

CLASS II MICROBIOLOGICAL SAFETY CABINET





STAY SAFE THE EZ WAY

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Including premium features in an entry level priced cabinet, the new Class II (type A2) Microbiological Safety Cabinets SafeMate EZ series allow everybody to stay safe in an easy way. The "V"-shaped antiobstruction grill allows working without worrying about armrests, while the self positioning electrically operated front sash makes sure that the front aperture is always at the right size for comfort and safety. **Your Safety is our Commitment.**

No compromise for Operator, Product and Environment. Protection guaranteed as required by EN12469:2000 standard.



FEATURE RICH!

Electrical front sash: the front glass is operated using the switches on the main control panel allowing effortless opening and closing of the working area.

V-shaped front grill: forget about armrests limiting your working position: SafeMate's Vshaped front grill ensures the front barrier is always at its best.

Customizable utilities: want more space in the working area? Do not take the optional taps if. Changed your mind and want the taps? Just buy the option and they will be installed in your cabinet even after sales!

Fully VHP compliant: with the optional VHP connector kit you can easily use any Hydrogen

Peroxide vapour generation system to fully sterilize your cabinet.



SAFEMATE EZ

SAFEMATE EZ

CLASS II MICROBIOLOGICAL SAFETY CABINET

Air/Aerosol tight electrical sliding sash with exclusive "yzy" movement



Italian Quality

Our cabinet are completely made in Italy using components of italian or european origins! We use only the best for our cabinets!



Choose your color!



MAIN SPECIFICATIONS:

- State of the art AC motorblower enhances energy efficiency, reducing operating costs.
- Fully compliant Class II microbiological safety cabinet according to EN 12469 safety standard
- \checkmark Air and aerosol tight electrical sliding sash
- ✓ UV light on back wall
- ✓ 5° Sloping front aperture to maximise comfort.
- ✓ V-Shaped anti-obstruction front grill
- \checkmark Optional utilities for gas and vacuum, installable in-field
- \checkmark Real Time reporting of air speeds (inflow & downflow)
- \checkmark Fully stainless steel working chamber and surface.





STANDARD UTILITIES

STANDARD ELECTRICAL	. EQUIPMENT	
Automatic electronic airflow	velocity control PCB	\checkmark
Motorblower (fan)		\checkmark
Inverter		\checkmark
Fluorescent lamps		\checkmark
Sliding window electric moto	or	\checkmark
Combustible gas solenoid va	lve.	\checkmark
STANDARD UTILITIES		
Tap for combustible gas line		Optional
Tap for inert fluids/vacuum li	ne	Optional
Auxiliary electrical service sc	ocket	\checkmark
2nd auxiliary electrical servic	e socket	\checkmark
UVC lamp socket		\checkmark
Voltage-free contact (VFC) o	outlet	\checkmark



OPTIONS & ACCESSORIES

CODE	DESCRIPTION	NOTES	SIZE 0.9	SIZE 1.2
AC10000	CHEST DRAWER	2 drawers - with castors	\checkmark	\checkmark
AS1L410	SUPPORT STAND 1.2	h= 730 - 890 mm	\checkmark	
AS1L610	SUPPORT STAND 1.8			
AZ1L010	CASTORS KIT	With retractable foot	\checkmark	\checkmark
AP1K604	IV bar for 1.2	(includes 10 hooks)	\checkmark	
AP1K606	IV bar for 1.8			\checkmark
AZ1H613	ARMRESTS		\checkmark	\checkmark
DUCTING AND	ADDITIONAL FILTERS OPTIONS			
AZ1H124	Active extraction kit		\checkmark	
AZ1H154	Additional charcoal filter adapter		\checkmark	
CP62000	Additional charcoal filter	Requires AZ1H126 and AZ1H156	\checkmark	
AZ1H126	Active extraction kit			\checkmark
AZ1H156	Additional charcoal filter adapter			\checkmark
CP66000	Additional charcoal filter	Requires AZ1H124 and AZ1H154		\checkmark
AZ1H204	Passive transition adapter kit	Requires remote blower for	\checkmark	
AZ1H206	Passive transition adapter kit	extraction		\checkmark
AZ1H304	Extraction open hood ("thimble")	Requires remote blower for		
AZ1H306	Extraction open hood ("thimble")	extraction		\checkmark

