

Komedia is Putting Safety First...

The world's leading technology in air filtration, neutralisation, and decontamination has been professionally installed in our venue spaces
Radic 8 is a state-of-the-art filtration system which destroy viruses, bacteria, VOC's and purifies the air rapidly and effectively.



Radic8 VIRUSKILLER™ technology has been tested against Coronavirus, Adenovirus, Influenzavirus, Sars and Poliovirus.

Multiple units have been installed in both venue spaces by **ESS Covid Hygiene Ltd** who have **calculated the Air Exchange Targets** making sure the venue delivers the required exchange rate to keep the air purified. At Komedia we are committed to doing all we can to reduce risk as much as is possible for our customers and staff.

Radic8 takes control of the airflow in a room.

The units are designed to **draw exhaled air down to the floor**, and then towards the **intake of the unit**. The contaminated air is then **filtered and sterilised**, before being sent back into the breathing area of the room.

This creates a **persistent, laminar airflow** that is constantly pulling contaminated air away from the breathing area, and replacing it with **clean, fresh air**.



Airflow Control

VIRUSKILLER™ precision airflow control draws contaminated air away from occupants, expelling clean, fresh air into the breathing zone of the room.



Filtration

Air first passes through a series of filters, including a pre-filter, an activated carbon filter, and a high-end HEPA filter, trapping both large and ultrafine particles for future disposal.



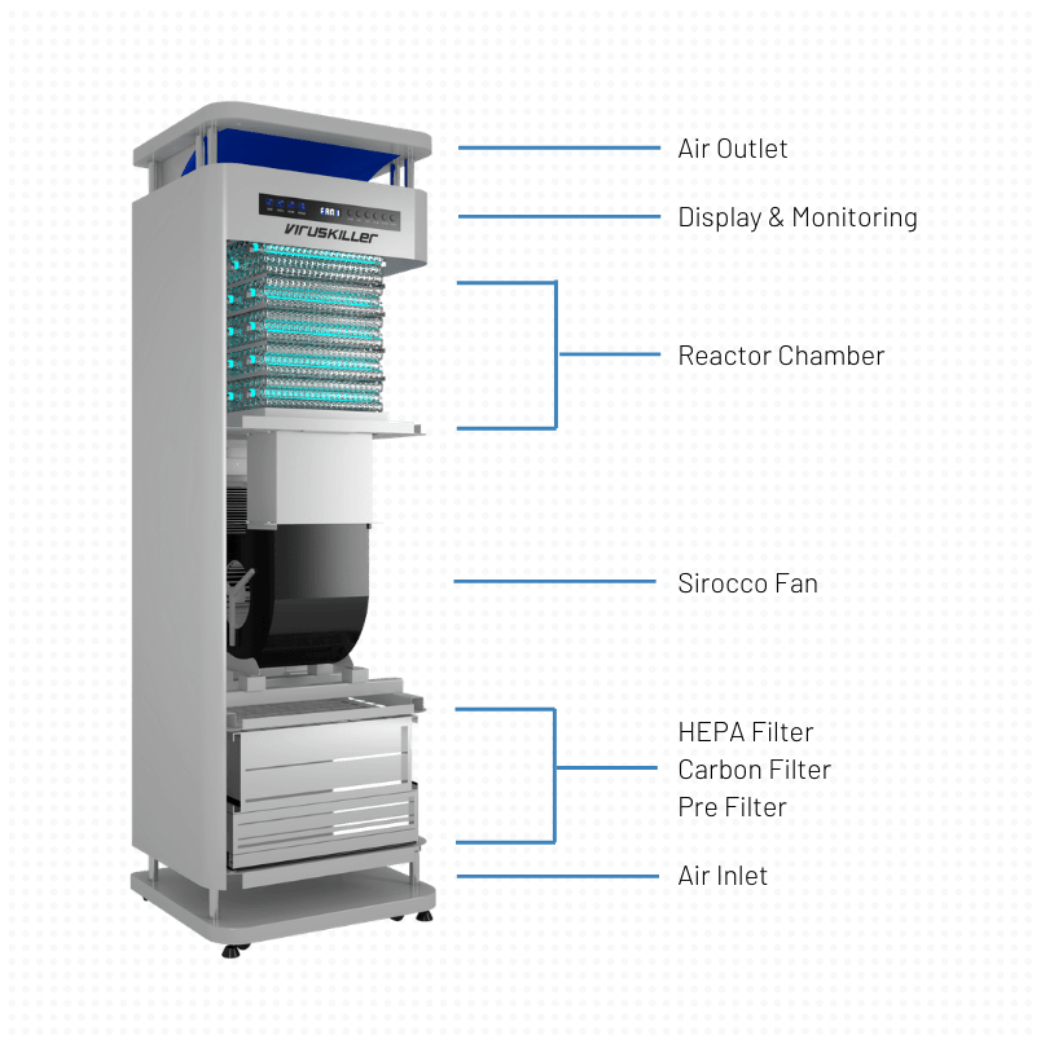
Neutralization

Toxic gases from outdoor air pollutants, as well as indoor odors and fumes from carpets, flooring, and cleaning chemicals are neutralized within minutes.

