

# Back to the office

Facilitating a safe return to the office  
with Airvent's UV-C FiltAir air sterilizer units



# Return to work safely

The pandemic has presented us all with new challenges. While the vaccine delivers positive results, we need to be prepared for the possibility that official measures and possible workplace infections may still have an impact on the future operation of our company.

## Focus

- Limit infections in the workplace
- Reduce out of office work
- Retain our colleagues
- Get back to regular business safely
- Ensure safety, health and comply with hygiene standards



In enclosed spaces, we inhale each others exhaled air, therefore, continuous disinfection of the room air (in addition to personal and surface hygiene) is vital to:

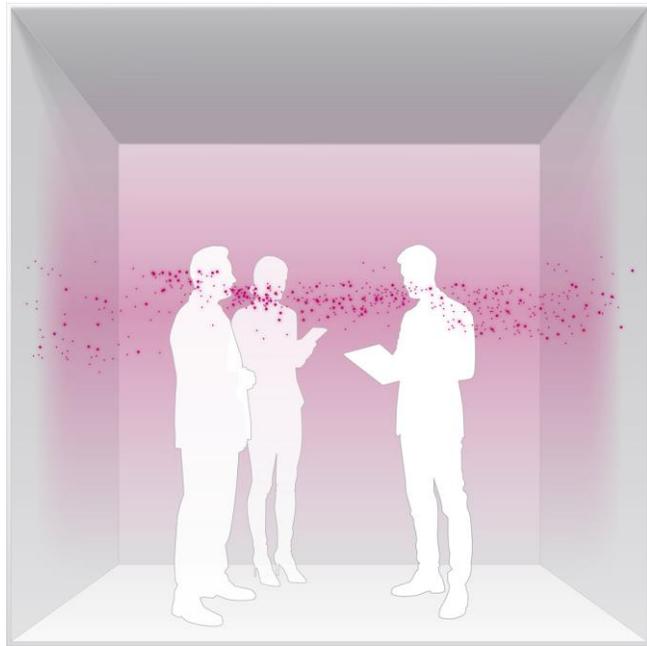
- Ensure the safety of our colleagues and our customers
- Get back to regular business safely e.g personal meetings between colleagues and customers
- Reduce out of office work and get back to a regular work flow
- Retain our professionals
- Ensure the safety of our partners at home
- Not only limit the spread of Covid-19, but also other infections and viruses

While we cannot prevent infection outside the workplace, we can prevent it within:

- Developed and manufactured by Airvent Zrt
- Sizes 15, 30, 45 and 75
- 100 m<sup>3</sup>/h – 1000 m<sup>3</sup>/h
- 5 air changes/hour
- 253,7 nm, there is no ozone formation
- Applicable in offices, meeting rooms, dining rooms, common areas, waiting areas etc.

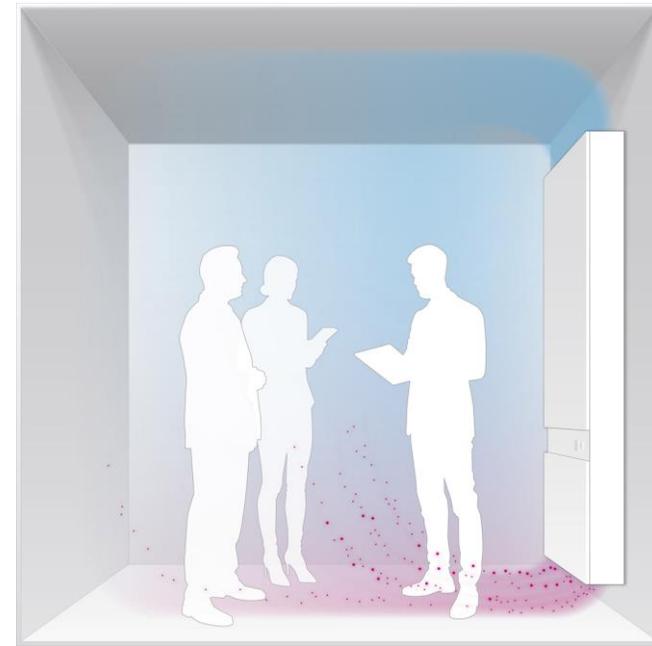


## Without air sterilization



During speech and exhalation, mixtures of droplets and aerosols of different particle sizes leaving the body can float up to 8 meters from the point of exhalation and survive for hours in an enclosed space, allowing infectious pathogens to spread in the air.