TECHNICAL DATA

Part No. (cabinet)LDK400NLDK600NPart No. (Solid Work Surface)A23K040A29K061Part No. (Solid Work Surface)A29K061A29K061SPECIFICATIONSIEC 61010-12010 / EN 61010-12010IEC 61021-12012 / EN 61266-12013Bart No. (Solid Work Surface)IEC 61010-12010 / EN 61010-12010IEC 61021-12012 / EN 61266-12013Bart Supply voltage:220-240 V- 50/60 HzRequired power line (VV): (700 W service socket included)12001750Absorbed power (VV): (700 W service socket included)4657741Mindow glass U/C radiations retention (%): (Combustible gas fixture max pressure (bar):9820Combustible gas fixture max pressure (bar):98201Electrical service socket max current (A):3990 x 795 x 14501990 x 795 x 1450WellGHT AND SIZE1380 x 795 x 14501990 x 795 x 14501990 x 795 x 1450Working space size L x D x H (mm):1230 x 2001840 x 600 x 700Watring space size L x D x H (mm):1230 x 2001840 x 600 x 700MATERIALSItaminet asfety glass1990 x 795 x 1450Working space surface:1990 x 735 x 14501990 x 795 x 1450Front and side walls windows:Itaminet asfety glass1990 x 795 x 1450PERFORMANCES0.33 + 0.401840 x 600 x 700MATERIALS1390 x 795 x 14501990 x 795 x 1450Working space surface:0.33 + 0.4010Front and side walls windows:Itaminet asfety glass100 x 100 x			////		
Part No. (Solid Work Surface)AZ9K040AZ9K041AZ9K060Part No. (Perforated Work Surface)AZ9K041AZ9K061SPECIFLATIONSIEC 61010-12010 / EN 61010-12010IEC 61010-12010 / EN 61010-12010Beference Standards:IEC 61010-12010 / EN 61010-12010IEC 61020-12010 / EN 61026-12013Electrical insulating/protection class [EC 61140]IIMains supply voltage:220-240 V- 50/60 HzRequired power (W); (?)12001750Abasched power (W); (?)465774Window glass UVC radiations retention (%):98Combustible gas future max pressure (bap):20Inert fluids/vacuum fixture max pressure (bap):2Inert fluids/vacuum fixture max pressure (bap):2Orevell size LX b H (mm):1390 x 795 x 1450Working space size L x D x H (mm):1230 x 200Norking space surface:Iaminetad safety glassPerfor Mart Starter200 kook x 700Working space surface:Iaminetad safety glassPerfor Mart Barrier mean velocity [EN 12469](m/s):0.033 + 0.40Inflow Af Barrier mean velocity [EN 12469](m/s):0.033 + 0.40Inflow Af Barrier mean velocity [EN 12469](m/s):30 d toAbsched Explant If flow mean velocity [EN 12469](m/s):30 d toAbsched Explant If flow mean velocity [EN 12469](m/s):30 d toAbsched Explant If flow mean velocity [EN 12469](m/s):30 d toAbsched Explant If flow mean velocity [EN 12469](m/s):30 d toAbsched Explant If flow mean velocity [EN 12469](m/s):30 d to	DESCRIPTION	SIZE 1.2	SIZE 1.8		
Part No. (Perforated Work Surface) A29K041 A29K061 SPECIFICATIONS Reference Standards: ICC 6100-12010 / EN 6100-12010 ICC 61020-12010 / EN 6100-12010 EN 12469.2002 / EN 61235-12012 Electrical insulating/protection class [ICC 61140]: II Mains supply voltage: 220-240 -> 50/60 Hz Required power (WY; (') COW Service Socket included) Absorbed power (WY; (') ('DO W service Socket included) Absorbed power (WY; (') ('DO W service Socket included) Absorbed power (WY; (') ('DO W service Socket included) Window glass UVC radiations retention (%): Combustible gas fixture max pressure (mbar): Inert fluids/vacuum fixture max pressure (mbar): ('Do W service Socket max current (A): WIGHT AND SIZE Net Weight (kg): Core all size L x N H (mm): Net Weight (kg): Core all size L x N H (mm): Net Weight (kg): Core all size L x N H (mm): Net Weight (kg): Core all size L x N H (mm): ('DO N service Socket max current (A): Working space size L x N H (mm): ('DO N service Socket max current (A): Pront aperture size L x H (mm): ('DO N service Socket max current (A): Pront aperture size L x H (mm): ('DO N service Socket max current (A): ('DO N	Part No. (cabinet)	LDK400N	LDK600N		
