Free from side effects, including ozone, radiation, or chemicals.
- Reusable Nano Silver Filter: Designed for multiple uses, this filter can be washed and reused while maintaining its germicidal effectiveness. Wash every two weeks and replace annually for optimal performance.
- Slim, lightweight, and portable design that can easily fit into any space.
- Ideal for babies, seniors, and individuals of all ages.
- Equipped with a timer option for added convenience.



ecoair®

\*MRI Global is an 80-year-old US-based laboratory known for its scientific research and expertise in health and safety technology testing.

# Comparing Systems: EcoAir's Air Steriliser vs. Air Purifiers

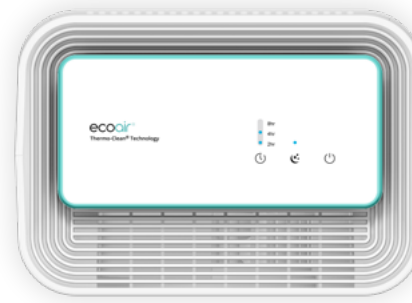
	Thermo-Clean® <sup>1</sup>	ION <sup>2</sup>	UV-C <sup>3</sup>	Ozone <sup>4</sup>
<b>SARS-CoV-2 Elimination Rate</b>	99.9%	91.3%	99.9%	94.3%
<b>Disease Eradication Speed</b>	0.01sec	30sec	9sec	20hrs
<b>Side Effects</b>	No side effects. Ozone, radiation, and chemical free.	May produce ozone.	UV-C leakage could cause skin cancer and eye injuries.	Ozone is a harmful gas and should not be inhaled.

<sup>1</sup> Catch and Kill Airborne SARS-CoV-2 to Control the Spread of COVID-19 by a Heated Air Disinfection System. bioRxiv 2020.  
<https://www.biorxiv.org/content/10.1101/2020.06.13.150243v1>

<sup>2</sup> Plasmacluster Technology Demonstrates Effectiveness in Reducing 91.3% Airborne Coronavirus in 30 Secs – Sharp 2020.  
<https://global.sharp/corporate/news/200907-a.html>

<sup>3</sup> Rapid and Complete Inactivation of SARS-CoV-2 by Ultraviolet-C Irradiation – Research Square 2020.  
<https://www.researchsquare.com/article/rs-65742/v2>

<sup>4</sup> Reduction of Severe Acute Respiratory Syndrome Coronavirus-2 Infectivity by Admissible Concentration of Ozone Gas and Water – Microbiology and Immunology 2020.  
<https://onlinelibrary.wiley.com/doi/10.1111/1348-0421.12861>



## Protect Your Space

EcoAir AVS Air Steriliser is suitable for various locations such as homes, nurseries, hotels, retail stores, health clinics, senior homes, and workplaces.

Laboratory tests conducted by MRI Global demonstrate that a room with a volume of 30m<sup>3</sup> can achieve a virus inactivation rate of 99.9% in just 90 minutes.

### SPECIFICATIONS

Model	AVS AIR STERILISER
Model No.	AS-100001
Power Supply	230V ~ 50HZ
Applicable Area	42m <sup>2</sup>
Ventilation Rate	100m <sup>3</sup> /h
Power Consumption	140W-180W
Filter	Washable Nano Silver Filter
Noise Level (Sleep/High)	28-43dBA
Dimensions (W x H x D)	26 x 36.4 x 17.8cm
Weight	3.9kg





ecooir  
Anti-Covid





EcoAir is headquartered at Unit 7 Propeller Park,  
400 North Circular Road, London NW10 0AB.

To learn more, please visit [ecoair.org](http://ecoair.org), email [info@ecoairgb.com](mailto:info@ecoairgb.com),  
or call +44 (0)20 8459 2458.



*your space, your climate, your choice*

