Air cleaner AirgoClean® One

Professional virus filtration for offices, medical practices and living spaces.

TESTSIEGER
UNIVERSITÄT DER BUNDESWEHR MÜNCHEN
★★★★★

100% MADE IN GERMANY

Application / room size

Virus filtration SARS-CoV-2		H13	H14
6 air changes suitable for rooms sized up to	maximum	45 m² / 112 m³	40 m² / 100 m³
	Recommendation by Trotec*¹	28 m² / 70 m³	23 m² / 58 m³
10 air changes suitable for rooms sized up to	maximum	27 m² / 67 m³	24 m² / 60 m³
	Recommendation by Trotec*¹	17 m² / 43 m³	14 m² / 35 m³
CADR values			
Fine dust, pollen, animal hair (CADR)	maximum	78 m² / 195 m³	
	Recommendation by Trotec*¹	50 m² / 125 m³	

Technical data

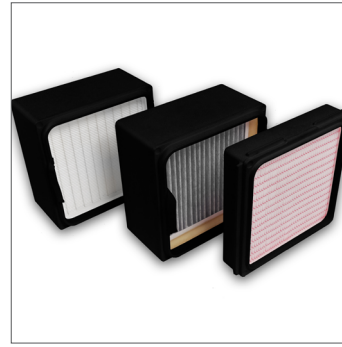| Article number		1.580.001.100	
Pre-filter	ISO ePM10 85%	F7	
Filter efficiency	HEPA EN 1822	H14	
HEPA filter		H13	H14
Air flow rate	Fan stage 1	45 m³/h	35 m³/h
	Fan stage 2	150 m³/h	115 m³/h
	Fan stage 3	285 m³/h	230 m³/h
	Fan stage 4	420 m³/h	355 m³/h
	Fan stage 5	550 m³/h	475 m³/h
	Turbo mode	650 m³/h	600 m³/h
Input voltage		230 V / 50 Hz	
Power consumption		170 W	
Electric connection	Plug type	CEE 7/17	
	Cable length	1.5 m	
Sound level (distance 1 m) [dB(A)]		32–57 dB(A)	
Length		435 mm	
Width		400 mm	
Height		835 mm	
Weight		16.9 kg	

Room sizes

*¹ Usually, the maximum value is advertised as the "recommended room size". In order to achieve a good combination of air pollution control and background noise, the room sizes we recommend are based on a sound level of approx. 46 dB(A).

Equipment and functions

Fan stages	6
Turbo mode	∎
Digital display	∎
Ionizer / plasma generator	– / –
Filter change indication	∎
Air quality sensor (VOC)	∎
Particle sensor PM2.5	∎
Air quality display	∎
Air quality history 24 h / 14 days	∎
Temperature / humidity indication	∎ / ∎
Automatic operation (not recommended for virus filtration mode)	∎
Timer function	∎
Memory function	–
Night mode	∎
Child lock	–
Infrared remote control	∎

Accessories

Prefilter mat*²	7.700.000.005
prefilter F7 (ISO ePM10 85%)*²	7.710.000.011
Activated carbon filter (odour neutraliser)*²	7.710.000.012
HEPA filter H13 (EN 1822)*²	7.710.000.015
HEPA filter H14 (EN 1822, virus filter)*²	7.710.000.013
Silencer*²	7.710.000.017

Scope of delivery

Air cleaner, prefilter mat, prefilter F7, HEPA H14 filter, silencer

Automatic mode and virus filtration

Aerosols, particles and CO_2 values tell you nothing about the risk of infection by airborne viruses! Even if advertising sometimes claims the opposite.
Therefore, do not use the automatic mode if the device is used for virus filtration. The integrated sensors only respond to air pollution caused by fine particulates, pollen or VOC. The device cannot determine the virus load inside the room. It is possible that the automatic mode indicates a "good" air quality even though the virus load in the room is very high. For this reason we recommend using the fan stage requested by the respective specifications with regard to the circulation rate (air volume) when the device is used for virus filtration in order to reduce the risk of indirect infections.

*² Made in Germany

Standard equipment / features

- ∎ Professional virus filtration in offices, medical practices and living spaces.
- ∎ Removes 99.995% of all airborne viruses, bacteria and fine dust particles
- ∎ Winner in air cleaner comparison test – University of the German Armed Forces in Munich
- ∎ Durable and low-maintenance
- ∎ Extremely long filter lifetime

- ∎ Air quality indication (VOC and PM2.5) with automatic mode
- ∎ Temperature and humidity indication
- ∎ Automatic output control through sensor-supported air quality monitoring (not recommended for virus filtration mode)
- ∎ Multi-stage HEPA filter system certified according to EN 1822

- ∎ The filters are certified "Made in Germany" and the HEPA filters are tested individually
- ∎ Omnidirectional clean air distribution with 360° working radius
- ∎ Optional elimination of unpleasant odours
- ∎ Made in Germany

TÜV SÜD ISO 9001