Core 560

Hospital-grade air purification made portable



RENSAIR

rensair.com

Clean air for every space

Rensair is a specialist in indoor air quality, protecting and enhancing lives through proven clean air technology.

Our award-winning Core air purifier is independently validated by world renowned scientific laboratories, removing risk as well as polluted air.

Our patented combination of HEPA filtration and UVC light technologies are recommended by the world's leading health authorities as effective and safe.

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Rensair inactivates more than 99.97% of airborne bacteria and viruses

The Rensair Core air purifier consists of a germicidal ozone free UVC lamp placed in the centre of a cylindrical high quality HEPA 13 filter, to not only capture but also inactivate viruses and bacteria trapped on the filter surface.

The constant UVC illumination of the entire filtration area ensures a continuous disinfection process, resulting in a safer product to operate and maintain.

The effectiveness of the Rensair Core air purifier is documented by independent laboratories including Eurofins, Norconsult and Oslo University Hospital.



RNA VIRUSES | DNA VIRUSES | BACTERIAL SPORES | POLLEN | FUNGI | MOULD SPORES | DUST MITE ALLERGENS | PET DANDER | STAPHYLOCOCCUS | ODOURS | TOBACCO SMOKE

RENSAIR
Clean Air. Certified.

Unique, patented combination of HEPA and UVC

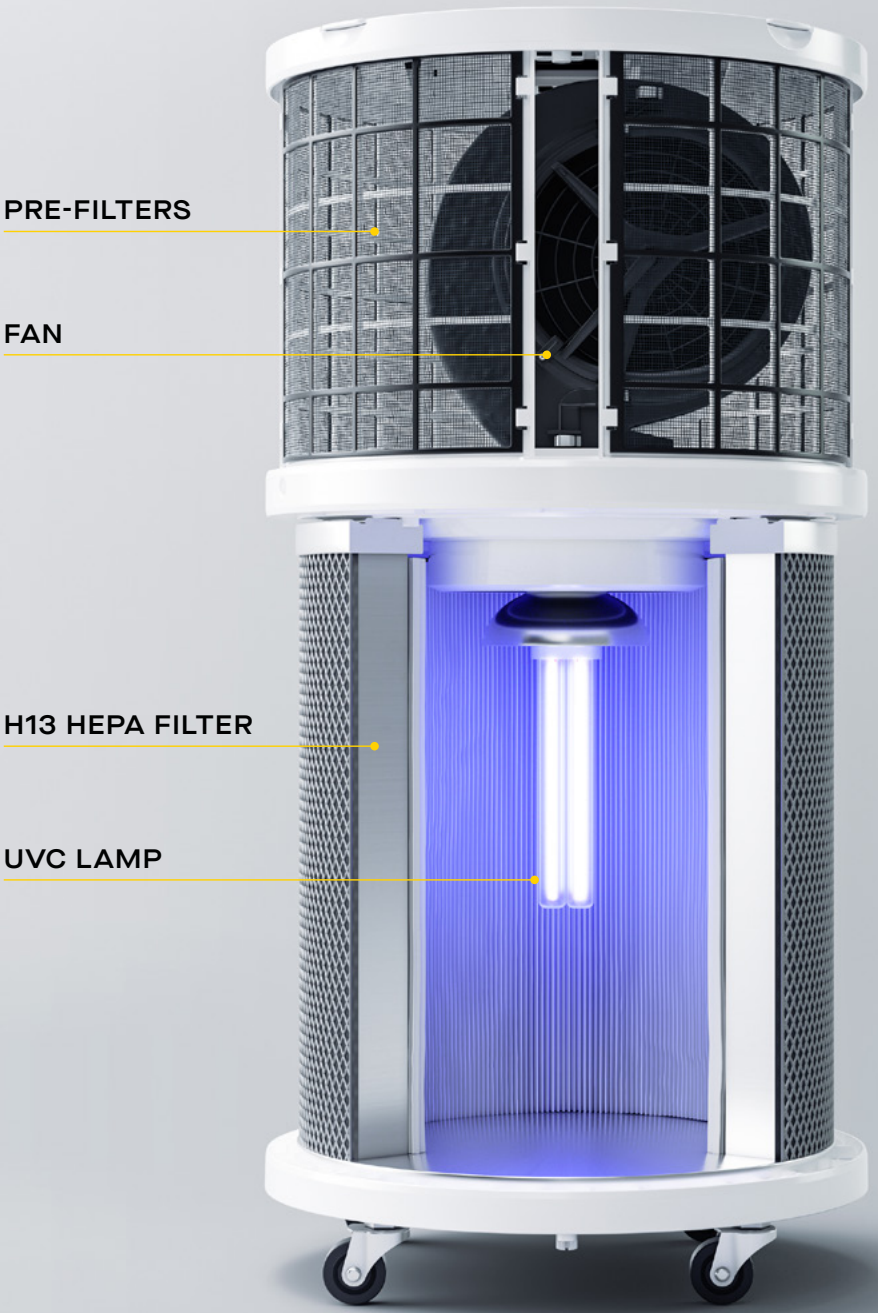
PRE-FILTERS
- Air enters the top of the unit and passes through a pre-filter system. The pre-filters trap large particles, preventing them from reaching the HEPA filter and thereby ensuring a long and efficient HEPA filter life.
- The pre-filters are easily accessible for regular vacuuming.