SPECIFICATIONS Reference Standards: IEC 6100-12010 / EN 61010-12010 Electrical insulating/protection class [IEC 61140]: I Mains supply voltage: 220-240 V- 50/60 Hz Required power line (W): 1200 1750 700 W service socket included) 465 774 Mindow glass UVC radiations retention (%): 98 0 Combustible gas fitture max pressure (mar): 20 1 Inert fluids/vacuum fixture max pressure (mar): 20 1 Inert fluids/vacuum fixture max pressure (mar): 3 360 Overall size L x D x H (mm): 1380 x 795 x 1450 1990 x 795 x 1450 Weideff tAND SIZE 1800 x 700 1840 x 200 1840 x 200 Working space size L x D x H (mm): 1230 x 200 1840 x 200 1840 x 200 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 1840 x 200 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 1840 x 600 x 700 Mart Structure: cold rolled steel, stove ename l coated RAL 7035 x ABS plasti stainless steel AISI 304 - SB finishing Front age size L x D x H (mn): 1230 x 600 x 100 x 1840 x 600 x 10	Part No. (Solid Work Surface)	AZ9K040	AZ9K060		
Reference Standards: IEC 61010-1:2010 / EN 61010-1:2010 IEC 61326-1:2012 / EN 61263-1:2013 EN 11266-1:2000 Electrical insulating/protection class [IEC 61140]: I Mains supply voltage: 220-240 V - 50/60 Hz Required Dover (NY): (1) 1200 1750 Absorbed power (NY): (1) 465 774 Window glass UVC radiations retention (%): 98 20 Combustible gas fixture max pressure (bar): 4 20 Electrical service socket max current (A): 360 360 Overall size L x D x H (mm): 1380 x 795 x 1450 1990 x 795 x 1450 VeliGHT AND SIZE 1380 x 795 x 1450 1840 x 600 x 700 Main structure: cold rolled steel, stove ename located RAL 7035 x A50 1840 x 600 x 700 Main structure: cold rolled steel, stove ename located RAL 7035 x A55 plasti 1840 x 600 x 700 MATERIALS Jaminated safety glass 2100 1840 x 600 x 700 Main structure: cold rolled steel, stove ename located RAL 7035 x A55 plasti 200 Marce safe L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 Marce safe L x D X H (mm): 1230 x 600 x 700 1840 x 600 x 700 Mains structure: cold rolled	Part No. (Perforated Work Surface)	AZ9K041	AZ9K061		
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LOULOU1750Absorbed power (W): (*) (fen and light on only)465774Window glass UVC radiations retention (%):9Combustible gas fixture max pressure (bar):	Mains supply voltage:	220-240 V-	220-240 V~ 50/60 Hz		
(fan and light on only) 465 7/4 Window glass UVC radiations retention (%): 9 Combustible gas fixture max pressure (mbar): 4 Linert fluids/vacuum fixture max pressure (bar): 4 Electrical service socket max current (A): 3 WEIGHT AND SIZE 3560 Weight (kg): 256 360 Overall Size L x D x H (mm): 1280 x 795 x 1450 1990 x 795 x 1450 Front aperture size L x H (mm): 1230 x 200 1840 x 200 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 MATERIALS 1840 x 600 x 700 1840 x 600 x 700 Marterial Size L x H (xm): 1230 x 600 x 700 1840 x 600 x 700 Marterial Size L x H (xm): 1230 x 600 x 700 1840 x 600 x 700 Marterial Size L x H (xm): 1230 x 600 x 700 1840 x 600 x 700 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 Marterial Size L x H (xm): 1230 x 600 x 700 1840 x 600 x 700 Working space surface: Iaminate Size L x B x H (xm): 1840 x 600 x 700 Marterial Size L X H (xm):		1200	1750		
