Polypropylene Biosafety Cabinet Class II B2

TopAir's Class II B2 Biological Safety cabinet, featuring 100% exhaust, protects lab staff, the environment and sensitive work processes in which biological agents are applied.

The cabinet offers a high level of contamination protection, based on two advanced HEPA filters operating at a typical efficiency of 99.9995%@0.3 um.
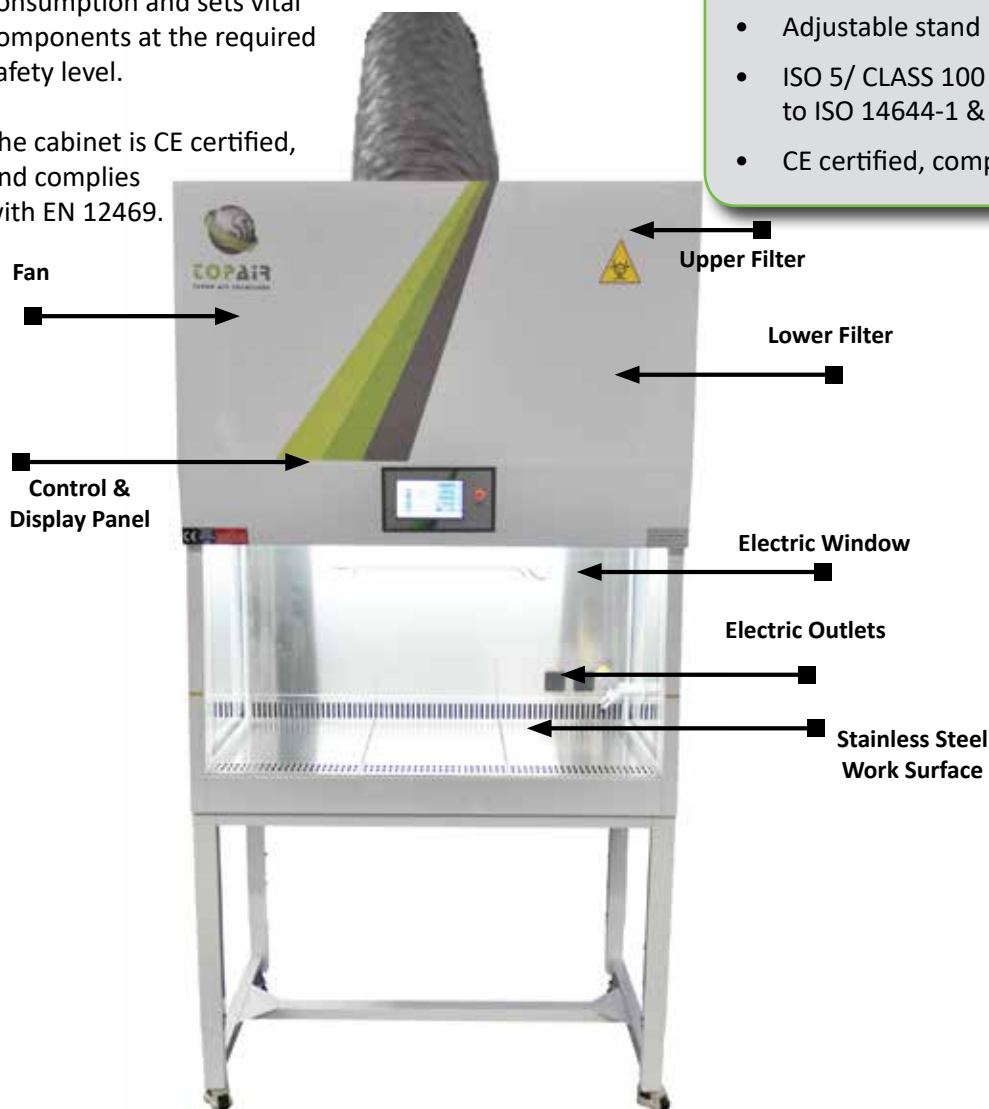
The cabinet's polypropylene structure offers an optimal solution as a solid, easily-cleaned high-resistance material.

The cabinet is equipped with a smart, safe and elegant touch-screen control system that protects the operator and provides alerts for periodic maintenance actions and devices' replacement.

All components have low energy consumption, LED lighting and an EC fan motor. The system also has a programmable "green" night mode, that shuts down all unnecessary electricity consumption and sets vital components at the required safety level.

The cabinet is CE certified, and complies with EN 12469.

- Polypropylene structure with high chemical resistance
- Tempered glass side walls, 304 stainless steel work surface & spill tray
- Two H14 HEPA filters
- Advanced EC fan
- Smart 7" touch screen control system
- Technician calibration screen
- Maintenance & technical faults alarms
- Timers and counters management screen
- Germicidal water proof UV light system and safety interlock mechanism
- 6 mm double layer safety front glass window with electrical motion system
- Programmable economical night mode
- Economical LED light
- 100% exhaust
- Adjustable stand
- ISO 5/ CLASS 100 cleanliness level according to ISO 14644-1 & USA Standard 209E
- CE certified, complies with EN 12469

Fan

Control & Display Panel

Upper Filter

Lower Filter

Electric Window

Electric Outlets

Stainless Steel Work Surface

Models

Spec/ Model	BO-090-PP-B	BO-120-PP-B	BO-150-PP-B	BO-180-PP-B
Outer Dimensions W x D x H	915 x 800 x 1500 mm mm 36 x 31.5 x 59"	1220 x 800 x 1500 mm 48 x 31.5 x 59"	1525 x 800 x 1500 mm 60 x 31.5 x 59"	1830 x 800 x 1500 mm 72 x 31.5 x 59"
Workspace (W x D x H)	830 x 600 x 640 mm 32.6 x 23.6 x 25.2"	1135 x 600 x 640 mm 44.7 x 23.6 x 25.2"	1440 x 600 x 640 mm 57 x 23.6 x 25.2"	1715 x 600 x 640 mm 67.5 x 23.6 x 25.2"
Front Sash Max Opening	450 mm / 17.7"			
Production/ Test Standard	CE / In Accordance with EN12469			
Downflow Velocity	0.45 m/s, 90 FPm			
Inflow velocity	0.5 m/s, 100 fpm			
Airflow pattern	100% exhaust			
Cleanliness level	Class 100/ISO 5			
Hood Material	Welded white polypropylene structure with stainless still 304 worktop			
Noise Level	<52dB	<52dB	<54dB	<60dB
	(Tested 20 cm from worktable, 1.2m above ground)			
Power Supply	115 / 230V, 50/60 Hz, Single phase			
Illumination	800 LUX, Eco-friendly LED lighting			
Filters	HEPA/ULPA			

* External fan and ducts are available.

Tel : +1-855-6-TOPAIR (+1-855-686-7247) Email: sales@topairsystems.com
Web: www.topairsystems.com I Headquarters USA: 8912 68th Avenue Forest Hills New York 11375, USA