airinspace®

AIR quality

ENVIRONMENTALLY CONTROLLED AREA

BIOCAIR®



BIOCAIR®



- Modular concept
- Tailored made solutions
- Positive or negative pressure
- Automatic sliding door
- Controlled by touch screen
- Several available options

BIOCAIR® is a modular isolation area with integratred air treatment to contain the spread of infections or protect at risk patient.

Use: Hematology, solid grapht unit, Bone Marrow Transplant unit, Intensive Care Unit, infectious disease unit, military hospital, hospital pharmacy.

Related products: PLASMAIR® Guardian.

Protected environment

Integrated lighting

Modular

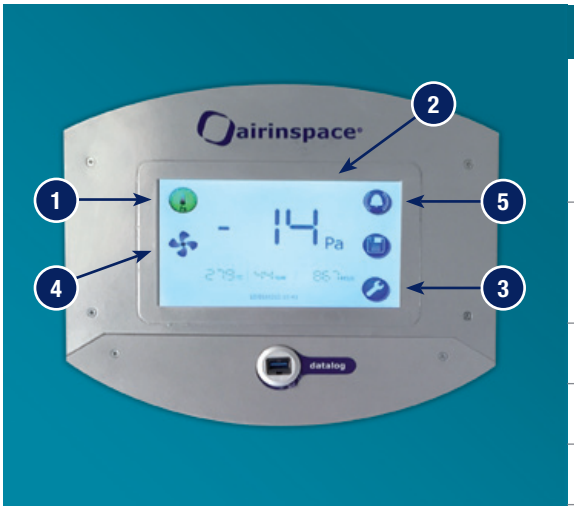
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KEY FEATURES		
Power supply	230 VAC	
Power consumption	Maximum power consumption (excluding PC): 271 VA / 232 W / 1.12A	
	Maximum power available on sockets: 5 KVA / 20A	
	BIOCAIR® positive pressure	**BIOCAIR® negative pressure**
Differential pressure	+15 Pa nominal + 30 Pa maximum	- 15 Pa nominal - 30 Pa maximum
Volumetric flow rate	550 m^3/h +/- 50 m^3/h nominal 1,000 m^3/h maximum	750 m^3/h +/- 50 m^3/h nominal 1,000 m^3/h maximum
Inside sound levels*	< 40 dB(A) for 15 Pa	< 40 dB(A) for 15 Pa
Microbiological cleanliness class	M10	-
Particle cleanliness class	ISO 5 *(ISO 7 established at the periphery of BIOCAIR®)*	ISO 7 *(ISO 7 established at the periphery of BIOCAIR®)*
Decontamination kinetic	$CP_{0.5}10$	-
Dimensions	Minimum: 3.2 m x 2.3 m Ceiling height: 2.3 m or 2.5 m Free access: 1.3 m x 2.1 m *(Consult our design department to refine your project)*	
Environmental operating range	Temperature	+5 °C to +35 °C
	Relative humidity	< 80 % RH continuously and up to 99 % punctually (surface disinfection process)

** Connected to PLASMAIR® Guardian.*



CONTROL PANEL		
1		**Green:** pressure in accordance with the setpoint (+/-2 Pa) **Orange:** slight difference in pressure between the pressure and the setpoint (+/-5 Pa) **Red:** difference greater than +/-5Pa
2		Differential pressure display Temperature display Relative humidity display Flow rate display
3		Maintenance menu key
4		Ventilation signal
5		Access key to the alarm log menu



*Direction of the air flow in **BIOCAIR®** - **Positive pressure***



*Direction of the air flow in **BIOCAIR®** - **Negative pressure***

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afaq ISO 9001 Qualité AFNOR CERTIFICATION

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