



# Eliminates Airborne Viruses

from Indoor Environments

Cleanair<sub>Sky</sub>

The Cleanair-Sky is a discrete, ceiling mounted Plasma Purifier that efficiently removes harmful germs and odours from indoor air. It inactivates bacteria, viruses, mould spores, volatile organic compounds (VOCs) and filters pollen from the air.



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Intelligent Ventilation

# Easy Installation & Efficient Operation

Installation of the Cleanair-Sky is independent of building ventilation, which means there are no changes required to the existing system. It is lightweight and easy to mount to a ceiling, and can generally be powered from an existing single-phase lighting circuit.

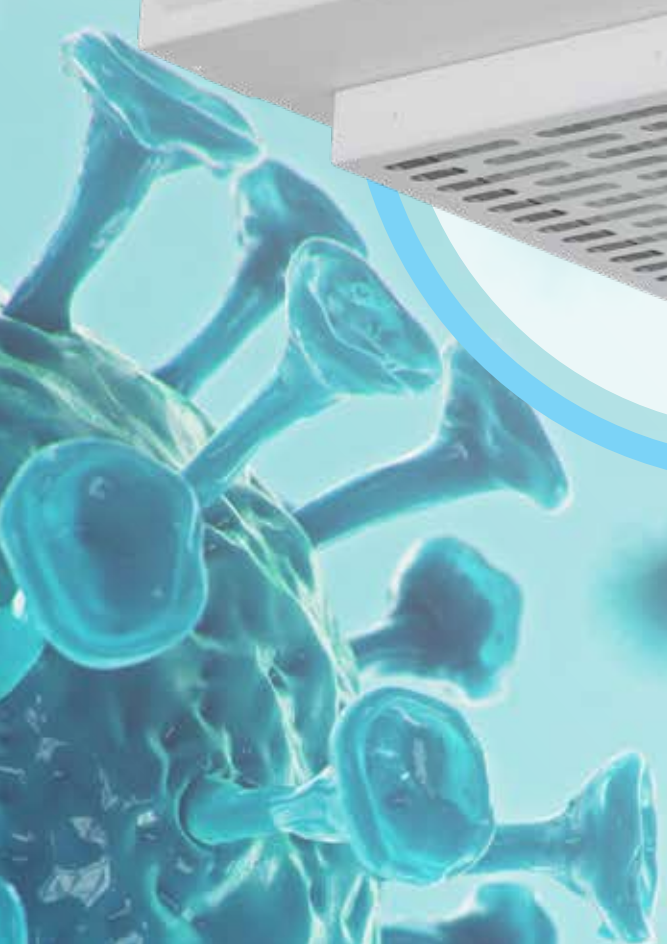
The Cleanair-Sky can be operated via the control panel located on the side of the unit or with the supplied remote control. It means no additional wiring is required.

The Cleanair-Sky draws air up into the unit from the centre of the room and is discharged along the ceiling surface. This creates a Coandă effect that maximises recirculation of the air within the room while eliminating viruses and bacteria. Unlike typical portable floor mounted units, the Cleanair-Sky avoids drawing viruses across the room and past occupants.



## Typical applications

- Schools / Classrooms
- TAFE and universities
- Offices and lobbies
- Childcare centres
- Conference facilities
- Aged care homes
- Medical and therapy rooms



