

– DON'T JUST TRAP, DESTROY

Rensair destroys more than 99.97% of airborne bacteria and viruses



RNA VIRUSES



DNA VIRUSES



BACTERIAL SPORES



POLLEN



FUNGI



MOULD SPORES



DUST MITE ALLERGENS



PET DANDER



ODOURS



TOBACCO SMOKE



STAPHYLOCOCCUS

– SPECIFICATIONS

Dimensions: H:77cm, Ø37cm

Dimensions in box: H: 84cm x W: 43cm x D: 43cm

Net weight: 18kg / 40lbs

Gross Weight (including box): 21kg / 46lbs

Colour: White

HEPA filter: EU13 (EN 1822 class H13)

CE Certified (UK & EU): 220-240V, ~50Hz, IEC C14 to C13 connector to allow for different power plugs

ETL Certified (US & Canada): 110-120V, ~60Hz, US type B power plug

Length of power cord: 3m

UVC lamp: 18W, 254nm light

To find out more about our hospital-grade, antiviral air purifier:

– TYPE

contact@rensair.com

– TALK

+44 (0)20 3973 8927

– CLICK

rensair.com



RENSAIR

Hospital-grade air purification made portable

rensair.com

Clean air for every space

Clean air has never been more important. We have made hospital-grade air purifiers available globally.

The Rensair air purification technology was originally developed for Scandinavian hospitals, meeting strict air quality requirements.

It is a patented solution that uses the most advanced purification technology and the efficacy is documented by independent laboratories.



— HOW IT WORKS

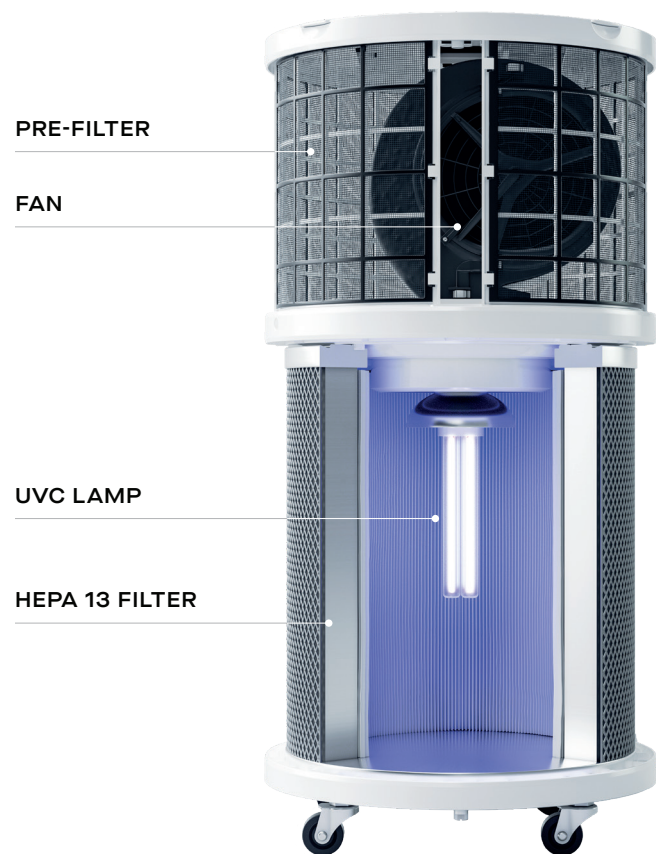
The Rensair air purifier sucks in surrounding air through the upper air inlet perforations. Air travels through the removable pre-filters placed at the top of the machine which catch and trap larger airborne particles and dust.

A powerful fan pushes the pre-filtered air down into the cylindrical shaped HEPA 13 filter located in the middle of the unit.

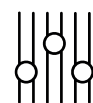
As air hits the HEPA 13 filter, bacteria, viruses and smaller airborne particles and pollutants become trapped on its inner surface.

An 18W UVC lamp placed in the centre of the cylindrical drum continuously illuminates the entire filtration area. This UVC light breaks down the DNA and RNA of all pathogens thereby destroying them. The continuous disinfection process ensures that the Rensair air purifier is always safe to operate and maintain.

