

BIOSAFETY CABINETS



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LAMINAR FLOW



The airflow in the Bio II is completely recycled through the perforated grills around the work surface and the operator protection is made by air streaming in front of the work surface: about 30% of the airflow is thrown through a second HEPA filter.



FEATURES

- Easy start-up
- Painted epoxy steel frame
- Perforated Stainless Steel Work Surface (304L) / 3 elements
- Removable front grill
- Reclining front window
- HEPA Filter H14 (with laminator)
- Electrical Plug on the right side
- Easy Maintenance By Front Access
- ECM Fan - Automatic Regulation
- Low sound level
- LCD screen (velocity, clogging state, alarms display)
- In Accordance with EN 12469.

Dimensions (mm)	BIO II 9 (3ft)		BIO II 12 (4ft)	
	Effective	Overall	Effective	Overall
Width	919	922	1226	1229
Height	Max: 500	1080	Max: 500	1080
Dept.	495	640	495	640
Weight (kg)	120		150	
Power (w)	1500			
Front Aperture	Closed: 183	Open: 405	Closed: 183	Open: 405
Overall Height on standard bench: 1890mm				

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The Optigel laminar airflow prevents cross-contamination. The new design provides maximum user space and comfort. Its horizontal flow of air enables the fitting of extra shelves inside the cabinet without obstructing the flow. The cabinet is equipped with a gel sealant system that enables faster and safer changing of the main filter. The CPT digital panel provides full data and control over cabinet features.

The Optigel provides a clean air working area class 100 (ISO 5). The air is constantly blown horizontally through a HEPA filter into the working area to protect the product. The Optigel has a DC motor with ECM technology: Energy consumption reduction of 40%.

Protecting the User, Product & Environment



FEATURES

- Digital display control showing air velocity, inside pressure, and working fan condition
- ECM Fan technology is designed to compensate automatically for filter clogging. Consuming 30-40% less electricity
- Greater efficiency with 3 separate filters (EN-1822)
- Aluminum framed HEPA filter, efficiency H-14 (99.995%)
- Extra sterility after utilization to a level of ISO -5
- In Accordance with ISO 14644

	OPTIGEL 9		OPTIGEL 12		OPTIGEL 18	
Dimensions (mm)	Internal	Overall	Internal	Overall	Internal	Overall
Height	920	925	1225	1250	1820	1840
Width	Internal: 550 Overall: 813					
Depth	Internal: 550 Overall: 911					
Weight (kg)	1740					
Height on Stand	80		100		150	