FAN
- The centrifugal fan creates much higher static air pressure than the axial fans commonly used in other air purifiers.
- By pushing air out through the filter – rather than sucking it through – the unit achieves far higher air volumes, while consuming less energy.

H13 HEPA FILTER
- 99.97% of viruses, bacteria and other airborne micro-organisms are trapped as they hit the pleated surface of the H13 HEPA filter.
- The continued air flow keeps the micro-organisms stuck on the filter surface.

UVC LAMP
- An 18W UVC lamp is suspended in the centre of the cylinder, ensuring continuous disinfection of the entire surface of the filter.
- Destruction of the DNA and RNA in trapped pathogens ensures that maintenance remains totally safe.

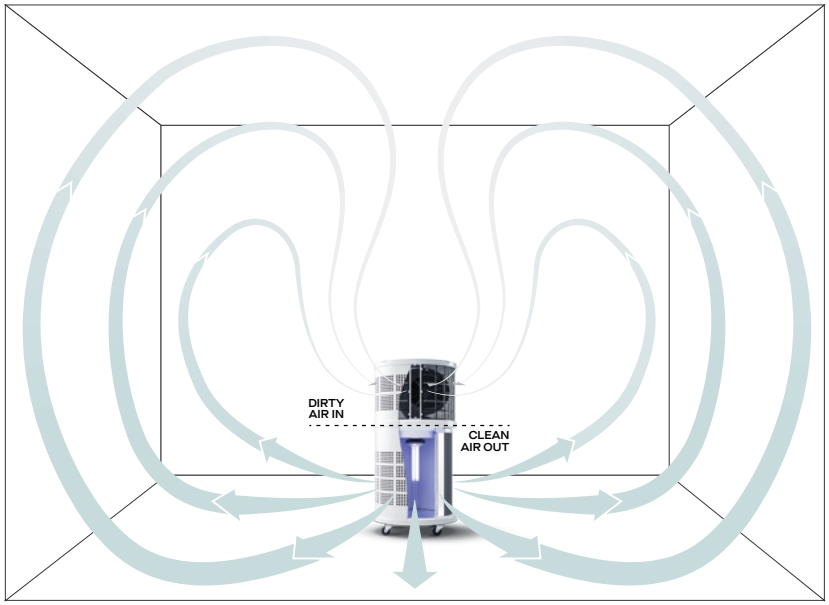
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360° airflow

The Core air purifier draws in dirty air from above and around the circumference of the unit, sucking in at 360 degrees, reducing the importance of where the unit is placed.

Outflowing clean air is distributed evenly at 360 degrees in a uniform, outward 'radial jet' motion that penetrates the entire room.



RENSAIR

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

INDEPENDENTLY TESTED

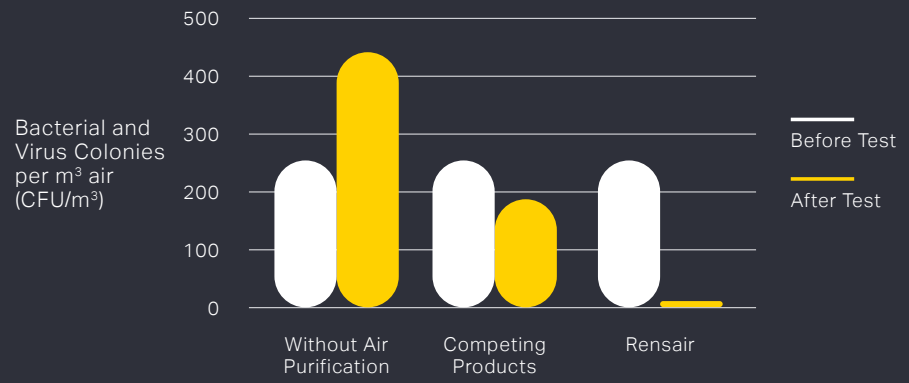
Clean air has never been more important

That's why our air purifiers, originally developed to meet the strict standards of Scandinavian hospitals, are independently validated by world leading sceintific laboratories. These include the Danish Technological Institute, ESI Group, Eurofins, Norconsult and Oslo University Hospital.