Large volumes of clean air travels out of the unit via the lower perforations. The cylindrical shape of the Rensair air purifier allows air to flow out in every direction thereby making it suitable for almost all locations.



— WHY IS RENSAIR AN EFFECTIVE SOLUTION?



HOSPITAL-GRADE TECHNOLOGY

HEPA13 filter and ozone free UVC light



TESTED BY INDEPENDENT LABORATORIES

Documented effectiveness



PATENTED SOLUTION

Unique system delivers industry-leading effectiveness



EASY TO USE

No installation required, simply plug it in



LARGE CLEANING CAPACITY

Cleans 560m³/hour (20,000ft³/hour)



LOW & SAFE MAINTENANCE

9,000h (~1 year) continuous run time

— PERFORMANCE

The Rensair air purifier will run for 9000 hours (~1 year) before you need to replace the HEPA 13 filter and UVC lamp. The Rensair air purifier will automatically alert you when the parts need to be replaced via the 'service indicator' on the display panel. Changing the HEPA 13 filter and UVC lamp is easy and can be done in five minutes. Instructions on how to change the filter and lamp will be included in the box when you order your replacement parts.

RENSAIR AIRFLOW VOLUME	CUBIC METERS M ³ /HOUR	CUBIC FEET FT ³ /HOUR	NOISE LEVEL	POWER USAGE
Low setting	300	10,600	45dBA	160W
Medium setting	430	15,200	52dBA	180W
High setting	560	19,800	59dBAw	220W

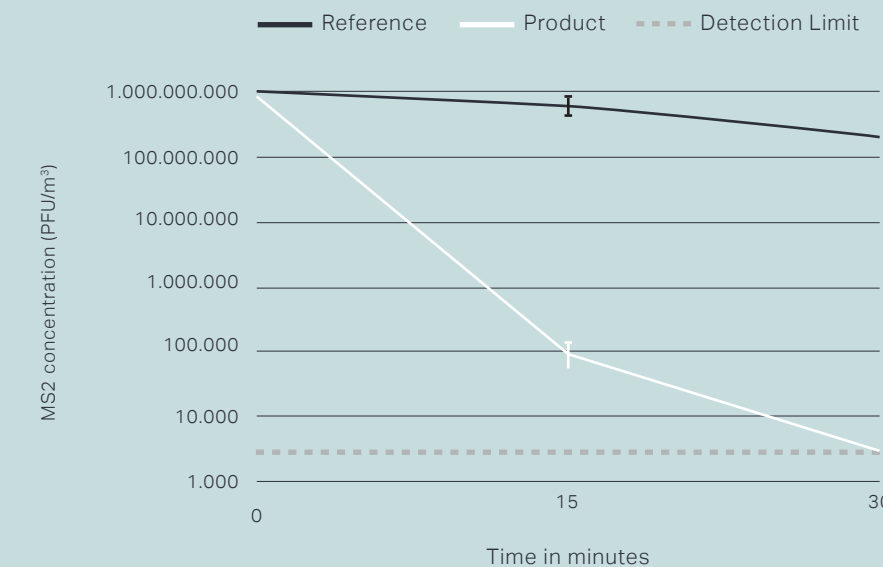
Tolerance +/- 10%

— DOCUMENTED EFFECTIVENESS

The Rensair air purifier has been built to meet the high air quality standards of Scandinavian hospitals and has been tested by world leading laboratories including Eurofins, Norconsult, Oslo university Hospital and Danish Technological Institute.

In a test to determine Rensair's performance in reducing the concentration of Covid-19 surrogate particles in the air, the Danish Technological Institute recorded a particle reduction rate of 99.98 % in 15 minutes and above 99.99 % in 30 minutes. A second test reported 100% elimination of virus particles on the filter, with zero traces detected.

RENSAIR REMOVES BACTERIA AND VIRUS COLONIES TO UNDETECTABLE LEVELS



Concentration of active MS2 over time for the product test and the reference experiment. Note Logarithmic y-axis.

