

Polypropylene Biosafety Cabinet Class-A2



TopAir's Class A2 Biological Safety Cabinet protects lab staff, the environment and sensitive work processes in which biological agents are applied.

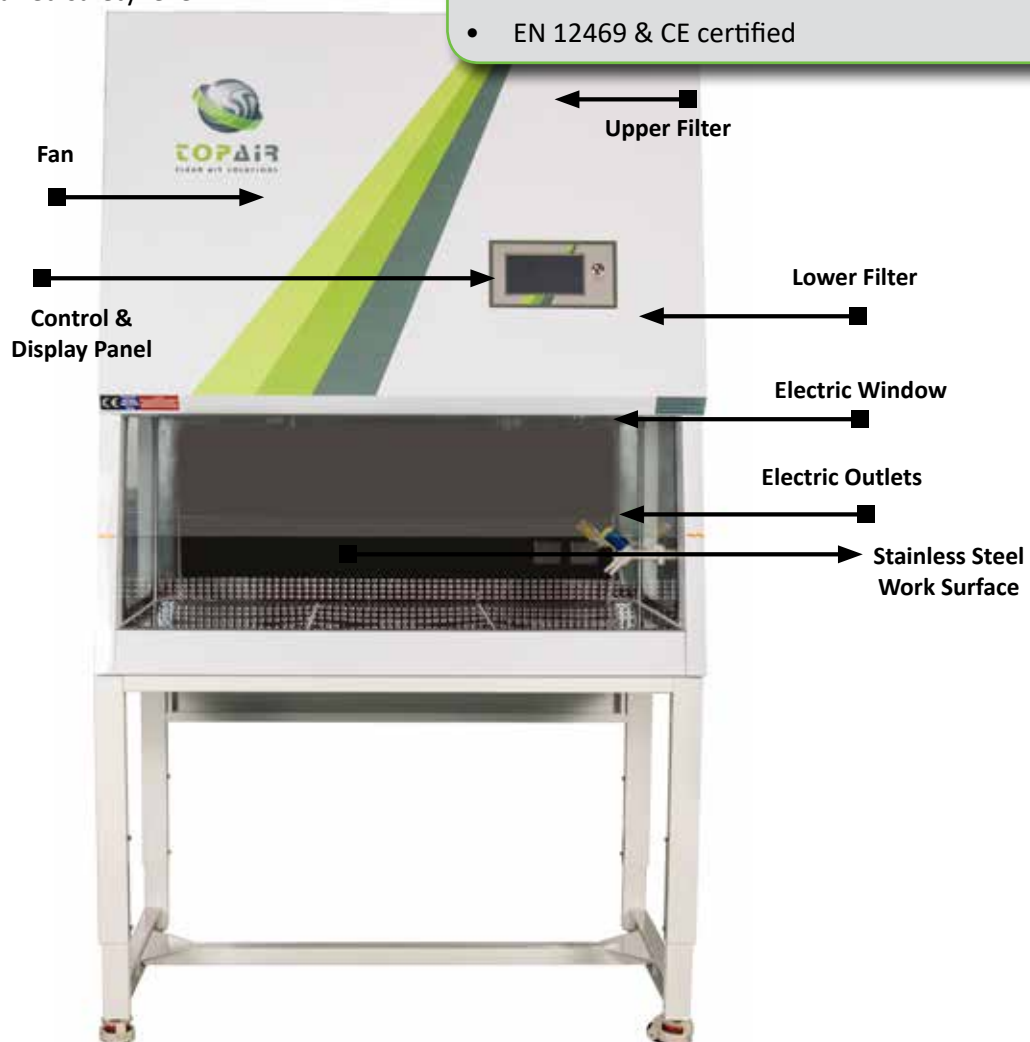
The product offers a high level of contamination protection, based on two advanced HEPA filters operating at a typical efficiency of 99.9995% @ 0.3 μm , with an airflow pattern of 70% downflow and 30% exhaust.

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.

- Polypropylene structure - high chemical resistance
- Tempered glass side walls, 304 stainless steel work surface & spill tray
- Two H14 HEPA filters
- Advanced EC fan with 304 stainless steel housing
- Smart touch screen control system
- 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
- Airflow Pattern: 70% circulation, 30% exhaust
- Economical LED light
- Adjustable stand
- ISO 5/CLASS 100 cleanliness level according to ISO 14644-1 & USA Federal Standard 209E
- EN 12469 & CE certified



Models

Spec/ Model	BO-090-PP	BO-120-PP	BO-150-PP	BO-180-PP
Outer Dimensions	925 x 850 x 2280 mm	1225 x 850 x 2280 mm	1525 x 850 x 2280 mm	1825 x 850 x 2280 mm
W x D x H	36.4 x 33.4 x 89.7"	47.2 x 33.4 x 89.7"	59 x 33.4 x 89.7"	71.8 x 33.4 x 89.7"
Workspace (W x D x H)	840 x 665 x 550 mm 33 x 26.2 x 21.65"	1140 x 665 x 550 mm 44.9 x 26.2 x 21.65"	1440 x 665 x 550 mm 57 x 26.2 x 21.65"	1715 x 665 x 550 mm 67.5 x 26.2 x 21.65"
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	70% circulation, 30% 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			

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