

# AL-KO

QUALITY FOR LIFE

## AL-KO AIRSAFE Air purifiers – Healthy air for safe social contacts and encounters in public spaces



### The advantages for you:

- | **Optimum purification of room air** in large spaces, e.g. in schools or child care centres
- | **Simple and flexible to install**
  - | Space-saving thanks to streamlined design
  - | Mobile on castors
  - | Plug-in design, no building alterations required
- | **Very low noise values** thanks to professional acoustic technology from the German ventilation technology specialist

**FILTERS 99.95%  
OF ALL VIRUSES,  
BACTERIA, POLLEN,  
SPORES, AND  
AEROSOLS**

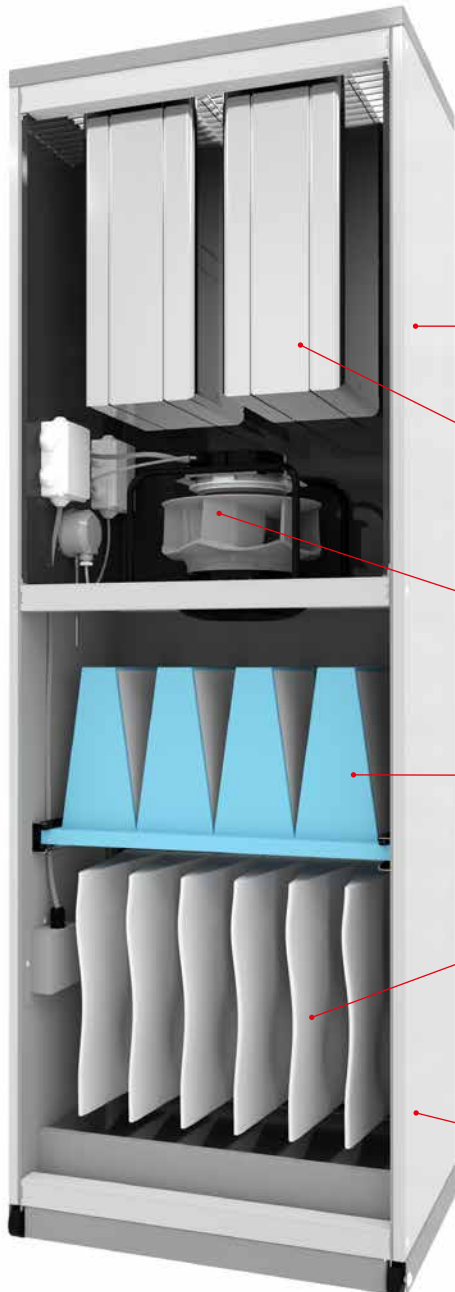
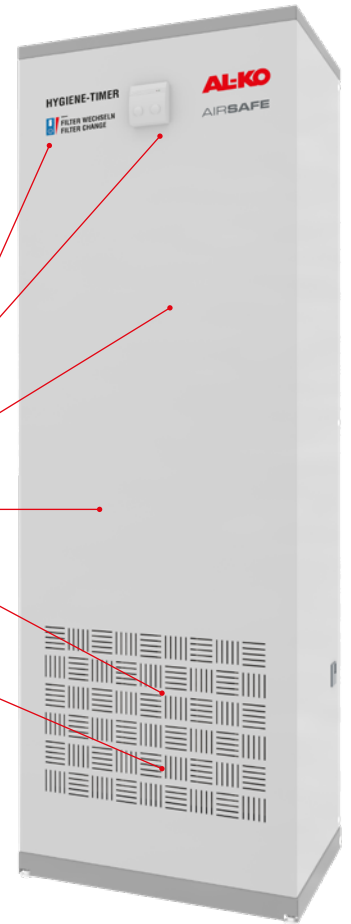
■ MADE  
■ IN  
■ GERMANY

# The **AL-KO AIRSAFE** concept

## FURTHER ADVANTAGES

- | Simple filter change with professional change indicator based on the level of contamination
- | Inspection door on rear protects against damage
- | Fulfils the current recommendations of the German regional ministries of education, the German Workplace Ordinance, and DEHOGA (German Hotel and Restaurant Association)

- | Hygiene timer for maximum reliability
- | Easy to operate thanks to infinitely variable adjustment of the airflow
- | Air flow up to 2000 m<sup>3</sup>/hr (555 l/s) possible using Power function
- | Smooth-walled design made from powder-coated metal
- | Can be installed anywhere thanks to frontal air intake and air outlet on top
- | Because of raised air intake position, no filter contamination by floor fluff – results in longer service life for filters



### Housing:

- | Smooth and sealed inside surfaces ensure optimum hygiene
- | Double walls for maximum sound insulation

### Silencer:

- | Quiet to operate thanks to multiple integrated silencers
- | Fulfils the recommendations of VDI Directive 2081

