**Targeted approach to eliminating aerosols indoors**

**More effective filtering – virus-free air   
thanks to item CleanAirMobile**

**Clean indoor air is essential for maintaining long-term health, particularly in the ongoing coronavirus pandemic. Opening windows wide for brief periods to replace virus-filled air with clean air is one option. However, this measure is not so easy to put into practice in all locations, especially in winter. item [CleanAirMobile](https://welcome.item24.de/clean-air-mobil) is a new air purifier that systematically filters out aerosols from the air. Whether in the classroom, conference room or office, the highly efficient H14 HEPA filter ensures air is absolutely clean. A number of German regions are providing financial support for purchasing air purification equipment.**

The coronavirus is continuing to spread, with rising numbers of cases and a high risk of infection. This calls for measures to protect ourselves effectively, in addition to following the general hygiene rules of opening windows wide for brief periods, maintaining social distancing and wearing face masks. One option for reliably eliminating aerosols and, consequently, viruses too from the air is to use the item CleanAirMobile air purifier. The filtration efficiency of the integrated high-performance HEPA filter is 99.995 percent. The device cleans the air of viruses, bacteria, particulates and pollen. Fitted with castors, the mobile air purifier from item is therefore easy to move to different locations. It is height-adjustable and, when extended, reaches the height of 2.5 metres necessary for optimum air flow. This, and the high volumetric flow rate, means item CleanAirMobile is significantly more effective than conventional units installed at low heights. Noise levels during operation are below 46 dB(A), making the units soothing and quiet. The air purifier offers easy plug-and-play installation, so all that remains to be done on site is to install the filter box, connect the unit to the mains and switch on the power.

**Effectiveness successfully tested**

[Practical tests](https://blog.item24.com/item-welt/mobiler-luftreiniger-fuer-schulen-und-bueros/) have shown that item CleanAirMobile is highly effective. The number of particles in the air in a 60-square-metre classroom was reduced by over 90 percent within 15 minutes. In just the first five minutes, the number of particles in the room fell by 60 percent. The mobile air purifier from item is thus a perfect addition to regular window opening. It provides reliable protection against viruses, particularly in rooms where regular ventilation is impossible or difficult. Buying mobile air purification equipment for schools is financially supported by several German regions. Corresponding [funding programmes](https://blog.item24.com/item-welt/so-profitieren-sie-von-foerderprogrammen-fuer-mobile-luftreiniger/) are available in Baden-Württemberg, Bavaria, Berlin, Hamburg, Hesse, North Rhine-Westphalia, Rhineland-Palatinate and Saarland.

See here how item CleanAirMobile was tested under real conditions in the classroom at the Humboldt school in Solingen: <https://youtu.be/NXGU5zY22Vg>.

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**Photos:** 3 (source: item)

**Caption 1:** The item CleanAirMobile air purifier makes it possible to reliably eliminate aerosols and, consequently, viruses too from the air.

**Caption 2:** The mobile air purifier from item is fitted with castors and is height-adjustable. When extended, it reaches the height of 2.5 metres necessary for optimum air flow.

**Caption 3:** The air purifier offers easy plug-and-play installation. All that remains to be done on site is to install the filter box, connect the unit to the mains and switch on the power.

**About item**

item Industrietechnik GmbH is the pioneer in building kit systems for industrial applications and a partner of the manufacturing industry across the entire globe. Today, the item product portfolio comprises more than 4,000 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. The company has received a string of awards for products with ground-breaking industrial design and end-to-end ergonomics.

item is spearheading digital engineering by driving forward the digitalisation of processes with software tools developed in-house. The item Academy offers training at various levels with on-demand training and online courses available in multiple languages.

Headquartered in Solingen, Germany, item has subsidiaries in various countries. Some 900 employees worldwide harness their know-how and passion to develop innovative solutions and services. Twelve sites make sure the company is always close to customers in Germany, with a global logistics chain ensuring swift delivery times for all components.

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