airinspace®

AIR quality

MOBILE AIR DECONTAMINATION UNIT

PLASMAIR™



HEPA-MD technology | Fast | Quiet

PLASMAIR™ Guardian

- HEPA-MD technology
- Destuction of microorganisms
- Highly efficient filtration
- Chemical, VOC and Odor removal
- Very quiet

PLASMAIR™ Guardian is mobile air decontamination unit which incorporates HEPA-MD technology. The high flow rate allows treating large rooms quickly.

Use: Hematology, Bone Marrow Transplant unit, solid transplant unit, onco-hematology and pharmacy.

Related products: BIOCAIR™, IMMUNAIR™.

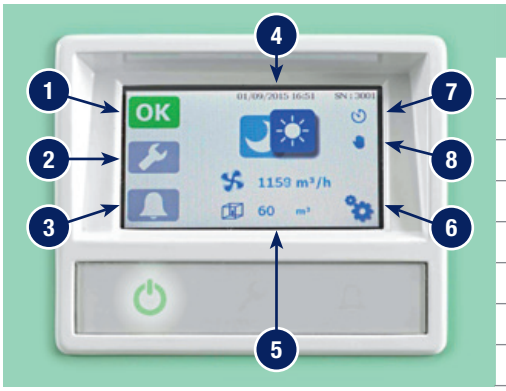
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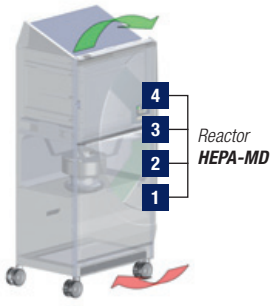
KEY FEATURES			
Power supply	~ 100 V, ~ 110/120 V, ~ 230 V		50/60 Hz
Maximum power supply	600 VA / 600 W		
Electrical protection	Isolated by removable power cable		Ph + N bipolar switch with fuses
Volumetric flow rate	Air flow continuously adjustable from 500 m³/h to 2,500 m³/h *(294 CFM to 1,471 CFM)* *(Maximum flow rate, unused pre filter)*		
Sound level as per NF-EN ISO 3744:2012 standard at 1 m / 2 m *(3.3'/6.6')* *(unused pre-filter)*	500 m³/h *(294 CFM)* - 30 dB(A) / <30 dB(A)	1,000 m³/h *(589 CFM)* - 39 dB(A) / 35 dB(A)	1,500 m³/h *(883 CFM)* - 47 dB(A) / 43 dB(A)
	2,000 m³/h *(1,177 CFM)* - 53 dB(A) / 49 dB(A)	2,500 m³/h *(1,471 CFM)* - 58 dB(A) / 54 dB(A)	
Air treatment capacity *(volume of room)*	Potentially all volumes according to desired level of efficiency		
Aerosol filtration efficiency at 1,000 m³/h *(589 CFM)* *(Unused pre-filter and reactor)*	> 99.999 %		Particles Ø ≥ 0.3 µm
Microorganisms destruction	Yes, with HEPA-MD technology		
Microbiological cleanliness class	Total flora		M10 from 18 ACH
	Fungi		M1 from 12 ACH
Particle cleanliness class	ISO 7 from 12 ACH		
Decontamination kinetic	$CP_{0.5}$12 at 15 ACH		$CP_{0.5}$7 at 30 ACH
Water/solid protection	Complete device		IP40
	Control panel		IP40
Overall dimensions	H 1,940 x L 912 x D 690 mm *(76"H x 36"L x 27"D)*		
Ground support *(Offset swivel casters)*	Small side		475 to 635 mm *(18" to 25")*
	Large side		685 to 845 mm *(27" to 34")*
Weight	191 kg *(421 lbs)*		
Maximum floor load	587 kg/m² (ground support 475 x 685 mm) / *125 psf (ground support 18"x 27")*		
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

1	OK	This icon indicates that the unit is working properly
2		This icon indicates a warning
3		This icon indicates an alarm
4		This icon indicates the ventilation setting: DAY/NIGHT
5		This icon indicates room flow rate and volume
6		Access key to setup menu
7		Signal that automatic night-time programmer is activated
8		Signal that manual mode is activated



Direction of the air flow in the PLASMAIR™ Guardian

airinspace®
14, rue Jean Monnet
78990 Élancourt
France

T. +33 (0)1 30 07 01 01
F. +33 (0)1 30 07 01 02
contact@airinspace.com

French Healthcare

ORIGINE FRANCE GARANTIE® BVCert. 622760

afaq ISO 9001 Qualité AFNOR CERTIFICATION

afaq ISO 13485 Santé Médical AFNOR CERTIFICATION

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