VIRUSKILLER™ kills 99.9999% of viruses on a single air pass

* *When independently tested against Coronavirus DF2 (a surrogate for Coronavirus), Adenovirus, Influenza and Polio, the unit was found to kill 99.9999% of viruses on a single air pass*

Rentokil Initial

Protecting People. Enhancing Lives.

VIRUSKILLER™

The Air Purifier that Kills Coronavirus in the air*



PROTECT YOUR CUSTOMERS I VISITORS I STAFF

Rentokil Initial

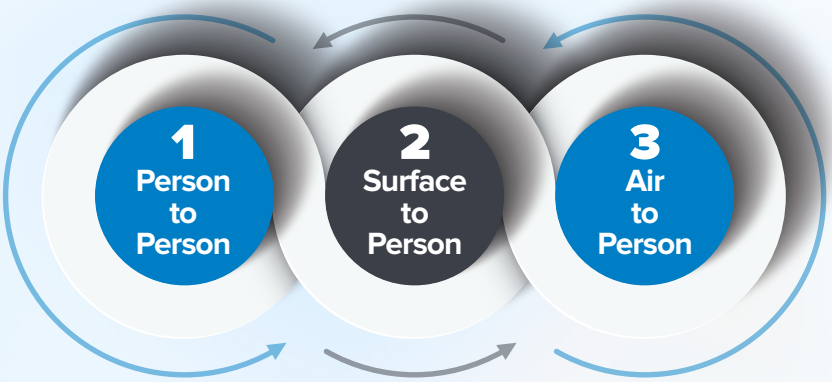
Protecting People. Enhancing Lives.

Drawing contaminated air from the breathing zone

It is now clear that businesses will have to change how they operate following the Coronavirus pandemic.

Stopping the spread of Coronavirus has forced businesses to revisit their entire infection control method.

Germs and pathogens can be spread in three key ways:



Our VIRUSKILLER™ units kill 99.9999% of viruses on a single air pass and are proven to kill Coronavirus in the air.*

Air quality is a factor often overlooked in creating a hygienic environment. Our VIRUSKILLER™ units can help you to create a safer environment and break the chain of airborne transmission.

The World Health Organisation (WHO) recognises that Coronavirus can be transmitted from person to person via aerosols in the air.

Installing high quality air purifiers can help you to protect people by removing harmful pathogens from the air.

Each certified VIRUSKILLER™ unit is designed with unique technology to protect your visitors, customers and staff.

65% of people believe businesses and employees should do more to ensure they provide clean air in their premises.**





** *Research conducted by Opinium LLP for Rentokil Initial. Conducted 20-22 November 2020 sampling 2,000 adults in the UK*

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The importance of clean air



While we should all be aware of the importance of handwashing, surface disinfecting and social distancing, the importance of indoor air quality can not be ignored.

Indoor public spaces are natural breeding grounds for viruses, bacteria, allergens, and odours which are released during talking, coughing, sneezing and regular breathing.

If air quality is not controlled, harmful droplets can linger in the air for hours, even after people have left a room.

To prevent airborne viruses from spreading, they should be removed from the air and sterilised immediately. This clean air can then be safely released back into circulation.