### Fan:

- | Perfectly matched EC fan
- | Maximum energy efficiency with minimum noise

### HEPA filter:

- | High quality HEPA/suspended matter filter for reliable separation
- | Filter technology proven in the medical field

### Prefilter:

- | Optimum protection of the downstream HEPA filter
- | Low power and maintenance costs thanks to bag filter with large dust storage capacity
- | Simple space-saving disposal thanks to metal frame

### Installation:

- | Mobile design with 5 m connection cable
- | Plug & Play with 230 V plug (domestic electricity connection)
- | Fast and simple to install, no building modifications required

Find the **AL-KO AIRSAFE** that is right for you, quickly and conveniently



THE FORMULA FOR  
YOUR SAFETY =  
(HIGH AIRFLOW)  
X  
(HIGH FILTER  
PERFORMANCE)

### AL-KO AIRSAFE 1200

**Infinitely adjustable and quiet continuous operation for spaces from 30 m<sup>2</sup> to 140 m<sup>2</sup>**

### AL-KO AIRSAFE 1600

**Infinitely adjustable and quiet continuous operation for spaces from 50 m<sup>2</sup> to 180 m<sup>2</sup>**

To efficiently reduce the risk of infection, a 3 to 6 fold hourly air filtration rate for the space is recommended.

**VERY QUIET  
EVEN AT  
HIGH AIRFLOWS**

## THE APPROPRIATE SYSTEM FOR THE SIZE OF YOUR SPACE

	AIRSAFE 1200			AIRSAFE 1600		
Dimensions (W/D/H)	661 x 418 x 1900 in mm			661 x 573 x 1900 in mm		
Weight	100 kg			128 kg		
Article number	340 6881			340 6882		
Infinitely variable control	LOW	MID	<b>HIGH</b>	LOW	MID	<b>HIGH</b>
Air filtration in m <sup>3</sup> /h	600	980	<b>1200</b>	800	1300	<b>1600</b>
Recommended size of space* in m <sup>2</sup>	36 – 72	59 – 118	<b>73 – 146</b>	48 – 96	79 – 158	<b>91 – 182</b>
Sound pressure level** in dB[A]	35	45	50	35	45	50
Power consumption in Watt	18	78	130	31	116	191

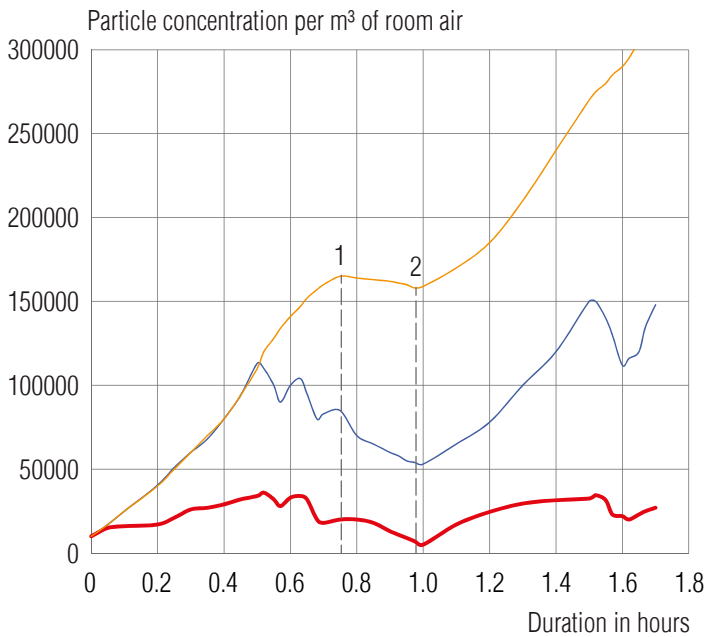
\* Recommendation is a 3 to 6 fold hourly air filtration rate at a space height of 2.75 m

\*\* Measured in a 9 x 10 x 2.75 m space, moderate spatial absorption, corner installation

# Professional infection protection using certified HEPA filters



## AEROSOL CONCENTRATION IN THE SPACE



- (1) People leave the space
- (2) People return after a break

- Without ventilation technology installed
- Shock ventilation via window
- Shock ventilation and use of an AL-KO AIRSAFE air purifier



### Certified safety

AL-KO supplies only HEPA filters which have been tested in advance, and thus guarantees maximum filtration performance as per EN 1822.



## WE ENSURE A HEALTHY SPATIAL ATMOSPHERE – TRUST THE PROFESSIONAL

That is our core claim, which AL-KO AIR TECHNOLOGY has been fulfilling for more than 45 years as a leading German ventilation technology expert. Thanks to professional technology and many years' experience, we cover a broad range of application options. Our central ventilation

units supply thousands of buildings in the medical field worldwide. Our ventilation units are also used in schools, universities, office buildings, exhibition halls, sport stadiums, swimming pools, and manufacturing plants.



**As a ventilation technology specialist of many years, we are happy to advise you personally. Please contact us.**

**AL-KO Air Technology**

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