



VIRUSKILLER VS. THE REST

WHAT MAKES IT UNIQUE

1. HISTORY AND FOCUS

The Viruskiller technology innovation was initially funded by the South Korean Government as an emergency response to SARS Coronavirus in 2003.

It was developed through the Industrial - Academic Consortium test, which includes Kangwon National University Medical School and Korea Aerospace University. They worked together to develop a technology that could effectively eradicate airborne viruses from indoor environments. They succeeded.

- R&D Partners include 4 Universities and 2 Government Bodies.
- Around 50 original patents.
- Present in more than 80% of all hospitals in South Korea and all Lung Examination Rooms.
- More than 370.000 commercial installations in South Korea alone.
- Winner of Best Innovation For Infection Control in the US 2018
- The only clean air technology to be featured in the Mayor of London's "Toolkit of Measures to Improve Air Quality at Schools"
- Tested against dozens of bacteria strains, viruses, VOCs and other air pollutants.
- The highest certified clean air technology in the world.



2. CONTROLLED AIRFLOW

Controlled airflow is one of the most overlooked factors in clean air technology. It is often compromised in favour of the unit's design and size.

The ideal technology takes the danger away from the breathing zone and replaces it with clean air. Where possible, it creates a laminar airflow by dragging contaminated air towards the bottom of the unit, sterilises it and then blows it back into the breathing zone. The clean, sterilised air then pushes contaminated air towards the ground and the cycle repeats.



The image above shows a Viruskiller unit controlling the airflow and creating an ideal scenario. The contaminants are constantly being pulled towards the unit by the fan and also pushed down by the clean air above, **keeping the breathing zone safe.**

3. SINGLE AIR PASS KILL RATES

Why is this so important? When dealing with viruses, single air pass kill rates are an absolute must. If a clean air device draws air and then pushes it back into the breathing zone without completely eradicating viruses, it significantly increases the risk of cross contamination by helping viruses spread in the entire room faster. **Other equipment which claim they kill viruses are only able to eradicate them completely after air has passed through them multiple times.** We believe that 99.9999% virus kill rates are irrelevant if the tests are not done in a single air exchange.

SINGLE AIR PASS KILL RATES

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|--------------|-----|
| HEPA Filters | NO |
| UV Light | NO |
| Plasma tech | NO |
| VIRUSKILLER | YES |

Polio Virus - 99.9999% kill rate
 Adeno Virus - 99.9999% kill rate
 Influenza Virus - 99.9999% kill rate
Corona Virus DF2 - 99.9999% kill rate