

## Virus Cleaner VC 60 air purifier

ACTIVE  
PROTECTION

HEALTHY ROOM  
CLIMATE

FILTER  
COMPLIANT with  
**DIN EN 1822**

**99,95%**  
FEWER VIRUSES, BACTERIA,  
POLLEN AND  
OTHER GERMS

EFFICIENT  
FILTERING

### Sustainable reliability for health and well-being

Recent studies and investigations show that professional air purifiers, equipped with efficient and verified filtration principles, significantly reduce the risk of infection. Thanks to its unique combination of a highly efficient electrostatic main filter and additional HEPA post-filter, the **Virus Cleaner VC 60 actively protects against viruses, bacteria, pollen and other germs**. Contamination of indoor air is reduced by at least 99.95%, and the risk of infection is minimized significantly.



**JUNKER  
GROUP**

LTA Lufttechnik GmbH  
Junkerstraße 2  
77787 Nordrach  
Germany

info@lta-filter.com  
+49 7838 84-245

LTA Industrial Air Cleaning Systems s.r.o.  
Lidická 66  
252 68 Středokluky  
Czech Republic

info@lta-filter.com  
+420 233 012-113

[www.lta-filter.com/vc60](http://www.lta-filter.com/vc60)

## Active protection where people get together

Protective masks, such as those which cover the mouth and nose, mainly protect against infection transmitted through droplets. Infection from contaminated aerosols, which accumulate in the room over time, cannot be prevented with distancing rules and protective masks. Virus-laden droplets and aerosols are considered the main carriers of coronavirus. Larger droplets fall to the ground at a distance of approximately 1.5 meters. However, tiny aerosol particles remain airborne for many hours because they are so small and light. A crucial factor in the risk of contagion is how long virus-laden aerosols remain in the room.

It is possible to significantly reduce the concentration of aerosol in the room either by leaving windows permanently open, or by using air purifier technology. Solely using windows for ventilation, however, has the following disadvantages: First, the size of the room and the position of the windows often is not efficient enough. Second, having the windows open at colder times of the year wastes a lot of energy and increases heating costs.

The **Virus Cleaner VC 60** air purifier from LTA Lufttechnik GmbH solves these issues, consistently filtering out virus-laden aerosols with a diameter of down to 0.01 µm. A uniform flow pattern is created by extracting the air at ground level. The indoor air from more distant areas is also effectively extracted and filtered. The Virus Cleaner VC 60 air purifier blows the cleaned air vertically out at ceiling level and distributes the cleaned air to the entire room.



*Protection by  
significantly reducing  
the risk  
of infection*

99.95% fewer viruses, bacteria, pollen and other germs

Active protection  
Efficient filtering  
Healthy room climate

## Efficient filtering where people get together

Thanks to its unique combination of a highly efficient, electrostatic main filter and additional HEPA post-filter, the **Virus Cleaner VC 60** actively protects against viruses, bacteria, pollen and other germs. Contamination of indoor air is reduced by at least 99.95%. In addition, the filtered air and the filter elements are disinfected by the proportion of air in the filter. When using an air purifier, the risk of infection drops to virtually zero, and a substantial improvement in the air quality is clearly noticeable.

The electrostatic filtration principle, combined with the particle filter, ensures thorough cleaning of the indoor air and efficient filtration of aerosols such as dust or smoke. The mobile design makes the Virus Cleaner VC 60 air purifier highly flexible. This allows it to be used anywhere that additional protection is needed. Examples include production facilities, kitchens or reception areas – anywhere distancing rules are impossible to implement consistently, or areas that cannot be ventilated with sufficiently.

The air filter reliably meets all applicable requirements from industry and authorities, without compromise. The effectiveness of the filtration method has been confirmed by the Association of German Engineers (VDI) and DIN EN 1822. The Virus Cleaner VC 60 air purifier is designed for removal of microorganisms and biogenic substances, as an additional protective measure to build confidence.



*Protection with  
proven,  
reliable filtration  
principles*





## Healthy room climate where people get together

The **Virus Cleaner VC 60** air purifier from LTA is used to significantly reduce the concentration of viruses, bacteria, pollen and other germs in the air. The highly efficient electrostatic filtration system captures the pathogens and reduces unpleasant odors, while boasting a disinfecting effect. In combination with the additional HEPA post-filter, the air filter achieves a collection efficiency of at least 99.95%. The virus concentration, particularly in enclosed spaces, is reduced significantly, limiting the possible risk of infection. The result is a pleasant and healthy room climate, which also leaves the air free from any unpleasant odors.

The Virus Cleaner VC 60 electrostatic air purifier is ideal for efficiently filtering harmful substances from the room air in highly frequented areas such as production sites, meeting rooms, cafeterias, fitness studios or open-plan offices. The large filter surface area and the combined filtration process make the air purifier a reliable and substantial protective shield which significantly lowers the viral load.

Simple to maintain and quick to install, it guarantees a long service life and durable performance. The air purifier only needs a 230 V power outlet, is highly energy-efficient, and the ventilation power can be continuously adjusted without the need for tools. The mobile design provides flexibility, allowing it to be used anywhere that additional protection is required.



