



# FORENSIC PRODUCT LINE

TOPAIR SYSTEMS



## Models - Cyanoacrylate Fuming Chamber

Spec/Model	SG-060-P	SG-075-P	SG-090-P	SG-120-P	SG-150-P	SG-180-P
External Dimensions W x D x H	610*450*610mm 24*18*24"	760*710*1270mm 30*28*50"	910*710*1270mm 36*28*50"	1220*710*1270mm 48*28*50"	1520*710*1270mm 60*28*50"	1830*710*1270mm 72*28*50"
Noise*	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	3 kg	5 kg	5 kg	7 kg	8 kg	8 kg
Prefilter (Qty.)	1	1	1	1	1	1
Power Supply	115 / 230V 50/60 Hz, Single phase					
Switches	Main ON/OFF					
Monitoring	Electronic Display					
Fan	Low Noise Centrifugal					
Construction	Polypropylene Structure, Safety Triplex Glass					
Production/Test Standard	CE					

\* Tested 20 cm from the work table, 1.2m above ground

Optional: for elevated height size -75" add **T** to the end of the C/N

### Programmable Electronic Control

The electronic control system includes easy on-screen functions to program heating, humidity control, Purging, and RH Sensor calibration. Main and Pre Filters are supplied as standard with all chambers and are listed here for replacement purposes.

\* Prefilters are supplied as standard with all units. Efficiency is over 90%. The filters remove particles from the airstream before it flows through the Main Filter.

\*\* Filters must be changed on a regular basis to maintain chamber efficiency.



### Operation Process

- The evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- The door is closed and the start button is pushed. The door locks automatically.
- The humidifier is activated, increases humidity to 60%-80% and the hot plate generates vapors evaporation into the chamber.
- The purging continues for a 20-30 minute cycle.
- Once the cycle has completed, the evidence can be examined.

# Cyanoacrylate Fuming Chamber

TopAir's Cyanoacrylate Fuming Chamber is used to develop latent prints from non-porous surfaces in a safe, controlled environment.

Cyanoacrylate is placed inside the chamber while evidence is easily positioned using the adjustable hanging rods. Starting the cycle triggers the automated system to control the hotplate, humidity, level, door lock, internal circulation fan and purge cycle.

It's recirculatory design enables the system to operate and setup with no ducting required.

The cyanoacrylate vapors are filtered by a carbon filter. This ensures that no dangerous substances are exhausted in to the atmosphere surrounding the laboratory. Its ductless construction also allows the unit to be easily moved and transported.

- Control System displays all parameters of the processing cycle
- 3 built-in programs in the control system + an open program for user programming
- Can be activated automatically, or manually with an option for temperature and humidity control.
- Filtering system with a carbon filter + pre filter
- Eco-friendly, cost-saving LED lighting
- Alarm for end of automatic cycle
- Audio-Visual 10-second alarm
- CE certified



## Models - Water Filtration Cyanoacrylate Fuming Chamber

Spec/Model	SG-060-WF	SG-075-WF	SG-090-WF	SG-120-WF	SG-150-WF	SG-180-WF
External Dimensions W x D x H	610*450*610mm 24*18*24"	760*710*1270mm 30*28*50"	910*710*1270mm 36*28*50"	1220*710*1270mm 48*28*50"	1520*710*1270mm 60*28*50"	1830*710*1270mm 72*28*50"
Noise*	<53 dBA	<53 dBA	<53 dBA	<53 dBA	<53dBA	<53 dBA
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Power Supply	115 / 230V 50/60 Hz, Single phase					
Switches	Main ON/OFF					
Monitoring	Electronic Display					
Fan	Low Noise Centrifugal					
Construction	Polypropylene Structure, Safety Triplex Glass					
Production/Test Standard	CE					

\* Tested 20 cm from the work table, 1.2m above ground

Optional: for elevated height size -75" add **T** to the end of the C/N

### Programmable Electronic Control

The electronic control system includes easy on-screen functions to program heating, humidity control, Purging, and RH Sensor calibration.

\*An advanced unique water filtration process that replaces the old conservative carbon filter system



### Operation Process

- The evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- The door is closed and the start button is pushed. The door locks automatically.
- The humidifier is activated, increases humidity to 60%-80% and the hot plate generates vapors evaporation into the chamber.
- The purging continues for a 20-30 minute cycle.
- Once the cycle has completed, the evidence can be examined.

