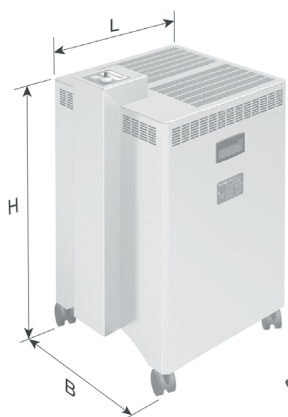


## Technical features

Air cleaner UC-OH <sup>2</sup>	Ultra cleaner for offices, hotels and living spaces
Material	Modern design, black (RAL 9005 = standard) or stainless steel or colour of your choice (at an extra charge)
Dimensions	H = 690 mm (650 mm without castors) W = 400 mm   D = 455 mm
Weight	30 kg
Air volume	0 to 500 m <sup>3</sup> /h (infinitely adjustable)
Voltage current	230 V   50 Hz (for EU)   1.4 A
Power	10 W to 168 W
Noise	50 dB(A) at medium power level
Cleaning	99.97% (separation)
Filter stages	F9 EUREVEN® washable pre-filter Activated carbon filter for odour reduction HEPA® H13 high-performance filter



available now  
net: €2490

## Spare parts

- Activated carbon filter
- HEPA® filter
- EUREVEN-F pre-filter

SCHAKO stands for competence in the ventilation and air conditioning technology. The quality standard and the reliability of our products are well-known throughout Europe. In our own test laboratories we develop solutions which sustainably optimise the indoor climate in work environments and public spaces. With sites in Germany, Spain, Hungary and Turkey we deliver quickly and flexibly in all of Europe.

We carry a broad standard range and are optimally geared to meet special air demands with individual and intelligent solutions.

### Pure competence in air

As specialists, the companies of **SCHAKO Group – ADMECO, NOVENCO Building & Industry, REVEN, SCHAKO, SCHNEIDER Elektronik and SIROCCO** – provide a unique portfolio of ventilation, air conditioning, smoke extraction and fire protection products and system solutions for the commercial construction, public buildings, canteen kitchens, laboratories, the process industry, stairwells, underground car parks and tunnel systems.

### SCHAKO Ferdinand Schad KG

Steigstraße 25- 27  
D-78600 Kolbingen  
Germany  
schako.com  
Version: 2021-03-01



Pure competence in air.



## UC-OH<sup>2</sup>

Autonomous air cleaner for the reduction of harmful pollutants in the room air

Aerosols, fine dust and odours are the worst cause of bad air, whether at workplace, at home or in restaurants. With the SCHAKO UC-OH<sup>2</sup> air cleaner, an effective air cleaning is quite simple. The device works autonomously, needs only one socket and has all necessary filter elements up to H13 already built in.



#### At the workplace

A laser printer in the office can lead to particle pollution of the room air which, in unfavourable circumstances, is equivalent to the pollution caused by smoking. Scientists have found that air pollution in an office building (with a smoking ban!) during work can be up to five times higher than next to a busy road.

#### In catering

Cigarette smoke, fine dust, kitchen odours and particles lead to very high and unpleasant air pollution levels in hotels and restaurants.

#### At home

In living spaces, fungal spores, fine dust, germs, pollen and allergens cause constant air pollution.

#### If you are allergic

Airborne allergens such as pollen, mould spores, dog and cat hair as well as dust mites can greatly affect the air quality for allergy sufferers.

#### At the workplace

Office employees or workers need to stay healthy to have high productivity. Fresh air to take a deep breath is thus indispensable. This makes the workplace more productive and efficient.

#### In catering

Even in the evening after work, you cannot do without healthy air. And certainly not in the catering trade. Your guests feel much more comfortable in the fresh ambience, stay longer and will certainly come back.

#### At home

You and your family will feel much more comfortable at home if the room air is optimal and meets the best standards. Because it is crucial that at home everyone feels comfortable and stays healthy, especially the children.

#### If you are allergic

The quality of life of asthmatics and allergy sufferers is decisively improved – they breathe better and sleep better. And that also happens in Corona-free times.

## How we minimise the risk!

To begin with: Until now, science cannot say precisely what actually leads to an infection with viruses (especially with Covid-19). But what we know: The probability of infection increases very significantly with a high viral load in the air. Therefore, this viral load must be reduced somehow – preferably to zero. Unfortunately, zero virus load in the room is technically not possible.

One thing is certain: HEPA® H13 filters alone can effectively remove most viruses from the room air during the filtering process. However, viruses such as Sars2 spread very quickly in the so-called aerosols (smaller than 0.5 µm) when people cough or sneeze so that even the best air cleaner cannot keep up with the filtering. Nevertheless: Every single virus filtered out of the room air is a clear advantage for your health whether at work or at home.

The quickest method for freshening up the air is still targeted shock ventilation with fresh air. The best technical method would be a well-thought-out ventilation system, such as the one offered by SCHAKO. Since it is important not only to dilute the air and reduce the virus load, but also to enrich the air with oxygen.

Good air cleaners such as the SCHAKO UC-OH<sup>2</sup> are a sensible addition to standard ventilation.

**Conclusion: One should not rely exclusively on air cleaners as virus killers. Regular ventilation with outside air is a sensible and important addition.**