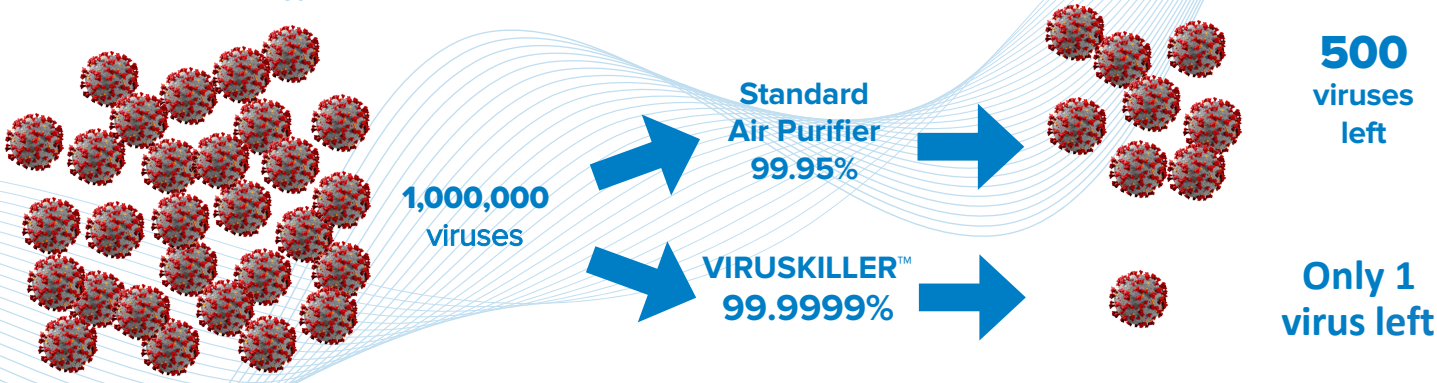
Do you want to breathe clean air?

Nothing is more important than breathing clean, fresh air.

Typical air purifiers can filter out **99.95%** of virus particles. However, they aren't efficient at filtering out smaller viral particles and they **don't** kill or deactivate the virus as effectively as our VIRUSKILLER™ solution.

VIRUSKILLER has a **99.9999% kill rate** on respiratory viruses including Coronavirus.

The air contains millions of viruses.
How many an air purifier removes depends on the technology and effectiveness of the unit.



Bring clean air into your business with our VIRUSKILLER™ units. VIRUSKILLER™ technology delivers **Coronavirus-free** air, following a single pass through the unit.

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A VIRUSKILLER™ for every need

Bring control and protection to indoor environments with the VIRUSKILLER™ air purifier range. VIRUSKILLER uses a unique combination of medical grade filters and a UV reactor chamber to deliver clean air. We have a programmable VIRUSKILLER™ solution to fit any environment or requirement.

- **UV-C Reaction Chamber Technology**
- **Triple Filtration System**
- **Range of three stylish units**
- **Single Pass Airflow**
- **Certified unique VIRUSKILLER™ Technology**
- **Ozone free**

Hextio

Hextio is a powerful air purifier designed for targeted protection of a single person in a smaller space.



Coverage M²
20

Number of UV bulbs
1

Filters
Carbon, Particulate

Number of titanium dioxide filters within UV chamber
10

Recommended Locations:

- ✔ Desktop use for an individual employee / office worker
- ✔ Bedside use for a single occupant / patient
- ✔ Counter-tops for reception / standing workers

VK 401

Wall mounted unit, perfect for washrooms and other medium sized spaces.



Coverage M²
60

Number of UV bulbs
8

Filters
Pre-filter, Carbon, Particulate

Number of titanium dioxide filters within UV chamber
40

Recommended Locations:

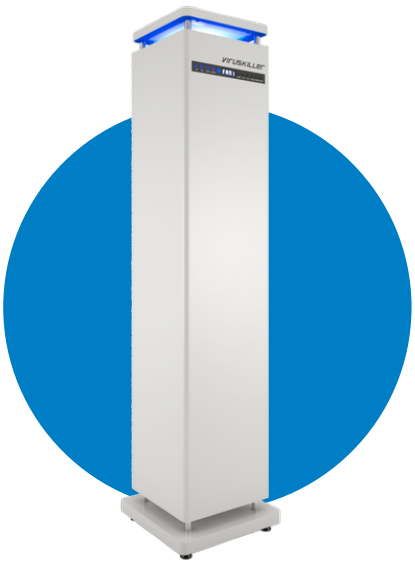
- ✔ Medium sized offices
- ✔ Small surgeries and hygiene-sensitive spaces
- ✔ Laboratories
- ✔ Washrooms
- ✔ Small waiting areas
- ✔ Classrooms

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VK 102

Best suited to environments which need to stay clean and sterile.



