



## Application / room size

Virus filtration SARS-CoV-2		HEPA
6 air changes suitable for rooms sized up to	maximum	49 m <sup>2</sup> / 123 m <sup>3</sup>
	Recommendation by Trotec*	30 m <sup>2</sup> / 75 m <sup>3</sup>
10 air changes suitable for rooms sized up to	maximum	29 m <sup>2</sup> / 74 m <sup>3</sup>
	Recommendation by Trotec*	20 m <sup>2</sup> / 50 m <sup>3</sup>

## Technical data

CADR values		
Fine dust, pollen, animal hair (CADR)	maximum	88 m <sup>2</sup> / 220 m <sup>3</sup>
	Recommendation by Trotec*	60 m <sup>2</sup> / 150 m <sup>3</sup>

Article number		1.580.001.050
Pre-filter	2 x synthetic fibre	
HEPA filter	2 x HEPA carbon	
Filter efficiency	99.97%	
Air flow rate	Fan stage 1	384 m <sup>3</sup> /h
	Fan stage 2	503 m <sup>3</sup> /h
	Fan stage 3	624 m <sup>3</sup> /h
	Turbo mode	740 m <sup>3</sup> /h
Input voltage	mode	220 – 240 V / 50 Hz
Power consumption	45 W	
Electric connection	Plug type	CEE 7/17
	Cable length	1.8 m
Sound level (distance 1 m) [dB(A)]	Fan stage 1	42 dB(A)
	Fan stage 2	45 dB(A)
	Fan stage 3	51 dB(A)
	Turbo mode	56 dB(A)
Length	360 mm	
Width	360 mm	
Height	710 mm	
Weight	12 kg	

## Equipment and functions

Fan stages	3
Turbo mode	■
Digital display	■
Ionizer / plasma generator	■ / ■
Filter change indication	■
Air quality sensor (VOC)	■
Particle sensor PM2.5	■
Air quality display	■
Automatic operation (not recommended for virus filtration mode)	■
With light detection function	■
Timer function	-
Memory function	■
Night mode	■
Child lock	■
Infrared remote control	-

## Accessories

HEPA carbon filter (99.97%) (two required)	7.160.000.539
Air filter (two required)	7.160.000.538

## Automatic mode and virus filtration

Aerosols, particles, and CO<sub>2</sub> 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.

## Room sizes

\* 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. 45 dB(A).

## Standard equipment / features

- Three-stage room air filter system with prefilter, activated carbon filter and HEPA filter
- Effective HEPA filtration of pollutants and odours
- Purification volume max. 740 m<sup>3</sup>/h
- Automatic operation (not recommended for virus filtration mode)
- Air quality indication (fine dust, VOC, pollen)
- 3 fan stages with turbo mode
- Improved air cleaning thanks to ionizer (switchable)
- Uncomplicated, quick filter change
- Child lock
- Noiseless night operation in whisper mode
- Low-noise operation
- Low energy consumption