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Weight (kg):Net Weight (kg):256360Overall size L x D x H (mm):1380 x 795 x 14501990 x 795 x 1450(without support stand)1230 x 2001840 x 200Front aperture size L x H (mm):1230 x 600 x 7001840 x 200Working space size L x D x H (mm):1230 x 600 x 7001840 x 200MATERIALS1230 x 600 x 7001840 x 600 x 700Marterial Support stand)cold rolled steel, stove ename! coated RAL 7035 + ABS plastiWorking space surface:cold rolled steel, stove ename! coated RAL 7035 + ABS plastiFront and side walls windows:laminated safety glassPERFORMANCES0,33 ÷ 0,40Laminar Air Flow mean velocity [EN 12469](m/s):0,33 ÷ 0,40Inflow Air Barrier mean velocity [EN 12469](m/s):0,53 ±10%Chetention efficiency at front aperture) $21,0 \times 105$ Working space air cleanliness class [EN 14644-1]: 30 ± 10 Working space air cleanliness class [EN 14644-1]: 30 ± 10 Working space air cleanliness class [EN 14644-1]: 30 ± 10 Working space air cleanliness class [EN 14644-1]: 30 ± 10 Working space air cleanliness class [EN 14644-1]: 30 ± 10 Working space air cleanliness class [EN 14644-1]: 456 Sound level [EN 150 3744] (dB[A]): (**) <850 Vibration [EN 12469] (mx RMS): $<0,005$ Max increase inside cabine in temperature from the ambient [EN 12469] (mc): $<140 \times 100$ Filters efficiency class [EN 1822-1]:H14 (***)Filters efficiency class [EN 1822-1]:H14 (***)	Inert fluids/vacuum fixture max pressure (bar):	4	4		
Net Weight (kg): 256 360 Overall size L x D x H (mm): (without support stand) 1380 x 795 x 1450 1990 x 795 x 1450 Front aperture size L x H (mm): 1230 x 200 1840 x 200 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 200 Main structure: 01230 x 600 x 700 1840 x 600 x 700 MATERIALS 01840 x 600 x 700 1840 x 500 x 700 Working space surface: 1aminated steel, stove ename! 200 x 705 x 485 plastic Front and side walls windows: Iaminated steel x103 x 40 x 50 finishing 500 x 700 PERFORMANCES Iaminated steel x100 x 50 x 100 x 1	Electrical service socket max current (A):	3	5		
Overall size L x D x H (mm): (without support stand) 1380 x 795 x 1450 1990 x 795 x 1450 Front aperture size L x H (mm): 1230 x 200 1840 x 200 Working space size L x D x H (mm): 1230 x 600 x 700 1840 x 600 x 700 Main structure: cold rolled steel, stove enamel coated RAL 7035 + ABS plasti Working space surface: stainless steel AISI 304 - SB finishing Front and side walls windows: laminated safety glass PEFFORMANCES 0,33 ÷ 0,40 Laminar Air Flow mean velocity [EN 12469](m/s): 0,53 ± 10% Exhaust Air flow rate (m3/h): 480 ± 10% 600 ± 10% Apf - Aperture Protection Factor [EN 12469]; \$\$10 × 105 10 Working space air cleanliness class [EN 14644-1]; 150 5 54 Sound level [EN 150 3744] (dB[A]); (**) \$850 <54	WEIGHT AND SIZE				