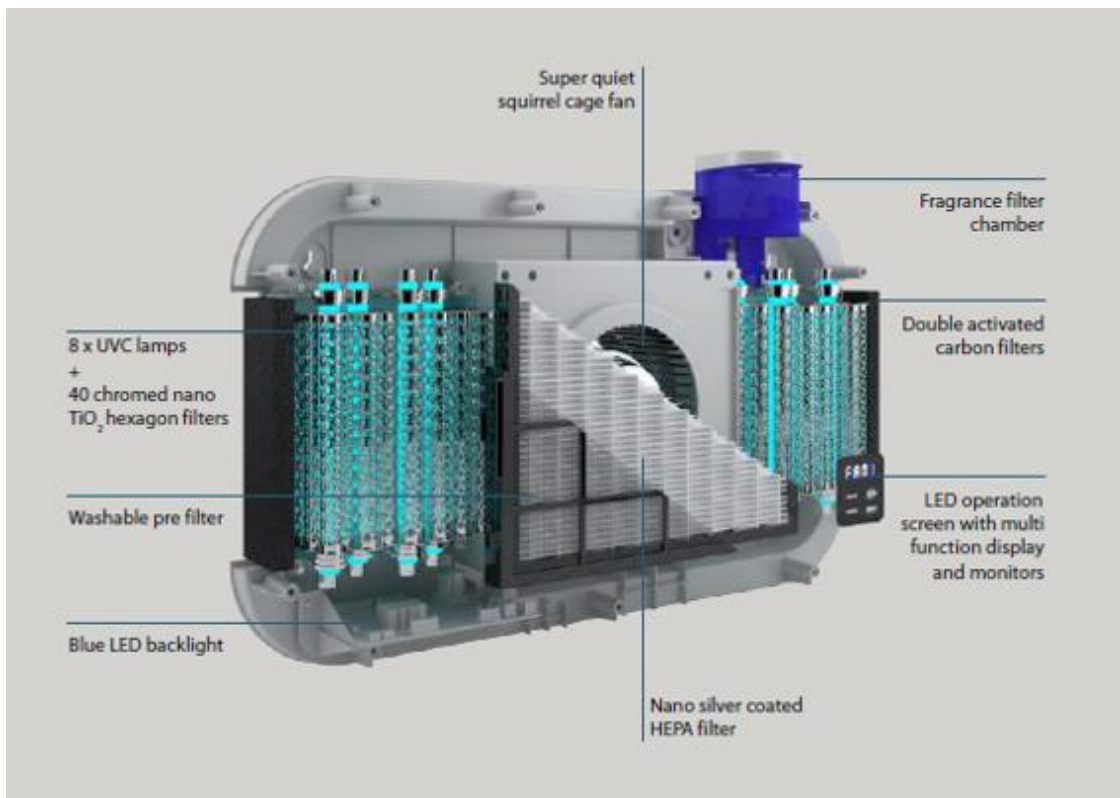


Decontamination

Our patented Reactor Chamber is the heart of VIRUSKILLER™, ensuring that any remaining viruses, bacteria, and gases are deactivated on a single air pass.



At the heart of the technology is the **patented Reactor Chamber** which kills viruses using UV-C lamps and Hexagonal TiO_2 filters which insure complete distribution of the germicidal action and maximum decontamination performance.



Links:

Supporting Videos

[ESS Supply Radic8 VK 103](#)

[ESS Supply Radic8 VK 401](#)

[Hextio Reactor chamber 1](#)

Overview webpage

[Radic8 | Advanced Air Filtration, Purification & Sanitisation | Office & Home \(covid-hygiene.uk\)](#)

Laboratory Test Results

[Radic 8 Laboratory Test Results](#)

ESS Website

[ESS Covid Hygiene Solutions | Air Sanitisation & Purification Specialists \(covid-hygiene.uk\)](#)