

# Polypropylene Biosafety Cabinet

TopAir's Class II Biological Safety Cabinets protect staff, the environment, and sensitive work processes in which biological agents are applied, typically in the biological and microbiological industries.

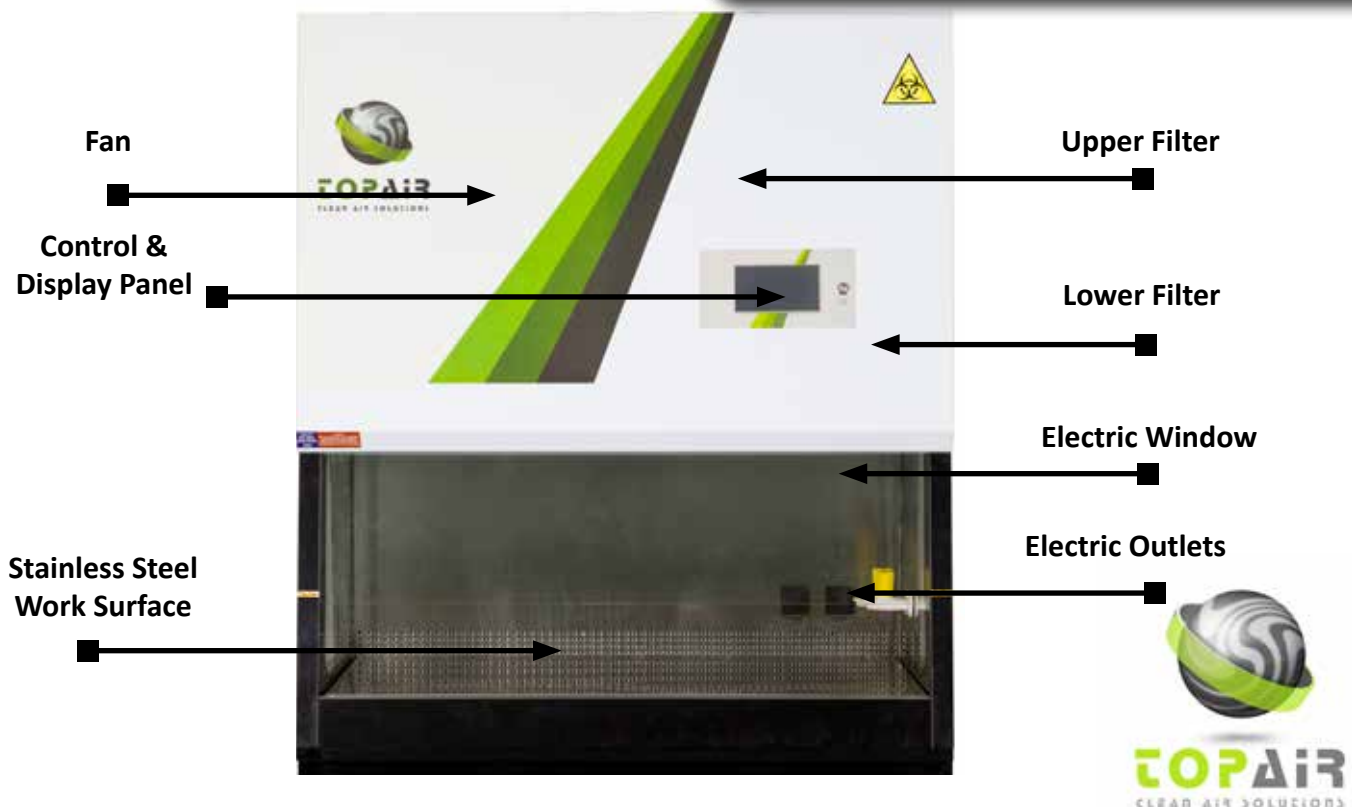
The product offers a high level of contamination protection, based on two advanced HEPA filters operating at a typical efficiency of 99.9995% @ 0.3 µm.

The polypropylene structure offers an optimal solution as an solid, easily-cleaned, high resistance material.

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

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

- Polypropylene structure
- 6 mm tempered glass side walls
- 304 stainless steel work surface and spill tray
- Two H14 HEPA filters
- Advanced EC fan with 304 stainless steel housing
- 55 dba noise level
- ISO 5/ CLASS 100 cleanliness level
- Smart, programmable advanced touch screen control system
- Technician calibration screen
- Maintenance alarms
- 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





# Models

Spec/ Model	BO-090PP	BO-120PP	BO-150PP	BO-180PP
Outer Dimensions W x D x H	925 x 800 x 2280 mm 36.4x 31.5 x 89.7"	1225 x 800 x 2280 mm 47.2 x 31.5 x 89.7"	1525 x 800 x 2280 mm 59 x 31.5 x 89.7"	1800 x 800 x 2280 mm 70.9 x 31.5 x 89.7"
Workspace (W x D x H)	840 x 665 x 550 mm 33 x 26.2 x 21.65"	1140 x 650 x 550 mm 44.9 x 26.2 x 21.65"	1440 x 650 x 550 mm 57 x 26.2x 21.65"	1715 x 650 x 550 mm 67.5 x 26.2 x 21.65"
Front Sash Max Opening	450 mm / 17.7"			
Production/ Test Standard	CE /EN12469			
Downflow Velocity	0.45 m/s, 90 FPM			
Inflow velocity	0.5 m/s, 100 fpm			
Cleanliness level	Class 100/ISO 5			
Cabinet 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)			
	115 / 230V 50/60 Hz, Single phase			
Illumination	>800-1000 LUX, Eco-friendly LED lighting			

**Tel : +1-855-6-TOPAIR (+1-855-686-7247) Fax: +1-718-263-7304**  
**Email: sales@topairsystems.com Web: www.topairsystems.com**

**Mailing Address:** TopAir Systems, Inc., P.O.Box 754338, Forest Hills, NY 11375 USA  
**Headquarters - USA:** 8912 68th Avenue Forest Hills New York 11375 USA  
**European Sales Office:** Evolution Testing & Analytical Services (UK) Ltd., Elstree House, Elstree Way, Borehamwood, Herts WD6 1SD, UK, Tel:+44-203-1374012, Email: sales@topairsystems.com