*Actively protects  
against viruses,  
bacteria, pollen and  
other germs*

99.95% fewer viruses, bacteria, pollen and other germs  
Active protection  
Efficient filtering  
Healthy room climate

## The Virus Cleaner VC 60 air purifier application examples

Fitness studios



Open-plan offices



Kiosks / Stores



Restaurants



Doctors' offices



Schools



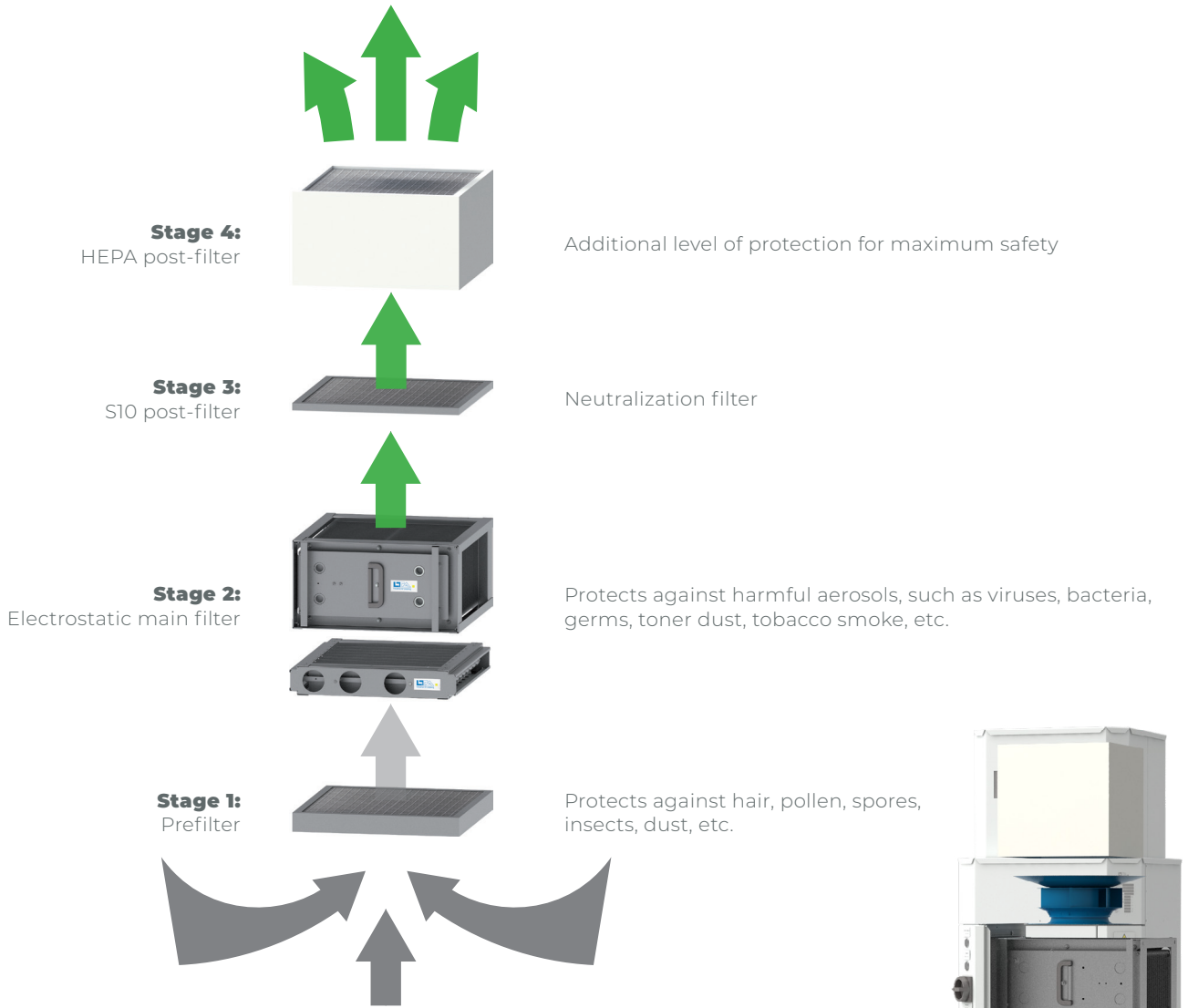
Bars





# Four-stage operating principle

behind the Virus Cleaner VC 60 air purifier



99.95% fewer viruses, bacteria, pollen and other germs  
Active protection  
Efficient filtering  
Healthy room climate

# Technical data

for the Virus Cleaner VC 60 air purifier

Extraction capacity	600 m <sup>3</sup> /h
Collection efficiency	≥99.95% <i>compliant with DIN EN 1822</i>
Air change rate	up to 12 times per hour
Room size	up to 125 m <sup>2</sup> or 300 m <sup>3</sup> <i>recommendation dependent on occupation frequency</i>
Sound level	approx. 40 dB(a) <i>during standard operation</i>
Energy consumption	approx. 120 Watt
Color	RAL 7035 <i>heavy duty textured paint</i>
Dimensions	500 x 500 x 1700 mm <i>W x D x H</i>
Electrical connection	220–240 V (110 V) <i>plug and play</i>
Warranty	24 months <i>from delivery</i>
Weight	approx. 70 kg <i>empty weight</i>



LTA Lufttechnik GmbH  
Junkerstraße 2  
77787 Nordrach  
Germany  
info@lta-filter.com  
+49 7838 84-245

LTA Industrial Air Cleaning Systems s.r.o.  
Lidická 66  
252 68 Středokluky  
Czech Republic  
info@lta-filter.com  
+420 233 012-113



## **Virus Cleaner VC 60 air purifier** active protection for your health

