

# A powerful and unique 5-stage filtration technology

## Pre-filtration

A protective layer for a long-lasting HEPA filter.

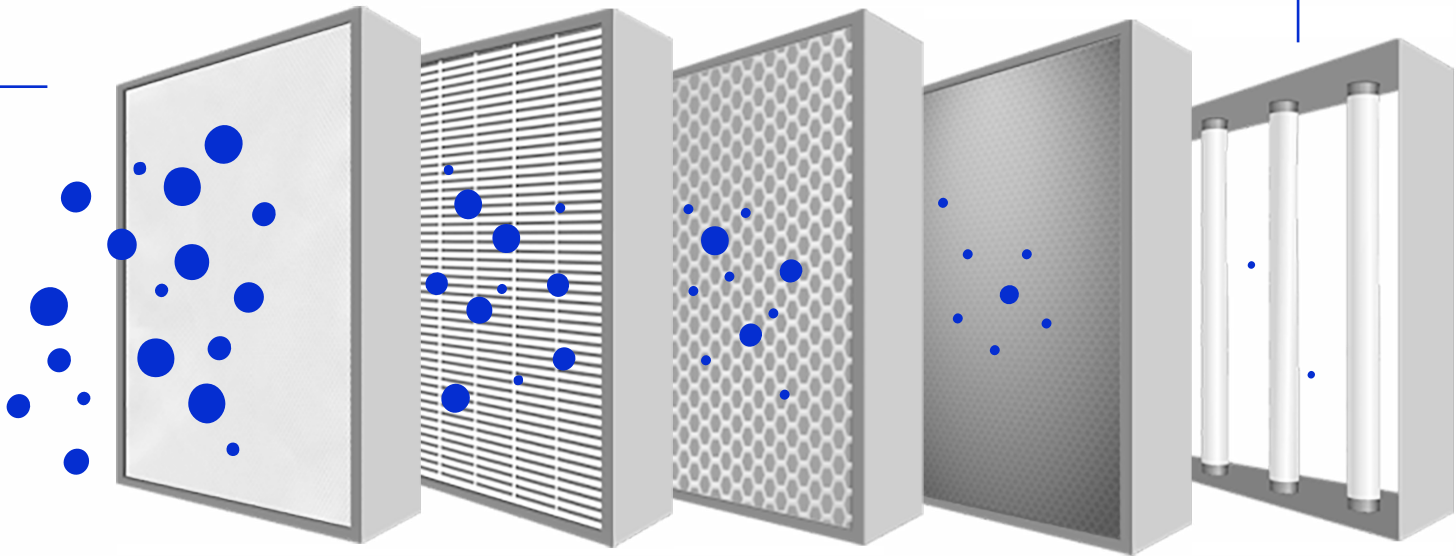
Pre-filters are designed to retain larger particles floating in the air (hair, dust, pollens) prior to HEPA filtration.

## UV-GI light

Unrivalled technology removing 99,99% of particles.

The ultraviolet light (UV-GI light) eradicates unhealthy microorganisms, viruses and bacteria. Once destroyed, these accumulated microorganisms cannot proliferate and spread through the room with the airflow.

The UV-GI lights are safely built-in and exposed only to the internal airflow; making it 100% safe and compliant with EU directives.



## HEPA filtration

TÜV certified filters providing clean air.

HEPA (High Efficiency Particulate Air) filters are highly effective in capturing 99,97% of fine particles. The coronavirus itself is 0.1 – 0.2 microns and typically travels with larger respiratory droplets of around 1 micron. The microscopic fibre maze of the HEPA filter efficiently captures any droplet as well as contagious nanoparticles.

## Active carbon filtration

A defense against chemicals and odors.

Thanks to its high porosity, the activated carbon filter absorbs harmful gaseous pollutants, removing contaminants like chemicals, volatile organic compounds (VOC) or smog.

## Photocatalyst filtration

A filtration process made from titanium apatite that chemically absorbs remaining pollutants, exhaust fumes and Volatile Organic Compounds (VOC's), specifically formaldehyde. This is a colourless, irritating, and odorous gas used in chemical compounds, inks, textiles, plastics, and construction materials. The filter accelerates the chemical decomposition by the in-built UV-GI light without producing ozone.