Rensair consistently collaborates with research institutions that break new ground in the field of indoor air quality, in terms of pollution sources, health impacts and mitigation techniques.

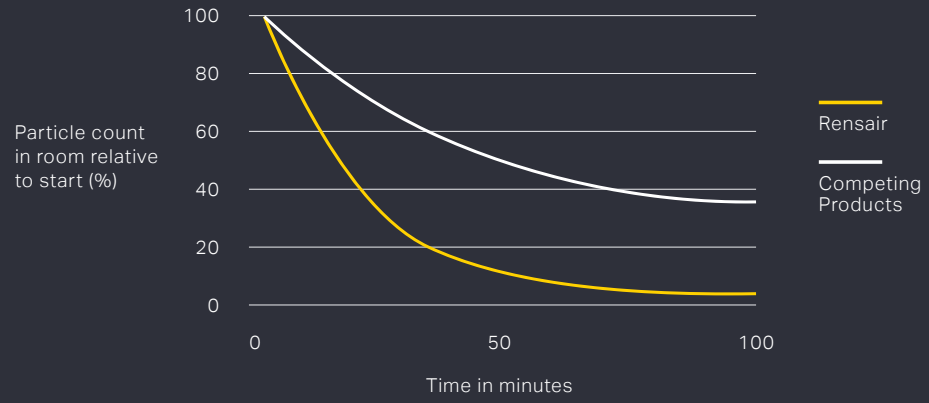
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Rensair removes bacteria and virus colonies to undetectable levels



Notes: Rensair test results from Eurofins, Denmark. Competitor test results obtained from competitor website. Both machines running at maximum capacity.

Rensair effectively removes airborne particles



WHAT OUR CUSTOMERS SAY

Dentists

"The transportable and easy to install aspect of Rensair was appealing."

Dr Taylor, Orchard Cottage Dental Surgery

Gyms & Workout Studios

"We needed a technology that could purify the air, could capture and kill viruses, and was potent enough to exchange the litres of air we needed for a class."

Gerry Lopez, Founder of Sadhana Yoga & Wellbeing

Cinemas & Theatres

"Rensair showed me hard clinical background and laboratory tests that proved they were actually killing viruses."

Greg Lynn, Manager of Prince Charles Cinema

Salons

"When I read about the Rensair portable air purifier system I knew that it would be a major benefit to my staff and customers' safety."

Chris Ward, Founder of Huckle the Barber

Hotels & Restaurants

"Using Rensair shows the guests, on top of all the other measures, that their health and safety is our top priority,"

François Zissel, Assistant General Manager of the Hotel Ibis

Retail

"I wanted to invest in something that I can use forever rather than just a temporary measure"

