



airinspace®

AIR quality

MOBILE CHEMICAL REMOVAL UNIT

# eCHEM



## eCHEM OX

Sentinel

- High efficiency chemical adsorption
- Quick
- Silent
- Space saving

**eCHEM OX Sentinel** is a mobile chemical decontamination unit for air with a focus on oxydizing molecules. It is dedicated to disinfection applications (surface disinfection, endoscope reprocessing...) that use solutions based on hyrogen peroxyde, peracetic and acetic acid. It helps to rapidly reduce the concentration of these chemical compounds in the air.

**Use:** exposed room to oxydizing compounds used for disinfection process (surface disinfection, endoscopes reprocessing...).

**Related products:** RHEA Compact, RHEA Titan, X-CID, hydrogen peroxyde detector, integral face mask.



Chemical removal



Remote control



Fast



Silent



Contamination control, healthcare safety

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## KEY FEATURES

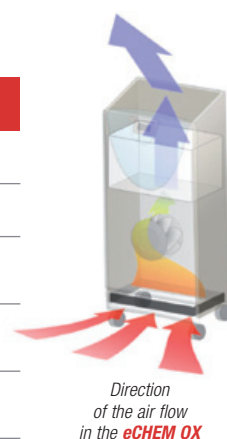
<b>Power supply</b>	~100/230 V		50/60 Hz	
<b>Maximum electrical power</b>	240 VA max / 240 W			
<b>Power at 1,800 m³/h</b> (unused pre-filter and chemical adsorption module)	180 W			
<b>Electrical protection</b>	Isolated by removable power cable		Ph + N bipolar switch with fuses	
<b>Volumetric flow rates</b>	4 ventilation settings: 600 m³/h, 800 m³/h, 1,200 m³/h and 1,800 m³/h (maximum flow rate and unused pre-filter)			
<b>Sound levels 1 m from the unit</b> (unused pre-filter) as per ISO 3744	600 m³/h - 38 dB(A)	800 m³/h - 42 dB(A)	1,200 m³/h - 49 dB(A)	1,800 m³/h - 58 dB(A)
<b>Sound levels 2 m from the unit</b> (unused pre-filter) as per ISO 3744	600 m³/h - 34 dB(A)	800 m³/h - 38 dB(A)	1,200 m³/h - 45 dB(A)	1,800 m³/h - 54 dB(A)
<b>Air handling capacity (volume of room)</b>	Potentially all volumes depending on initial specifications and desired air quality - Optimal to less than 60 m³			
<b>Water/solid protection</b>	Complete device		IP40	
	Control panel		Waterproof keyboard	
<b>Overall dimensions</b>	H 1,500 x L 700 x D 442 mm			
<b>Ground support</b> (Offset swivel casters)	Small side		271 x 544 mm	
	Large side		399 x 672 mm	
<b>Weight</b>	94 kg			
<b>Maximum floor load</b>	491 kg/m² (ground support 335 x 608 mm)			
<b>Environmental operating range</b>	Temperature		+5 °C to +35 °C	
	Relative humidity*		< 99 %	
<b>Environmental storage range</b>	Temperature		0 °C to 45 °C	
	Relative humidity		20 % to 90 %	
	Dusty		< 1 mg/m³	

\* 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> To Increase the fan speed or to scroll through a submenu
4		<b>Down key:</b> To decrease the fan speed or to scroll through a submenu
5		<b>7-segment display:</b> to view the selected letter and display a corresponding letter to an alarm



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