



# Ecoline Biosafety Cabinet Class II A2



**NEW!**

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**



# 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	0.26 m/s, 52 fpm	0.26 m/s, 52 fpm	0.26 m/s, 52 fpm	0.26 m/s, 52 fpm
Inflow velocity	0.44 m/s, 88 fpm	0.44 m/s, 88 fpm	0.44 m/s, 88 fpm	0.44 m/s, 88 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)	<60dB	<66dB	<66dB	<66dB
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