Coverage M²
165

Number of UV bulbs
16

Filters
Pre-filter, Carbon, Particulate

Number of titanium dioxide filters within UV chamber
140

Recommended Locations:

- ✔ Hospital wards
- ✔ Educational common rooms
- ✔ Critical care rooms
- ✔ Quarantine / containment areas

All of our units are proven and tested to destroy the widest range of airborne pollutants including:

- Viruses
- Bacteria
- Pollen
- Formaldehyde
- Allergens
- Exhaust Fumes
- Spores
- Particulate Matter
- Mould
- Nitrogen Oxide
- Hazardous Vapours
- VOCs



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59%
of people believe air purification should be mandatory in public buildings and educational facilities**

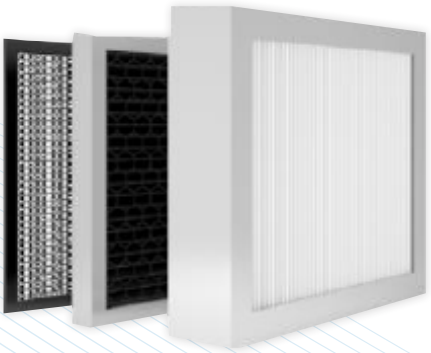
How VIRUSKILLER™ works

Our innovative VIRUSKILLER™ technology is designed to draw air into the units, treat it and then send clean air back into the room.

Thanks to the **unique filtration process**, **reactor chamber** and **UV-C technology**, contaminated air is constantly being removed and replaced with clean, fresh air.

Triple Filtration Process

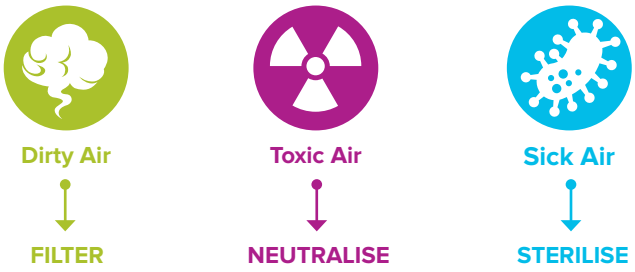
The triple filter is built into each VIRUSKILLER™ unit as standard.



1. Pre-filter
Catches larger particulates and irritants

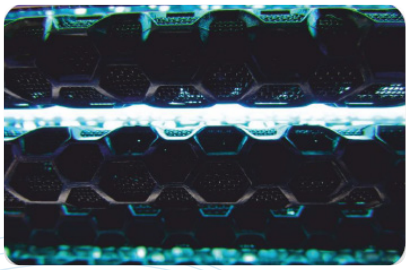
2. Carbon filter
Neutralises most gases and VOCs

3. Particulate filter
Traps smaller particulates



Reactor Chamber

Our VIRUSKILLER™ units include some of the most advanced UV-C reaction technology in the world.



What does it do?

- ✔ It completely neutralises viruses, bacteria, mould, toxic gases and other air pollutants that manage to pass through the filter system.

How does it work?

- ✔ The Reactor Chamber consists of a number of high power **UV-C** lamps.
- ✔ The lamps are surrounded by a **mesh** of chromed nano **titanium dioxide** (TiO2) tube
- ✔ The emitted UV light reacts with the mesh, and in a process called **photocatalytic oxidation** produces **hydroxyl radicals**.
- ✔ The hydroxyl radicals then act as a disinfectant, breaking down organic molecules.

Effective with a Single Air Pass

Our VIRUSKILLER™ units moderate their own air intake, meaning that the air released back into circulation is free of pathogens. Contaminated air is always being drawn into the unit's inlet and away from people in the room.



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Where to use VIRUSKILLER™

People spend
90%
of their time indoors**

VIRUSKILLER™ technology is suitable for any sector that wants to create a safer, cleaner space for its customers, staff and visitors.

