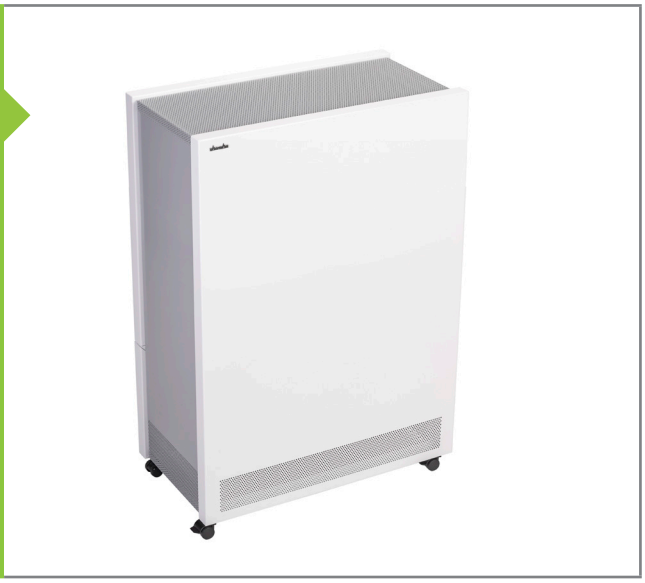
Air purifier KA-520 XL Pro

Product data

Product benefits

- large HEPA filter in compliance with DIN EN 1822, class H14 (99.995 %)
- the latest energy-efficient, sound-optimised EC technology
- robust, high-quality & stable powder-coated housing – versatile use (private and commercial)
- easy 2 buttons operation with filter monitoring
- complies with DIN EN 60335 & German Accident Prevention Insurance Regulations for Nursery Schools and Schools (e.g. pen and finger-safe).
- plug and play
- high-quality "Made in Germany" materials
- hygienically safe in compliance with VDI 6022
- supplied complete with HEPA filter and integral pre-filter



The KA-520 XL Pro offers a larger air flow rate for rooms up to 50m². It can be used in customer zones where low noise levels and visually appealing design are of importance.

Features

- plug in – switch on
- tool-free maintenance
- transportable by two people
- trip-proof, sure footed, non-tilting (DIN EN 60335)
- no sharp edges (Accident Prevention Insurance Regulations for Nursery Schools and Schools and DIN EN ISO 12100-2)
- trip-proof with cold appliance plug
- no radiation or ozone generation
- performance verified according to DIN EN ISO 14644

Installation	free-standing
Air flow	recirculating air, secondary air
Control	Very simple operation using two keys. Stage I or Stage II air volume can be selected. The factory pre-set values can be adjusted on site. The unit can run in timer or continuous mode. An LED indicator displays when the filter needs to be replaced.

HYBETA
HYGIENISCHE EIGNUNG ZERTIFIZIERT
in Anlehnung an VDI 6022-1:2018-01

At a glance

Dimensions (H x W x D)	1050 x 720 x 390 mm
Weight	55 kg
Colour	Housing RAL 9016 (traffic white) in conjunction with diffuser RAL 9006 (grey)
HEPA filter	Class H 14, according to DIN EN 1822 (99.995 %)
Protection class	IP 20
Power supply	230V/50Hz

Applications

Many versatile uses – in the private or commercial sector

Technical data

KA-520 XL Pro - up to an air volume of 720 m³/h					
Stage 1	Stage 2		Power consumption	Current consumption	Reduced infection risk**
[m³/h]	[m³/h]	dB (A)*	[W]	[A]	[%]
	720	53	171	1,28	90
	700	52	161	1,19	89
675	**675**	**50**	**138**	**1,02**	**88**
535	535	46	92	0,68	86
430	430	43	73	0,55	84
330		**39**	**32**	**0,25**	**76**
215		33	15	0,13	63

Adjustable air volumes

The coloured cells shows the factory pre-set values (air volumes) and associated sound level [dB(A)].
Find instructions on how to adjust the air volumes at: **www.youtube.com/watch?v=j7l2A4WK9bU**

* Sound pressure level. Conversion of sound power to sound pressure with a level reduction of 10 dB(A) with a room volume of 200 m³ and a mean reverberation time of 0.8.

** Applies only to transmission by expired aerosols. Coughs, sneezing and other transmission paths are not taken into account. Reduced infection risk is given compared to an unventilated room. General conditions: Air purifier in operation and room saturated with infectious aerosols. An infected person is located in the room. Reduced infection risk to a person entering the room after one hour. Mixed air is assumed (normal status). Based on the study:
Predicted Infection Risk for Aerosol Transmission of SARS-CoV-2
Martin Kriegel, Udo Buchholz, Petra Gastmeier, Peter Bischoff, Inas Abdelgawad, Anne Hartmann
medRxiv 2020.10.08.20209106; doi: **https://doi.org/10.1101/2020.10.08.20209106**

Dimensions