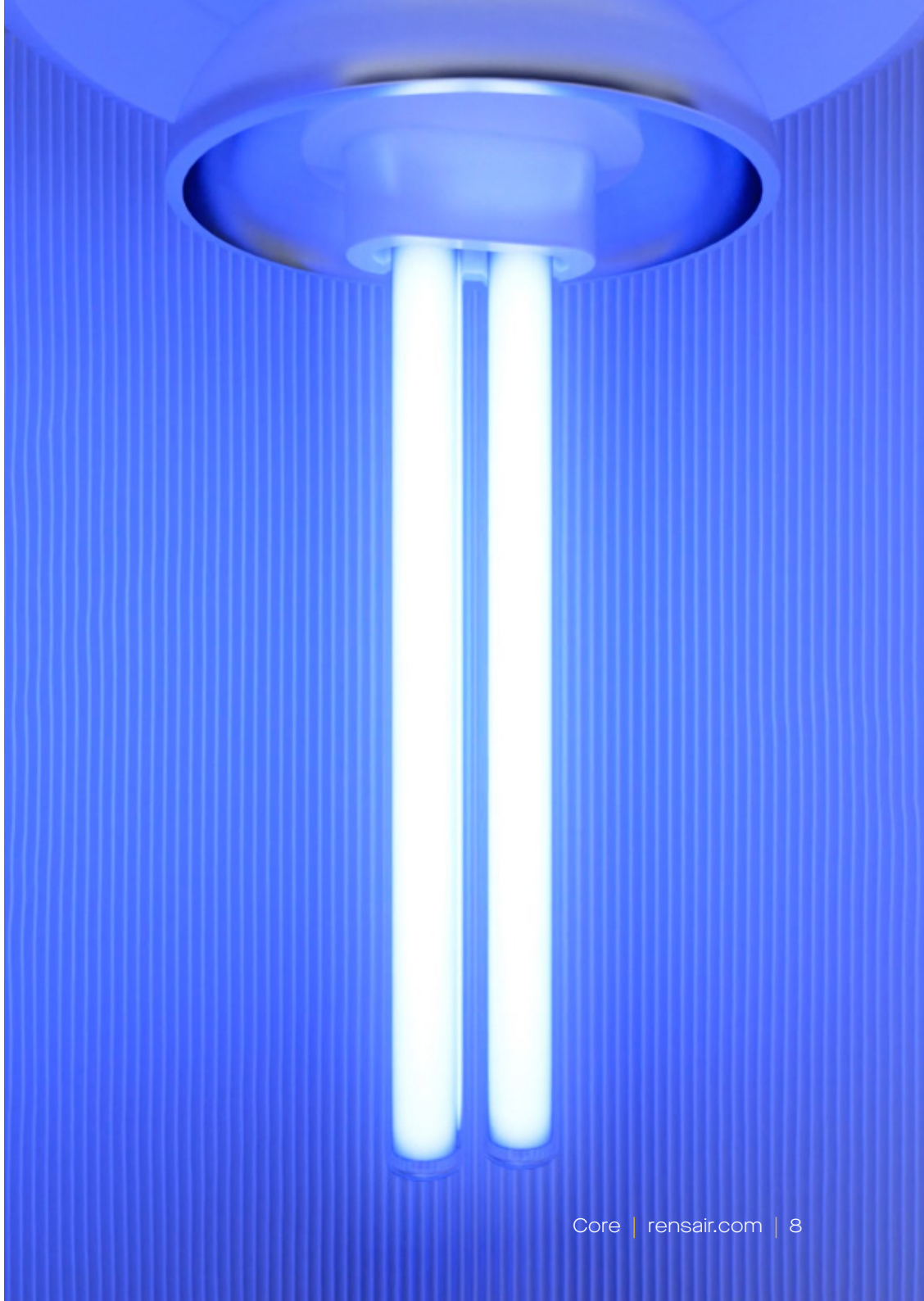
Saro Brindley, founder of Eye Like Gallery

MAINTENANCE

The Rensair Core air purifier will run for 9000 hours (~1 year) before you need to replace the HEPA 13 filter and UVC lamp. The unit 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.

Alternatively, visit rensair.com/maintenance to view our online guide to changing these parts.

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SPECIFICATIONS

- Dimensions: H:77cm, Ø37cm
- Dimensions in box: H: 84cm x W: 43cm x D: 43cm / 16.9in
- Net weight: 18kg
- Gross Weight (including box): 21kg
- Colour: White
- HEPA filter: EU13 (EN 1822 class H13)
- CE Certified (UK & EU): 220-240V,v ~50Hz, IEC C14 to C13 connector to allow for different power plugs
- Length of power cord: 3m
- UVC lamp: 18W, 254nm light

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PERFORMANCE

RENSAIR CORE AIRFLOW VOLUME	CUBIC METRES M3/HOUR	NOISE LEVEL (dBA)	POWER USAGE (W)
Low setting	300	45	160
Medium setting	430	52	180
High setting	560	59	220

Tolerance +/- 10%

RENSAIR



Air purification for every indoor space

Rensair's certified range of air purifiers offers an indoor air quality solution for all sizes of space and levels of occupancy:

Core

Our original hospital-grade air purifier for larger indoor spaces.

Compact

Our new, quiet hospital-grade air purifier for smaller indoor spaces.

AirBubbl

Our mini air purifier for vehicles, truck & bus cabs, and personal spaces.



RENSAIR

VERSION 4.0

WHAT CAN RENSAIR DO FOR YOU?

Rensair PROTECTS lives and promotes health by trapping and inactivating air pollutants, viruses, and bacteria.

Rensair PROTECTS businesses by reducing absenteeism, providing affordable infection resilience, and delivering energy savings.

Rensair ENHANCES lives by improving cognitive functions, decision making, work rate productivity, and information retention, all of which further PROTECT the bottom line.



Contact Rensair to discuss the optimal Indoor Air Quality solution for your space.

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