

Polypropylene Biosafety Cabinet Class II A2



TopAir's Class II 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.

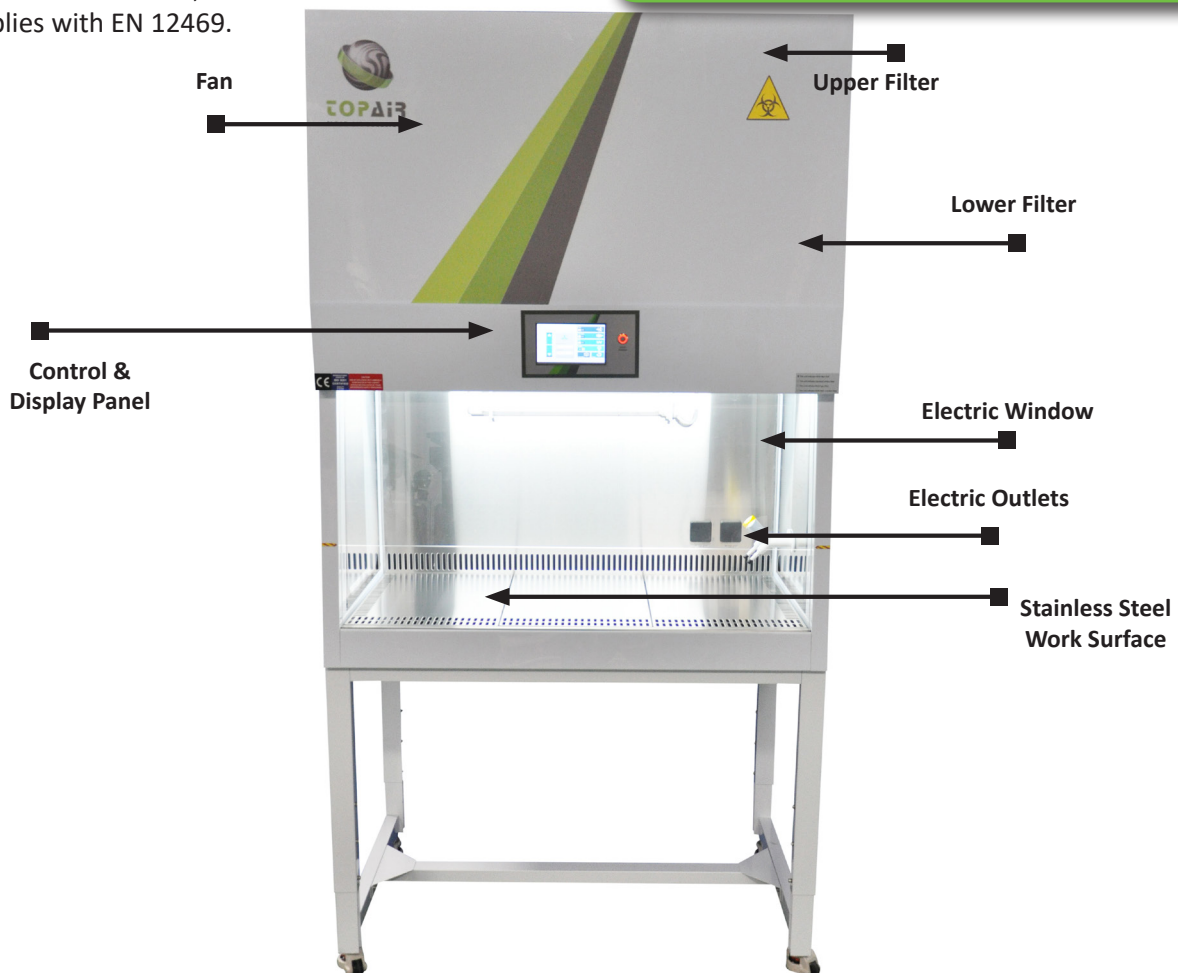
The Cabinet's polypropylene structure offers an optimal solution as a solid, easily-cleaned high-resistance material.

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.

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

- Polypropylene structure - 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
- 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
- CE certified, complies with EN 12469



Models

| Spec/ Model | BO-090-PP | BO-120-PP | BO-150-PP | BO-180-PP |
|----------------------------------|---|--|--|--|
| Outer Dimensions W x D x H | 915 x 800 x 1500 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 | 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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