

KEMPER®

AirCO2NTROL

HEPA H14 Filter

→ ABSCHIEDERAD
99,995%

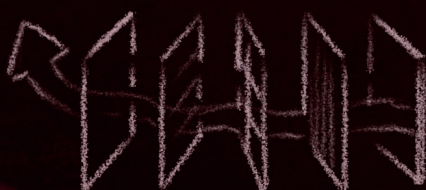
Bis zu 1500m³/h
Absaugleistung

cool. clever. clean.



COVID-19

VIREN



Beste Filtertechnik
AirCO2NTROL



Virus and bacteria-free breathable air with AirCO2NTROL from KEMPER

Plug and play - Just **configure it once** and clean the room air permanently and without hesitation with the best filter technology. Thanks to the **permanent air volume flow control**, AirCO2NTROL ensures a high and reliable six-fold air exchange per hour and this in rooms of up to **100m²** in very quiet continuous operation. The automatic motion sensor enables carefree operation without having to think about switching the unit on and off. When it comes to effective air cleaning, trust KEMPER, the German world market leader for extraction technology.

Highlights:

- Constant volume flow control, independent from the filter saturation
- Switch on and off via motion sensor
- Six-fold air exchange per hour for up to 100m²
- Large HEPA-H14 filter (20 m² filter surface) with over 99.995 % separation of aerosols, viruses and bacteria
- Separate filter monitoring for prefilter and main filter
- Permanent UV-C radiation inactivates viruses and bacteria and ensures a contamination-free Filter change
- Very quiet continuous operation < 50 dB(A)
- Manipulation protection thanks to safety locks on the maintenance covers
- Intake opening on all sides – 360 degree
- High mobility with stable swiveling castors
- Plug & Play - pre-assembled



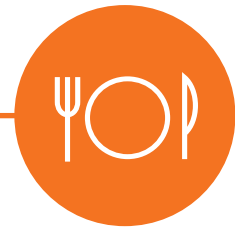
Application areas



Schools, kindergartens,
public buildings



Hotels and guest houses



Bistros, restaurants,
Bars and cafés



Sport and
leisure facilities



Healthcare like
doctors' surgeries and hospitals



Customer service,
Retail trade and industry

Excellent filter technology

XXL HEPA H14 filter – 20 m²

The main filter of the unit is a high quality HEPA H14 (High-Efficient-Particulate-Air) class filter with a separation **efficiency of over 99.995%** and filters out all aerosols, viruses and bacteria in the air.

H14 filters are individually tested in a complex test procedure before delivery for impermeability and separation efficiency tested according to DIN EN 1822. This ensures an enormously high level of safety.

Prefilter F7

The class F7 pre-filter ensures that coarse particles are separated in advance and that the lifetime of the HEPA H14 main filter is significantly extended. This **reduces the ongoing costs** for replacement filters.

UV-C filter - optional

The UV filter unit uses very short-wave, high-energy UV rays to inactivate the viruses and bacteria in the **intake air** and irradiate the HEPA H14 main filter and pre-filter. This also enables a safe, **virus-free filter change**.

The **filter monitoring** of the AirCO2NTROL is carried out with **separate indicator lights for the pre-filter and main filter**, so that the filters can be changed as required. In this way, the service life of the respective filters is utilised to the maximum and excessive power consumption due to high filter resistances is avoided.

Up to 1500m³/h extraction capacity

Viruses such as the corona virus can remain active in the air for up to three hours and via air movement, they cover long distances. They are only 80 - 160 nanometers in size.

The six-fold air exchange per hour ensures that the AirCO2NTROL cleans the room air as often as possible and leads to a significant reduction in the viral load. Thus the risk of infection in the same room is maximally reduced.

Depending on the size of your room, you can continuously adjust the output of the KEMPER AirCO2NTROL between 300 - 1500 m³/h. The unique feature: Through permanent volume flow control in the unit, the output remains correct and constant even if the filter saturation increases. The maximum output of 1500 m³/h enables the use in rooms of up to 100 m² or 250 m³ room size.

Technical data

Basic data	
Airflow min.	300 m ³ /h
Airflow max.	1500 m ³ /h
Dimensions (B x T x H)	793 x 836 x 1.660 mm
Motor Power	0,75 kW
Voltage	1 x 230 V / 50 Hz
Running current	6A
Sound pressure level at 1.200 m ³ /h	49 dB(A)
Power consumption in Watt per m ³ /h	0,3 W/m ³ /h
Weight	148 kg
Filter stages	2 resp. 3
Filter method	Disposable filters
Main Filter	HEPA-Filter H14
efficiency	> 99,995 %
Filter surface	20 m ²
Pre-Filter	ePM1, 50% (F7)
UV radiation	UV-C, 27 Watt Leistung
Sensors	Motion sensor

If you have any questions, we will be happy to help you.

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