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MATERIALS cold rolled steel, stove ename coated RAL 7035 + ABS plast Main structure: cold rolled steel, stove ename coated RAL 7035 + ABS plast Working space surface: laminated steel AIS 304 - SB finishing Front and side walls windows: laminated steel y glass PEFFORMANCES 0,33 + 0,40 Laminar Air Flow mean velocity [EN 12469](m/s): 0,53 ±10* Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow ratio (%): 30 ±10 480 ±10% Apf - Aperture Protection Factor [EN 12469]: ±1,0 × 105 10 Vorking space air cleanliness class [EN 14644-1]: 110 10 Working space air cleanliness class [EN 14644-1]: <850	Front aperture size L x H (mm):	1230 x 200	1840 x 200		
Main structure:cold rolled steel, stove ename! coated RAL 7035 + ABS plastWorking space surface:stainless steel AISI 304 - SB finishingFront and side walls windows:laminated safety glassPERFORMANCESLaminar Air Flow mean velocity [EN 12469](m/s):0,33 ÷ 0,40Inflow Air Barrier mean velocity [EN 12469](m/s):0,53 ± 10%Exhaust Air flow rate (m3/h):480 ± 10%600 ± 10%Exhaust Air flow ratio (%):30 ± 10000 ± 10%Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture)1SO 5100 ± 10%Working space air cleanliness class [EN 1464-1]:1SO 554Sound level [EN 12469] (tux):>850<54	Working space size L x D x H (mm):	1230 x 600 x 700	1840 x 600 x 700		
Working space surface:stainless steel AISI 304 - SB finishingFront and side walls windows:laminated safety glassPERFORMANCESLaminar Air Flow mean velocity [EN 12469](m/s):0,33 ÷ 0,40Inflow Air Barrier mean velocity [EN 12469](m/s):0,53 ± 10×Exhaust Air flow rate (m3/h):480 ± 10%600 ± 10%Exhaust Air flow ratio (%):30 ± 10600 ± 10%Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture)30 ± 10600 ± 10%Working space air cleanliness class [EN 14644-1]:ISO 554Illuminance [EN 12469] (lux):>850<54	MATERIALS				
Front and side walls windows: Iaminated safety glass PERFORMANCES Laminar Air Flow mean velocity [EN 12469](m/s): 0,33 ÷ 0,40 Inflow Air Barrier mean velocity [EN 12469](m/s): 0,53 ± 10% Exhaust Air flow rate (m3/h): 480 ± 10% 600 ± 10% Exhaust Air flow rate (m3/h): 480 ± 10% 600 ± 10% Apf - Aperture Protection Factor [EN 12469]: >10 × 105 Working space air cleanliness class [EN 1464-1]: ISO 5 Illuminance [EN 12469] (lux): >850 <54	Main structure:	cold rolled steel, stove enamel c	cold rolled steel, stove enamel coated RAL 7035 + ABS plastic		
PERFORMANCES Laminar Air Flow mean velocity [EN 12469](m/s): 0,33 ÷ 0,40 Inflow Air Barrier mean velocity [EN 12469](m/s): 0,53 ±10× Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow rate (m3/h): 600 ±10 Apf - Aperture Protection Factor [EN 12469]: (**) Apf - Aperture Protection Factor [EN 12469]: (**) Working space air cleanliness class [EN 14644-1]: 10 s Illuminance [EN 12469] (lux): *>850 <54 Sound level [EN ISO 3744] (dB[A]): (**) Vibration [EN 12469] (mm RMS): <0,005 Max increase inside cabinet in temperature from the ambient [EN 12469] (°C): C FILTERS Filters efficiency class [EN 1822-1]: H14 (***) Filters global MPPS efficiency [EN 1822-1](%): 99,95	Working space surface:	stainless steel AISI	stainless steel AISI 304 - SB finishing		
Laminar Air Flow mean velocity [EN 12469](m/s): 0,33 ÷ 0,40 Inflow Air Barrier mean velocity [EN 12469](m/s): 0,53 ±10% Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow rate (m3/h): 30 ±10 10 Exhaust Air flow rate (m3/h): 30 ±10 10 Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture) \$10 ±10 \$21,0 ±105 Working space air cleanliness class [EN 14644-1]: ISO 5 \$43 Illuminance [EN 12469] (lux): >850 <54	Front and side walls windows:	laminated s	laminated safety glass		