## With air sterilization



During operation, the UV-C FiltAir virtually completely (99.99%) kills pathogens in the passing air during a single movement of the air \*. There is no ozone formation.

\* The UV-C FiltAir's efficiency has been tested under laboratory conditions: Texas Research International Inc. Laboratory Test Report: Bioaerosol Removal Efficiency

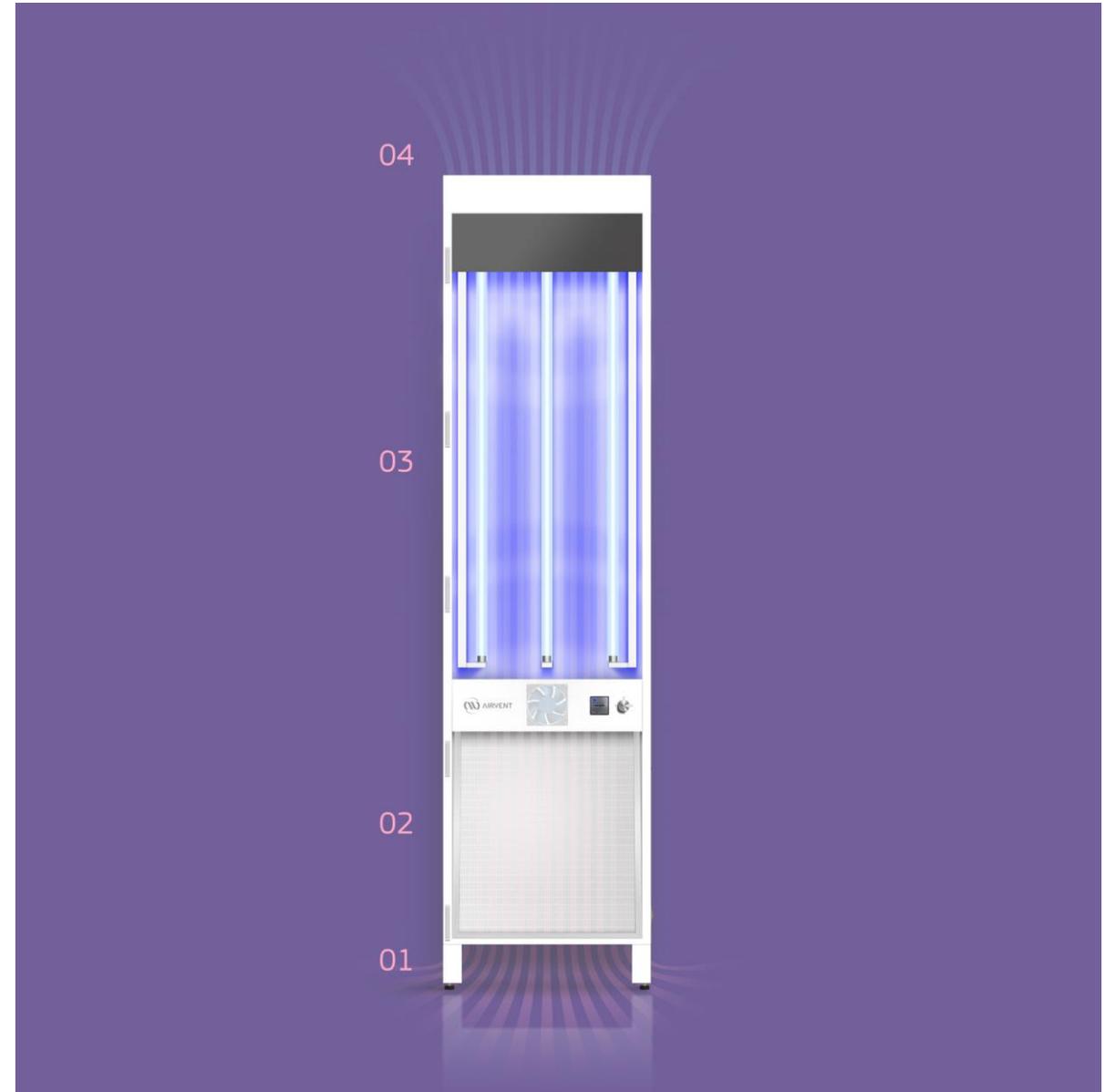


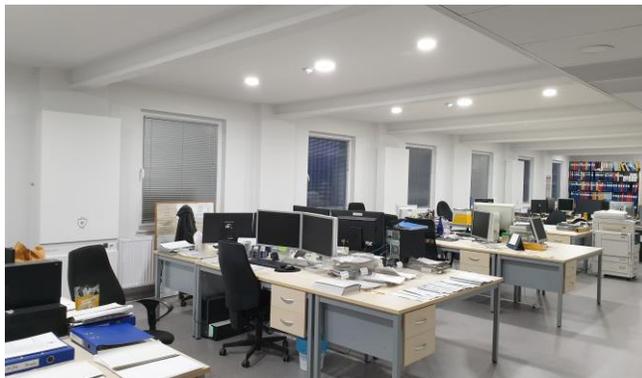
## Operation

1. An inlet positioned at floor level to ensure that the air is directed downwards
2. The ePM2,5 fine filter separates particles with a particle size of more than 2,5 micrometers through the passing air..
3. The UV-C lights, destroys the passing pathogens (fungi, pollen, bacteria and viruses) and prevents them from further infection.