# Water Filtration Cyanoacrylate Fuming Chamber

TopAir's Cyanoacrylate Fuming Chamber is used to develop latent prints from non-porous surfaces in a safe, controlled environment.

Cyanoacrylate is placed inside the chamber while evidence is easily positioned using the adjustable hanging rods. Starting the cycle triggers the automated system to control the hotplate, humidity level, door lock internal circulation fan and purge cycle.

Its recirculatory design enables the system to operate and setup with no ducting required.

The cyanoacrylate vapors are filtered by water. This ensures that no dangerous substances are exhausted into the atmosphere surrounding the laboratory. Its ductless construction also allows the unit to be easily moved and transported.

- Control System displays all parameters of the processing cycle
- 3 built-in programs in the control system + an open program for user programming
- Can be activated automatically, or manually with an option for temperature and humidity control.
- Filtering system with a water filter
- Eco-friendly, cost-saving LED lighting
- Alarm for end of automatic cycle
- Audio-Visual 30-second alarm
- CE certified



## Models - Ecoline Cyanoacrylate Fuming Chamber

### DUCTED CYANOACRYLATE CHAMBER



Spec/Model	SG-ECO-90-P	SG-ECO-120P
Dimensions WxDxH	900 x 400 x 400 mm 35.4 x 15.7 x 15.7"	1200 X 400 X 400 mm 47.2 x 15.7 x 15.7"
Lighting	LED 18 W	LED 18 W
Power Supply	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase
Switches	Main ON/OFF/ Lights / Humidifier/Hotplate	Main ON/OFF/ Lights / Humidifier/Hotplate
Display	Humidity	Humidity
Construction	Polypropylene structure, safety Triplex glass	Polypropylene structure, safety Triplex glass
Humidifier	External adjustable ultrasonic	External adjustable ultrasonic
Hotplate	Preset 120 c	Preset 120 c

\*Requires external fan(not included)

### DUCTLESS CYANOACRYLATE CHAMBER



Spec/Model	SG-ECO-FIL-90	SG-ECO-FIL-120
Airflow (m3/hr)	110	110
Dimensions WxDxH	900x400x250 35.4 x 15.7 x 9.8"	1200x400x250 47.2 x 15.7 x 9.8"
Filter	carbon	carbon
Power Supply	115v 60hz / 230 50hz	115v 60hz / 230 50hz

Top Air's Ecoline Cyanoacrylate Fuming Chamber is an innovative, compact and flexible fingerprint-developing system for non-porous surfaces in a safe, controlled environment.

The unit is built from a non-corrosive and highly chemical resistant polypropylene structure for increase durability.

A transparent front door and internal LED lighting enables a high level of comfort.

Cyanoacrylate is placed inside the chamber and the evidence is easily positioned.

The unit is manually activated and includes a 120c preset hotplate and a manually controlled humidifier.

The standard main unit is designed to be connected to an external exhaust system.

Other options are available to make the unit completely independent –

- Connect to a dedicated inline fan system, up to 5 meters from the cabinet
- Connect to a dedicated carbon filtration system, and work as a closed circulation device.

- Control System displays all parameters of the processing cycle

- Filtering system with a carbon filter + pre filter

- Eco-friendly, cost-saving LED lighting

- CE certified





TopAir's Downflow Workstation is a stand alone, ductless unit that protects lab staff from harmful powders or fumes.

The Downflow Workstation features an open structure which enables close inspection of various lab materials, while still providing a high level of protection.

Particles or fumes flow downward through the stainless steel work surface and contaminants are removed using several filters.

Following the filtering of fumes or particulates, clean air flows back into the room.



- Polypropylene structure with high chemical resistance
- Electrical - 110/220v, 60/50hz
- Light - 24w LED
- Worktop - 304 SUS
- Filters - H14 HEPA/ carbon
- Alarm - High pressure (filter block)
- Welded white polypropylene structure
- Eco-friendly, cost-effective 800 LUX LED lighting
- Convenient front access for filter replacement
- Stainless steel worktop combine with a drawer for easy cleaning
- User-friendly digital control system including fan speed control

