

Characteristics

Protection of the product, operator and environment

- Air is driven through a HEPA filter H14 through the work surface, contributing sterility to the area, then passes through a second HEPA filter H14 at the bottom of the cabin to climb towards the plenum where the air is expelled OUT through a third HEPA H14 filter.
- In addition, the unit has an inlet pre-filter that can be washed and reused.
- Working flow 400 m³/hr. Inner depression greater than 200 Pa.
- Built entirely of AISI 304 stainless steel.
- It has two butyl gloves.
- It has a lateral Pass Trough for material transfer.



Biological safety Cabin of type: class III according to normative EN 12469:2001



- Microprocessor-controlled cockpit with upgradeable FLASH memory and external LCD display for easy visualization of cabin control parameters (speeds, flow rates, plenum pressure, etc...).
- The cabinet is equipped with UV light, white light and visual and audible alarm from the cab's working fault. Includes connectors decontamination by H₂O₂.
- Hydrogen Peroxide decontamination connector.

Optional Accessories:

- Unit support table
- Chemical filtration module with activated carbon filter at the exit of sterile gases.
- Other connections for accessories.

Technical Specifications

MODEL	ASB III - 120	ASB III - 100
Internal Size (W x D x H) mm	1200 x 650 x 650	1000 x 650 x 700
Pass Box Size (W x D x H) mm	Internal Size: 400 x 390 x 340	Internal Size: 480 x 420 x 480
	External Size: 480 x 400 x 400	External Size: 510 x 440 x 500
External Size (W x D x H) mm	1850 x 700 x 1100	1700 x 700 x 1100
External Size (W x D x H) mm with table support*	1850 x 700 x 1950	1700 x 700 x 1950
Material	Work Surface and Body: 304 stainless steel	
Control System	Microprocesor with FLASH Memory	
Display	LCD display "touch play" de 5,7 "	
Air supply filter	HEPA H14 filter 99,995% according EN1822	
First exhaust filter	HEPA H14 filter 99,995% according EN1822	
Second exhaust filter	HEPA H14 filter 99,995% according EN1822	
Air Recirculation	NO	
Air Exhaust	100%	
Front window	Toughened glass, thickness is no less than 8 mm	
Air Clasification	ISO 4	
Noise	<55 dB	
Alarms	Visual and audio alarm	
Lighting Whit LED	>1000 lux 1 X 14W	
UV Lamp	UV lamps 2 x 20 w (temporized 20 min) for sterilization	
Power	220 v, 50/60 hz± 10%, 2 Amp.	
Compsumtion	400 w	
Packaging Size mm	2000 X 1000 X 1420	1800 X 1000 X 1420
Packaging Size with table support mm	2000 X 1000 X 2220	1800 X 1000 X 2220
Weight	300 Kg	280 Kg
Table support weight *	20 Kg	20 Kg
Aplicances	NSF 49, UNE EN 12469, UNE EN 13485, EN 61010	
* Optionals	Review optional accesories	

Ordering Information

Reference	Description
00-ASB120-III	Biological Safety Cabinet CLASS III EUROAIRE Mod. ASB-III-120
00-ASB100-III	Biological Safety Cabinet CLASS III EUROAIRE Mod. ASB-III-100