4. The sterilized air is returned to the space along the ceiling, thus ensuring that the air is evenly distributed in the room and kept in constant circulation

## Other Features

- It is optically closed and the UV-C rays cannot escape, making it possible to use in the presence of people
- Can be regulated based on need
- The aesthetically pleasing appearance allows it to blend into any environment.
- The 4 different sizes makes it flexible for most space requirements
- Operates silently thanks to the energy-efficient EC fans.
- Easy to maintain

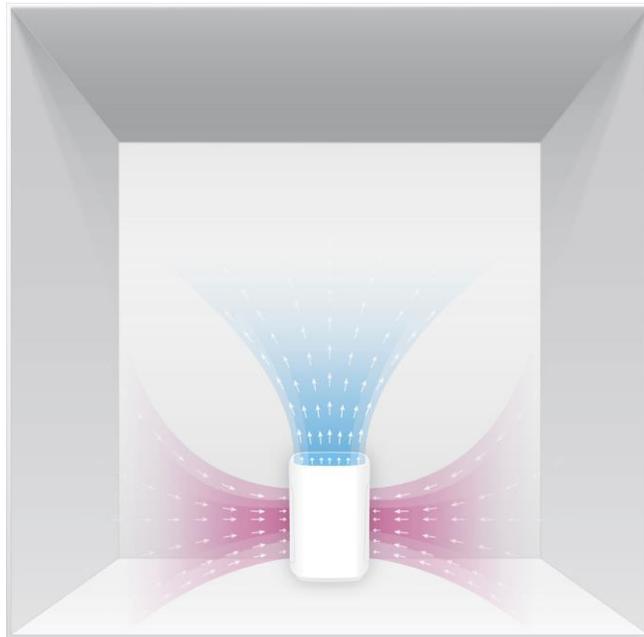






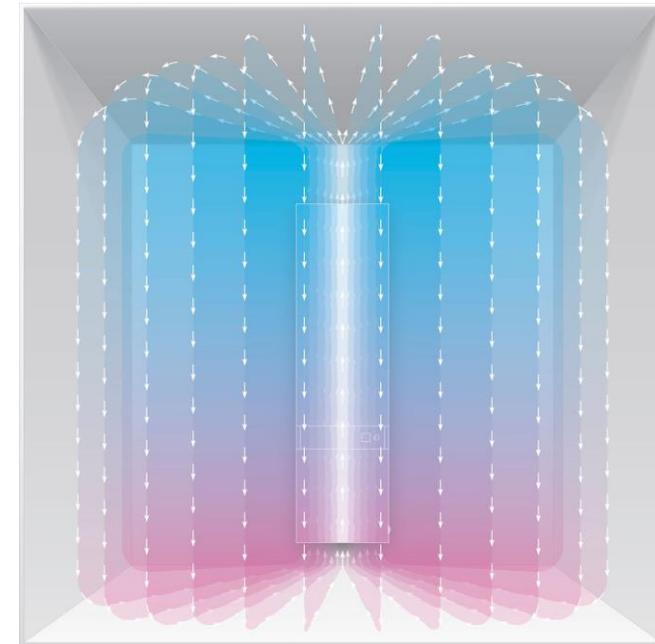
Play film: [https://youtu.be/yf\\_M-i2EPtg](https://youtu.be/yf_M-i2EPtg)