Inflow Air Barrier mean velocity [EN 12469](m/s): 480 ±0.53 ±0.54 Exhaust Air flow rate (m3/h): 480 ±10% 600 ±10% Exhaust Air flow ratio (%): 30 ±1.55 Apf - Aperture Protection Factor [EN 12469]: 31,0 ±0.55 (Retention efficiency at front aperture) 8250 51,0 ±0.55 Illuminance [EN 12469] (lux): 8250 54 Sound level [EN ISO 3744] (dB[A]): (**) 556 50 Vibration [EN 12469] (mm RMS): 656 50 Max increase inside cabinet in temperature from the ambient [EN 12469] (°C): 55 FILTERS Filters efficiency class [EN 1822-1]: (%) 51 Filters global MPPS efficiency [EN 1822-1](%): 75 Filters filters global MPPS efficiency [EN 1822-1](%): 75 Filters filters filt	PERFORMANCES				
Exhaust Air flow rate (m3/h): $480 \pm 10\%$ $600 \pm 10\%$ Exhaust Air flow ratio (%): 30 ± 10 Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture) $a_{1,0} \times 105$ Working space air cleanliness class [EN 14644-1]: $s_{2,0} \times 105$ Illuminance [EN 12469] (lux):>850<54	Laminar Air Flow mean velocity [EN 12469](m/s):	0,33 ÷	0,33 ÷ 0,40		
Exhaust Air flow ratio (%): 30 ± 10 Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture) $\geq 1, 0 \times 105$ Working space air cleanliness class [EN 14644-1]: $ISO = 100$ Illuminance [EN 12469] (lux): >850 <54 Sound level [EN ISO 3744] (dB[A]): (**) <56 <60 Vibration [EN 12469] (mm RMS): $<0, 0-5$ Max increase inside cabinet in temperature from the ambient [EN 12469] (°C): $<10, 0-5$ FILTERSFilters efficiency class [EN 1822-1]: $H14 (***)$ Filters global MPPS efficiency [EN 1822-1](%): $99, 9-5$	Inflow Air Barrier mean velocity [EN 12469](m/s):	0,53 :	0,53 ±10%		
Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture) $>1,0 \times 105$ Working space air cleanliness class [EN 14644-1]: $IS > 5$ Illuminance [EN 12469] (lux):>850<54	Exhaust Air flow rate (m3/h):	480 ±10%	600 ±10%		
(Retention efficiency at front aperture) ISO × 105 Working space air cleanliness class [EN 14644-1]: ISO > Illuminance [EN 12469] (lux): >850 <54	Exhaust Air flow ratio (%):	30 :	±10		
Illuminance [EN 12469] (lux): >850 <54	Apf - Aperture Protection Factor [EN 12469]: (Retention efficiency at front aperture)	≥1,0 ×	≥1,0 x 105		
Sound level [EN ISO 3744] (dB[A]): (**) Vibration [EN 12469] (mm RMS): Max increase inside cabinet in temperature from the ambient [EN 12469] (°C): FILTERS Filters efficiency class [EN 1822-1]: Filters global MPPS efficiency [EN 1822-1](%): 99,95	Working space air cleanliness class [EN 14644-1]:	ISC	5		
Vibration [EN 12469] (mm RMS): <0,005	Illuminance [EN 12469] (lux):	>850	<54		
Max increase inside cabinet in temperature from the ambient [EN 12469] (°C): <5	Sound level [EN ISO 3744] (dB[A]): (**)	<56	<60		
from the ambient [EN 12469] (°C): FILTERS Filters efficiency class [EN 1822-1]: H14 (***) Filters global MPPS efficiency [EN 1822-1](%): 99,995	Vibration [EN 12469] (mm RMS):	<0,0	005		
Filters efficiency class [EN 1822-1]: H14 (***) Filters global MPPS efficiency [EN 1822-1](%): 99,995	Max increase inside cabinet in temperature from the ambient [EN 12469] (°C):	<	5		
Filters global MPPS efficiency [EN 1822-1](%): 99,995	FILTERS				
	Filters efficiency class [EN 1822-1]:	H14 ((***)		
MPPS diameter [EN1822-1](μm): 0,1 ÷ 0,3	Filters global MPPS efficiency [EN 1822-1](%):	99,9	995		
	MPPS diameter [EN1822-1](µm):	0,1 ÷	0,3		

