



Ecoline Biosafety Cabinet Class II A2



TopAir's Ecoline Biosafety Cabinet protects lab staff, the environment and sensitive work processes in which biological agents are applied.

A compact, especially cost-effective benchtop unit, the cabinet offers a high level of contamination protection, based on two advanced ULPA H15 filters operating at an efficiency of @99.9995% @ 0.1 um, with an airflow pattern of 70% downflow and 30% exhaust.

The cabinet is made of robust, easily-cleaned anti-corrosive polypropylene with high resistance to acids and chemicals, which is optimal for clean rooms.

The cabinet is equipped with a smart, safe and elegant touch-screen control system that protects the operator and provides alerts for low airflow levels.

All components have low energy consumption, LED lighting and fan.

The cabinet is CE certified.

- Polypropylene structure with high chemical resistance
- 304 stainless steel work surface & spill tray
- Two ULPA H15 filters at Efficiency @99.9995% @ 0.1 um
- High efficiency quiet EC fan, 2 integrated taps and 2 electrical outlets
- Smart 7" color touch-screen control system
- Technician calibration screen
- Faults alarms
- Germicidal UV light system and safety interlock mechanism
- 6 mm triplex layer safety front glass window with electrical motion system
- Economical LED light
- **CE certified**

NEW!



Models

| Spec/ Model | ECO-BO-080-PP | ECO-BO-120-PP | ECO-BO-150-PP | ECO-BO-180-PP |
|--|---|---|---|---|
| Outer Dimensions W x D x H | 800 x 680 x 1220 mm | 1200 x 680 x 1220 mm | 1500 x 680 x 1220 mm | 1800 x 680 x 1220 mm |
| | 31.5 x 26.7 x 48" | 47.2 x 26.7 x 48" | 59 x 26.7 x 48" | 70.8 x 26.7 x 48" |
| Workspace (W x D x H) | 720 x 500 x 570 | 1120 x 500 x 570 | 1420 x 500 x 570 | 1720 x 500 x 570 |
| | 28.3 x 19.7 x 22.4" | 44 x 19.7 x 22.4" | 55.9 x 19.7 x 22.4" | 67.7 x 19.7 x 22.4" |
| Front Sash Max Opening | 400 mm / 15.7 | 400 mm / 15.7 | 400 mm / 15.7" | 400 mm / 15.7" |
| Filter Type | ULPA H15 Efficiency @99.9995% @ 0.1 um | ULPA H15 Efficiency @99.9995% @ 0.1 um | ULPA H15 Efficiency @99.9995% @ 0.1 um | ULPA H15 Efficiency @99.9995% @ 0.1 um |
| Downflow Velocity | 0.33 m/s, 60 FPM | 0.33 m/s, 60 FPM | 0.33 m/s, 60 FPM | 0.33 m/s, 60 FPM |
| Inflow velocity | 0.5 m/s, 100 fpm | 0.5 m/s, 100 fpm | 0.5 m/s, 100 fpm | 0.5 m/s, 100 fpm |
| Airflow pattern | 70% circulation, 30% exhaust | 70% circulation, 30% exhaust | 70% circulation, 30% exhaust | 70% circulation, 30% exhaust |
| Cleanliness level | Class 100/ISO 5 | Class 100/ISO 5 | Class 100/ISO 5 | Class 100/ISO 5 |
| Cabinet Material | Welded white polypropylene structure with stainless still 304 worktop | Welded white polypropylene structure with stainless still 304 worktop | Welded white polypropylene structure with stainless still 304 worktop | Welded white polypropylene structure with stainless still 304 worktop |
| Noise (Tested 20 cm from the work table, 1.2m above ground) | <52dB | <52dB | <52dB | <52dB |
| Power Supply | 115/230V, 50/60 Hz, Single phase | 115/230V, 50/60 Hz, Single phase | 115/230V, 50/60 Hz, Single phase | 115/230V, 50/60 Hz, Single phase |

Optional Accessories

| MODEL | ACCESSORY |
|---------------|----------------|
| ECO-BO-120-ST | Metal Stand |
| ECO-BO-080-ST | Metal Stand |
| ECO-BO-ST-CA | Set of Casters |