## Air sterilization with other devices

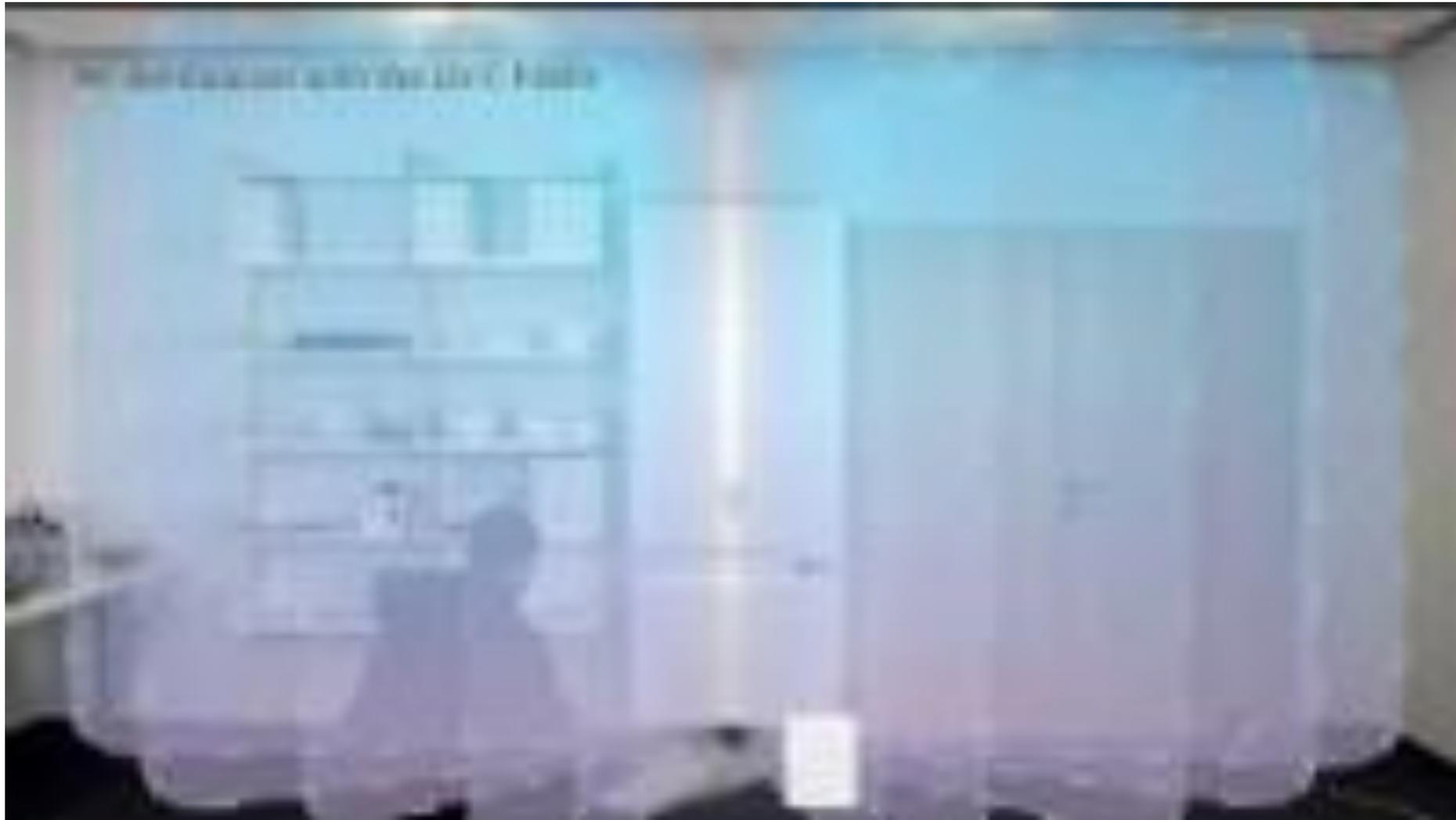


The disadvantage of other air sterilizers on the market is that, due to their design, they do not clean all the exhaust air in the room, only a part of it is circulated, and due to their size they are not able to provide an ideal air flow.

## Air sterilization with UV-C FiltAir devices



Thanks to its narrow, tower-like design, the UV-C FiltAir provides ideal airflow, thus moving and cleaning the entire air in the room. Properly selected UV-C FiltAir air sterilizer cleans the indoor air five times an hour.



Play film: <https://youtu.be/AbJNiBs4YWs>

**Thank you for your attention**

