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AIR quality

MOBILE CHEMICAL REMOVAL UNIT

eCHEM



eCHEM Sentinel

- Chemical removal
  High efficiency
- Efficient on oxidizing and acid molecules, $_t$VOC and formaldehyde
- Fast with the boost mode
- Quiet
- Programmable ventilation modes

eCHEM Sentinel is a mobile, multi-purpose chemical decontamination unit. Its capacitive activated carbon filters and capacitive filters, it eliminates oxidizing molecules, $_t$VOC and formaldehyde. It rapidly reduces their concentration in the air of the treated room.

Use: Premises exposed to oxidizing vapors used in disinfection (automated processes, endoscope washing) anatomopathology laboratories, IVF laboratories, and more generally any exposure to solvents.

Chemical removal | Cost effective | Fast | Quiet

MOBILE CHEMICAL REMOVAL UNIT

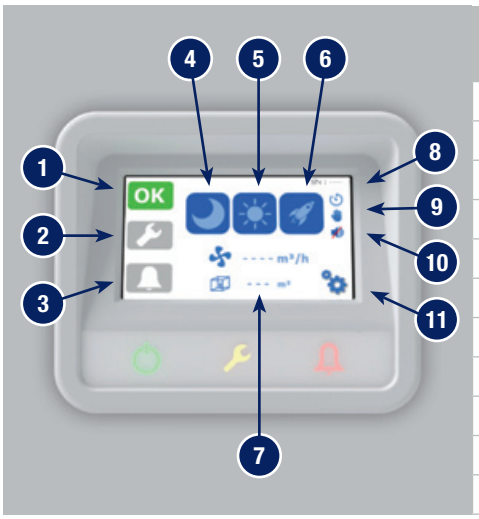
eCHEM Sentinel

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KEY FEATURES

Power supply	~230 V	50/60 Hz
Maximum power	250 VA / 190 W	
Electrical power at rate speed 600 m³/h	63 VA / 38 W	
Electrical protection	Isolated by removable power cable	Ph + N bipolar switch with fuses
Volumetric flow rates	Flow rate continuously adjustable from 300 m³/h to 1,400 m³/h *(177 CFM to 824 CFM)* *(maximum flow rate and unused pre-filter)*	
Sound levels at 1 m/2 m *(3.3'/6.6')* from the unit *(unused pre-filter) as per ISO 3744*	400 m³/h *(235 CFM)* - 26 dB(A) / <25 dB(A)	600 m³/h *(353 CFM)* - 32 dB(A) / 28 dB(A)
	850 m³/h *(500 CFM)* - 40 dB(A) / 36 dB(A)	1,200 m³/h *(706 CFM)* - 45 dB(A) / 41 dB(A)
	1,400 m³/h *(824 CFM)* - 48 dB(A) / 44 dB(A)	
Overall dimensions	H 1,510 x L 750 x D 520 mm *(59"H x 30"L x 20"D)*	
Weight	108 kg *(238 lbs)*	
Environmental operating range	Temperature	+5 °C to +35 °C *(+41°F to +95°F)*
	Relative humidity*	< 95 % non-condensing
Environmental storage range	Temperature	0 °C to 45 °C *(+32°F to +113°F)*
	Relative humidity	20 % to 90 %
	Dust level	< 1 mg/m³ *(0.03 mg/ft³)*

** 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:
All parameters visible at a glance

1	OK	This icon indicates that the device is working properly
2		This icon indicates a warning
3		This icon indicates an alarm
4		This icon indicates the ventilation setting: Night
5		This icon indicates the ventilation setting: Day
6		This icon indicates the ventilation setting: Reinforced or boost
7		These icons indicate room flow rate and volume
8		Signal that automatic night-time programmer is activated
9		Signal that manual mode is activated
10		Sound alarm inactivated
11		Access key to setup menu



Direction of the air flow in the ***eCHEM*** *Sentinel*

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The ISO 13485 standard only applies to mobile air filtration unit. The list of products «Origine France Garantie» is available on request.

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French Healthcare

ORIGINE FRANCE GARANTIE® BVCert. 6227600

afaq ISO 9001 Qualité AFNOR CERTIFICATION

afaq ISO 13485 Santé Médical AFNOR CERTIFICATION