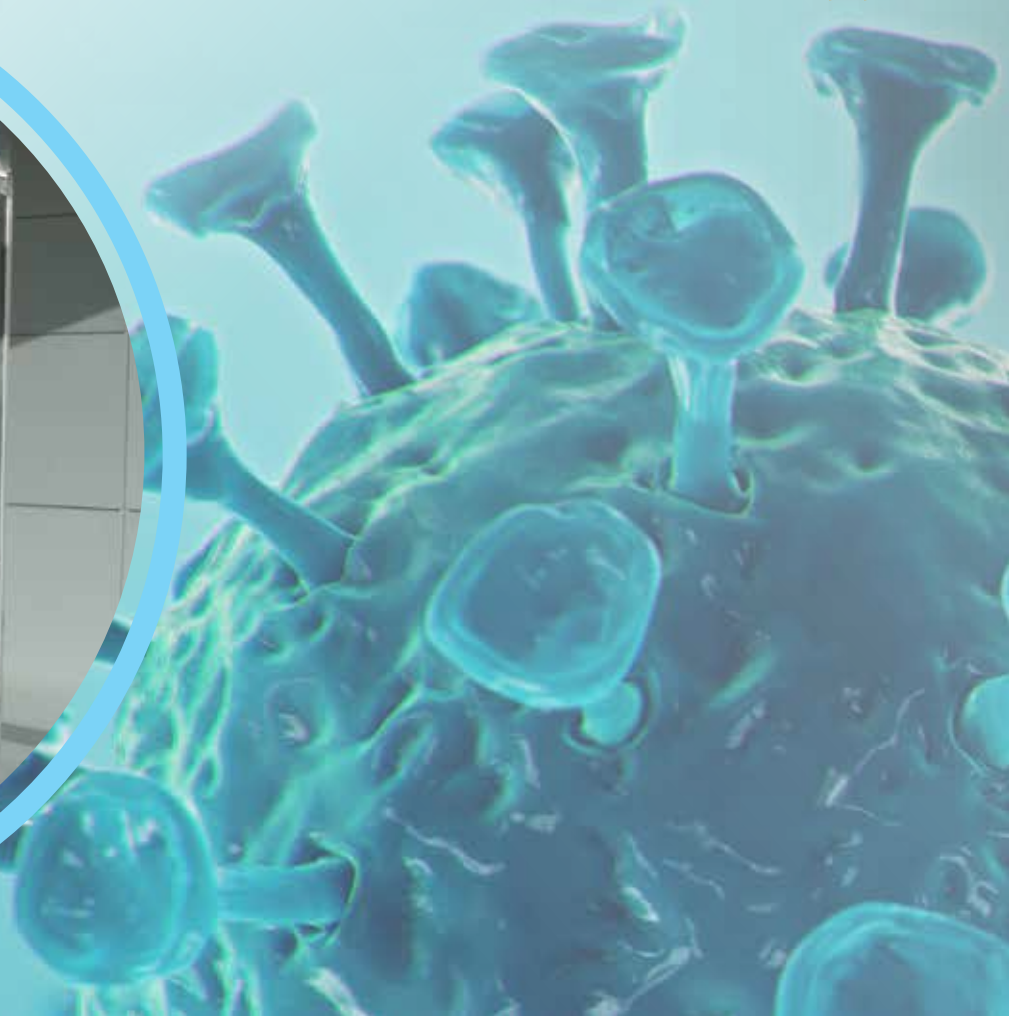
# Neutralises Viruses and Bacteria

The Cleanair-Sky plasma purifier combines a sophisticated, but low-maintenance technology that inactivates the virus and makes filter removal and replacement simple and easy. Room air that passes through the Cleanair-Sky is briefly switched to the energetic state of non-thermal (NT) plasma and positively charges the molecules to neutralise the viruses and bacteria. Cleanair-Sky does not rely on a HEPA filter to trap the living viruses within its filter, which typically requires regular changing under elaborate protective measures.

In a series of tests by the Fraunhofer Institute for Building Physics Germany (pictured below), a room of 211m<sup>3</sup> was exposed to the coronavirus surrogate virus “enveloped Phi-6 bacteriophage”, which has a comparable structure, particle size and environmental stability to SARS-CoV-2.

The Cleanair-Sky was effective in eliminating 73% of viruses from the air within a classroom setting in the first 45 minutes. Over a period of 165 minutes, a staggering 97% of airborne viruses were eliminated from the indoor setting.

“ The Cleanair-Sky is effective in eliminating 97% of viruses ”