* Motorblower on, lights on (flow 0.28m/s, LED lights) ** Measured in operating conditions. Actual values at customer site may be different due to room structure *** Efficiency higher than ULPA (Class F) as per IESP-RP-CC001

OVER 40 YEARS OF EXPERIENCE

OVER 40 YEARS OF EXPERIENCE

BioAir has been manufacturing Biohazard and Laminar Air

Flow cabinets since the early '70s, when the Gelaire® brand became the "gold standard" for airborne contamination control in laboratories all over the world.

A family of Recirculating Fume Hoods, based on the adsorption of toxic vapors by charcoal filters, was successfully introduced a few years later, thus positioning the Company as the only one seriously focused on the protection of its operators, in line with its inspiring motto "Your safety is our commitment".

This unique know-how and insistence on quality were continually developed, and 25 years on, under the name of BioAir®, the entire range was completely re-designed to meet the changing requirements of laboratory staff and increasingly stringent regulations.

At the top of the range are the Biohazard Cabinets (or Microbiological Safety Cabinets - MSC), the sum of the Company's know-how, certified to European standards (EN12469:2000) and also complying with Australian regulations. In other words, they are designed to provide technicians with the maximum level of safety when used according to GLP/GMP standards in their respective environments.

Today, in a facility occupying over 2,800 square meters, BioAir

manufactures a full range of microbiological safety cabinets, laminar flow cabinets and fume cupboards, with over 15 models, many of which available in different sizes. Customized models and cabinets designed for specific applications can be produced by our team of skilled engineers and operators.

Decades of experience in sales and support for cell biologists have enabled BioAir to give the market an extremely innovative CO₂ Incubator, the Safegrow® PRO, the fruit of deep knowledge of the optimum conditions required for critical tissue culture methods and input from scientists engaged in growing cells in vitro.

The core business of the recently established BioAir[®] Industrial Team is the design, manufacturing and validation of customized equipment for the protection of the operator and of the product in pharmaceutical and healthcare production facilities.

This dedicated team will leverage the long experience and production capability acquired in laboratory LAF applications to offer complex equipment ranging from **dispensing/ sampling Downflow Booths** and **Clean Rooms** to **RABS** and **Isolators** for Regenerative Medicine and Advanced Cell Therapy.

PLUS BIOAIR

MADE IN ITALY

Our products are designed and produced in Italy, drawing on the long tradition and internationally recognized high quality of Italian manufacturing, to bring you the best equipment for your safety.

TRADITION AND EXPERIENCE

All our Microbiological Safety Cabinets were designed with your safety in mind and that's a task where even the smallest details count. Our team stems directly from the company that launched the market for MSCs in Europe, so we put a lot of history and experience into all our products, as well as care over those often-overlooked details that improve your safety.

WE CARE FOR YOU

Thanks to our network of highly trained dealers and distributors, our complete portfolio and long experience in the field, we will always be able to help you find the right product for your needs, no matter how unique they are. And our commitment doesn't stop there: our Service network will make sure your equipment always performs at its best.



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