By using VIRUSKILLER™ to kill **99.9999%** of airborne viruses at a single pass, everybody can be confident of breathing clean air once again.

VIRUSKILLER™ products should still be used in conjunction with hygiene and social distancing protocols to create safer environments.



How VIRUSKILLER™ can help you

Cleans the air

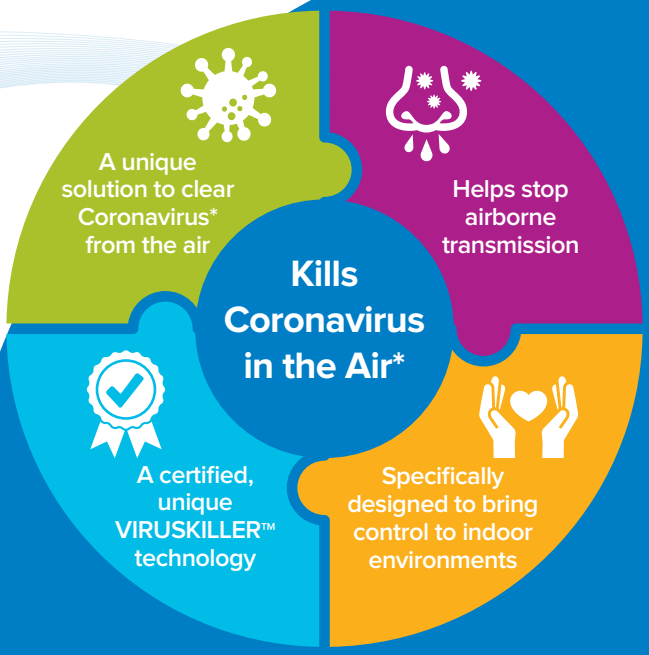
- ✔ Destroys airborne pollutants and pathogens
- ✔ Improves air quality
- ✔ Help prevent cross contamination
- ✔ Safe and Ozone free

Protects people's health

- ✔ Creates a cleaner and healthier indoor environment
- ✔ Keeps staff healthier and more productive
- ✔ Reduces sickness, anxiety and stress
- ✔ Better air quality improves physical and mental wellbeing

Revives your business

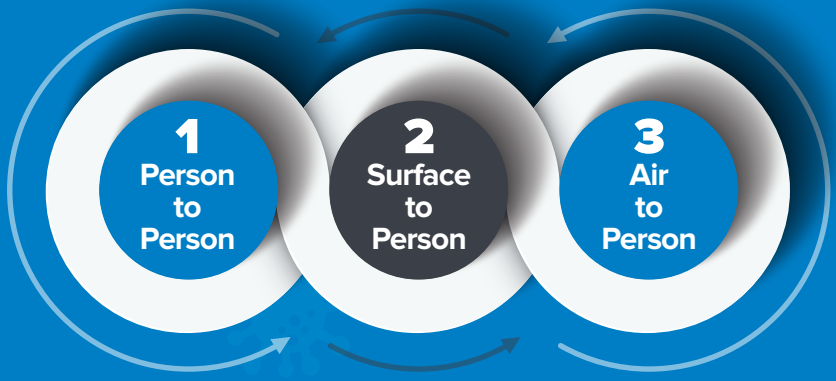
- ✔ Gets people back into work safely
- ✔ Instils confidence that colleagues and customers can return to your site
- ✔ Complies with regulations regarding Coronavirus
- ✔ Protects and enhances your brand image



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We have been the Experts in Pest Control and Hygiene in South Africa since 1967 and have been working throughout the Coronavirus pandemic to provide our customers with essential hygiene services.



Hand Hygiene, PPE, No-Touch Range Protective Screens, Signage

Specialist Disinfection

VIRUSKILLER™







To place an order or for further information please contact us on:

0800 77 77 88

rentokil-initial.co.za