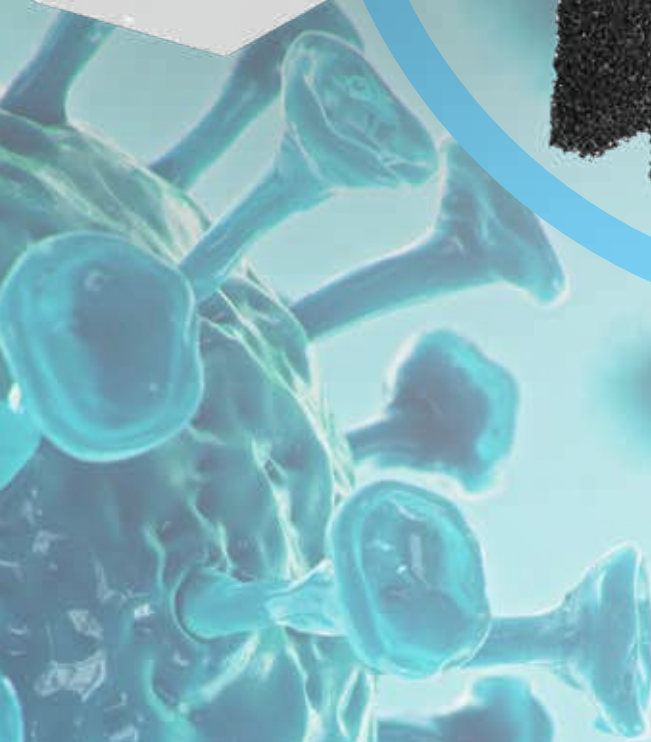


“ Cleanair-Sky is effective against viruses of all kinds. ”

Low maintenance F9 post filter & activated carbon  
Filter replacement - 9000hrs  
or 5 years based on 8 hrs  
per day usage



Automatic switch-off  
safety when filters  
are removed



# Captures Critical Contaminants

The Cleanair-Sky not only sterilises the air with activated oxygen, the air that passes through the volume plasma within the unit is disinfected by oxidation. During the purification process the Cleanair-Sky makes use of activated carbon filters to capture and eliminate ozone.

The Fraunhofer study has proven that this does not result in any harmful contamination of the room air by pollutants. Contaminant levels measured are expected to have no health effects after a lifetime of exposure as per German committee on indoor guide values (AIR).

Since the Cleanair-Sky is effective against viruses of all kinds, it also reduces the risk of airborne infection from colds and other infections.

Deactivates  
Viruses



Purifies  
the Air



Energy  
Efficient



Quiet  
Operation



Easy to remove  
G4 pre-filter  
3 to 6 month life cycle

Cleanair<sub>Sky</sub>



## Specifications

**Selection:** Suitable in rooms of up to 25-56m<sup>2</sup> (30m<sup>2</sup> is optimal)

**Air flow:** Speed 1: 42 L/s

Speed 2: 74 L/s

Speed 3: 114 L/s

Speed 4: 167 L/s

**Sound:** 28-58 Avg. dB(A) @ 1m

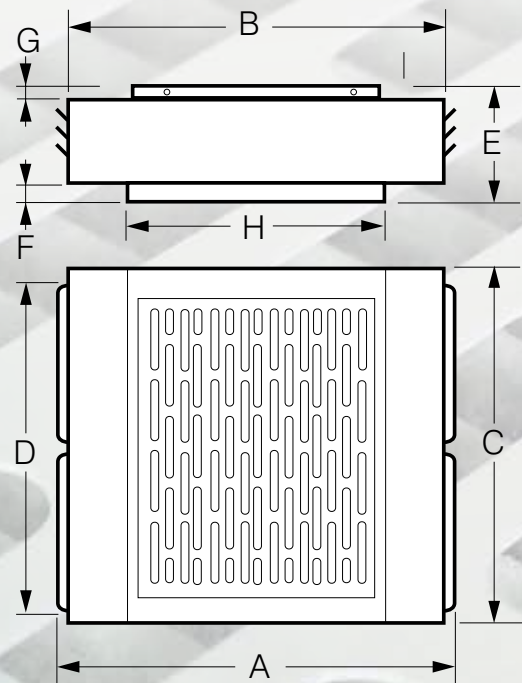
**Motor:** Electronically Commutated (EC)

**Power:** 230V 50Hz 1ph, 55-75W

**Construction:** Powder-coated aluminum (RAL 9016 white)

**Weight:** 13kg

## Dimensions



Model Number	A	B	C	D	E	F	G	H	kg
OXY-CLEANAIR-SKY	690	650	600	555	210	45	20	405	13



Scan the QR Code for more information



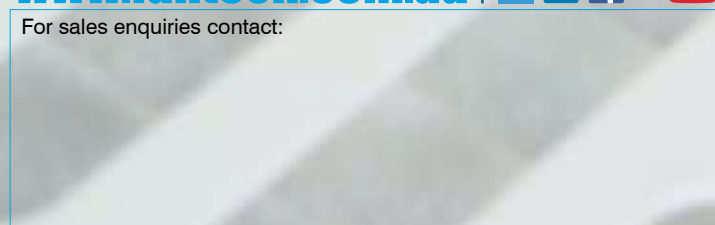
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Specifications and design subject to change without notice.