



airinspace®

AIR quality

MOBILE AIR FILTRATION UNIT

HEPA



 **HEPA**

Sentinel

- High filtration efficiency
- Silent
- Space saving



Space-saving



High filtration efficiency



Cost effective

**HEPA Sentinel** is a mobile air filtration unit highly efficient.

**Use:** Protection of facilities and services with moderate risk.



**Contamination control**, healthcare safety

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## KEY FEATURES

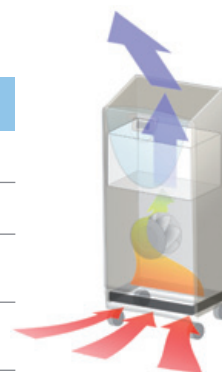
<b>Power supply</b>	~100/230 V		50/60 Hz	
<b>Maximum power supply</b>	100 - 130 VA max / 73 W			
<b>Electrical protection</b>	Isolated by removable power cable		Ph + N bipolar switch with fuses	
<b>Volumetric flow rate</b>	4 ventilation settings: 400 m <sup>3</sup> /h, 600 m <sup>3</sup> /h, 850 m <sup>3</sup> /h and 1,200 m <sup>3</sup> /h (maximum flow rate and unused pre-filter)			
<b>Sound level at 1 m (unused pre-filter)</b>	400 m <sup>3</sup> /h - 41 dB(A)	600 m <sup>3</sup> /h - 45 dB(A)	850 m <sup>3</sup> /h - 48 dB(A)	1,200 m <sup>3</sup> /h - 53 dB(A)
<b>Sound level at 2 m (unused pre-filter)</b>	400 m <sup>3</sup> /h - 35 dB(A)	600 m <sup>3</sup> /h - 39 dB(A)	850 m <sup>3</sup> /h - 42 dB(A)	1,200 m <sup>3</sup> /h - 47 dB(A)
<b>Air treatment capacity (volume of room)</b>	Potentially all volumes according to desired level of sought efficiency			
<b>Aerosol filtration efficiency at 600 m<sup>3</sup>/h (Unused pre-filter and reactor)</b>	> 99.997 % Particles Ø ≥ 0.3 µm			
<b>Microbiological cleanliness class</b>	M10 from 14 ACH			
<b>Particle cleanliness class</b>	ISO 7 from 14 ACH			
<b>Decontamination kinetic</b>	CP <sub>0.5</sub> 15 at 12 ACH		CP <sub>0.5</sub> 10 at 18 ACH	
<b>Water/solid protection</b>	Complete device		IP30	
	Control panel		Waterproof keyboard	
<b>Overall dimensions</b>	H 1,500 x L 700 x D 442 mm			
<b>Ground support (Offset swivel casters)</b>	Small side		271 x 544 mm	
	Large side		399 x 672 mm	
<b>Weight</b>	100 kg			
<b>Maximum floor load</b>	491 kg/m <sup>2</sup> (ground support 335 x 608 mm)			
<b>Environmental operating range</b>	Temperature		+5 °C to +35 °C	
	Relative humidity*		< 95 % non-condensing	
<b>Environmental storage range</b>	Temperature		0 °C to 45 °C	
	Relative humidity		20 % to 90 %	
	Dusty		< 1 mg/m <sup>3</sup>	

\* During intensive wet cleaning of the installation area, it is strongly recommended to temporarily switch off the appliance to limit the peak moisture effect.



## CONTROL PANEL

1		<b>Prg key:</b> Submenu for resetting counters
2		<b>Enter key:</b> Validation key
3		<b>Up key:</b> Increases the ventilation speed or scroll to access to a submenu
4		<b>Down key:</b> Decreases the ventilation speed or scroll to access to a submenu
5		<b>7 segments display:</b> Displays the selected ventilation setting and a letter linked to a failure



Direction of the air flow in the HEPA Sentinel

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