



FAQ

What is the difference between air purification and air disinfection?

Air cleaning removes coarse pollution (dust particles) from the air. In the case of air disinfection, the harmful microorganisms (viruses, germs, bacteria, pathogens) are inactivated and rendered harmless by damaging the DNA at every stage of development.

What does the UV-C light do?

UV-C light is able to damage and destroy the genetic material of viruses, bacteria and germs. Due to the high-energy, ultraviolet radiation, the pathogens are neutralized and no longer have the opportunity to multiply.

What is the right device for me?

In order to find out which device is the right and suitable one for an optimal disinfection result, each environment must be assessed individually (floor area x actual room height).

The number of air changes per hour plays a role here. Three air changes are recommended for quiet areas, six to ten in areas with public traffic or increased activity (e.g. sports facilities).

What does Triple Shield Technology mean?

With the TripleShield technology, three types of sterilization are combined into a particularly effective complete package. With the help of HEPA filters, UV-C light and plasma, maximum air disinfection is guaranteed.

Do AirQSense sensors really help?

The AirQSense technology offers intelligent control of the device. Two independent sensors for fine dust and air pollution continuously measure the air quality in real time and even with the smallest changes give the control an impulse to adapt the cleaning performance accordingly.

The air quality is permanently displayed by changing colors.

Where is the best place to set up the MSP?

For an optimal effect, the furnishings (decorations, flowers, partition walls, ceiling hangers, etc.) must be taken into account, because they too influence the air flow and cleaning performance to a certain extent. The device must be positioned in such a way that a large part of the room air can be circulated.

Why is an H13 and not an H14 HEPA filter used?

An H14 is often used as a single filter in room fans. With multiple filter systems it makes little sense to install an H14 filter. An H14 filter significantly reduces the volume of air; the devices are therefore inevitably louder or not as efficient in terms of air flow. In multiple filter systems such as the MSP devices, the H13 filters provide a much higher cleaning performance than a single H14 filter.

In addition, with an H14 there is a risk of a breakthrough in the nanometer range, so that viruses and germs can pass the filter more easily. From the outside, however, no damage or reduction in performance can be seen with the naked eye.

Can the air purifiers remove the coronavirus?

The air purifiers reduce aerosols (virus-containing small droplets) in the room air considerably and sterilize the virus-laden air. MSP's cleaning stages eliminate all viruses, including coronaviruses, and reduce the risk of infection.

The level of impurities in the air leaving the entire system has been reduced to > 99.99%. The results have been confirmed in the laboratory by SGS.