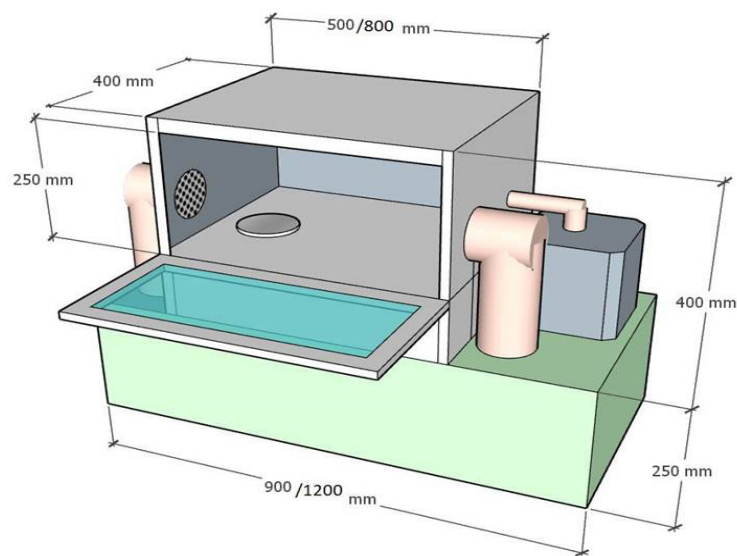
Spec/Model	DF-60	DF-90	DF-120
External Dimensions WxDxH	60 x 70 x 120 cm	90 x 70 x 120 cm	120 x 70 x 120 cm
	23.6 x 27.5 x 47.2"	35 x 27.5 x 47.2"	47.2 x 27.5 x 47.2"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Internal Height	70 cm / 27.5"	70 cm / 27.5"	70 cm / 27.5"
Power Supply	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase



ECO CYANOACRYLATE WITH INLINE EXHAUST FAN



Spec/Model	SG-ECO- ESH-90	SG-ECO- ESH-120
Airflow (m3/hr)	110	110
Power Supply	115v 60hz / 230 50hz	115v 60hz / 230 50hz



## Models - Evidence Drying cabinet

Spec/Model	EV-075	EV-090	EV-100	EV-120
External Dimension WxDxH	760*710*1900 mm 30" x 28" x 75"	910*710*1900 mm 36" x 28" x 75"	1000*710*1900 mm 39" x 28" x 75"	1220*710*1900 mm 48" x 28" x 75"
Inner Capacity (L)	510	690	770	880
Weight	110	120	134	150
Power Consumption	150w	150w	150w	150w
Power Supply	115 / 250V 50/60 Hz, Single phase	115 / 250V 50/60 Hz, Single phase	115 / 250V 50/60 Hz, Single phase	115 / 250V 50/60 Hz, Single phase
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene

Spec/Model	EV-150	EV-190	EV-240
External Dimension WxDxH	1520*710*1900 mm 60" x 28" x 75"	1930*710*1900 mm 76" x 28" x 75"	2430*710*1900 mm 96" x 28" x 75"
Inner Capacity (L)	1200	1360	1700
Weight	170	200	260
Power Consumption	400w	550w	550w
Power Supply	115 / 250V 50/60 Hz, Single phase	115 / 250V 50/60 Hz, Single phase	115 / 250V 50/60 Hz, Single phase
Material	Polypropylene	Polypropylene	Polypropylene

\*Optional: for the Duplex design add the letter **-DL** to the end of the C/N

Spec/Model	EV-XXX
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS	



# Evidence Drying Cabinet

TopAir's advanced Forensic Evidence Drying Hood protects wet or damp evidence from detrimental factors such as potential cross contamination and airborne pathogens.

The hood also creates an effective shield for staff, preventing the operators from being exposed to harmful blood-borne pathogens and harmful bacteria or viruses.

The unit's UV light performs additional disinfection of the Hood's interior between sessions. This prevents cross contamination and ensures the integrity of samples for the purpose of DNA testing.

The unit is designed to clean the incoming air streams through pre-filtration and then filter the Hood exhaust air using HEPA filtration.

TopAir can customize the ductless evidence drying Hoods to meet customer requirements.

- Polypropylene structure with high chemical resistance
- Clear triplex safety glass
- Polypropylene internal & external cover
- Pre filter and Hepa filter – supply and exhaust
- Internal RH and temperature display
- Top quality purge fan
- UV sterilization + safety interlock mechanism
- Bottom draining basin with tap
- Electrical - 110/220V, 60/50hz



# FUME HOOD

## METAL FUME HOOD



- Metal epoxy-coated oven-tempered structure
- Tempered glass sliding front sash
- Air suction from both the top and back panel
- LED lighting at 800 LUX
- Side walls 6 mm HPL
- Ceramic work surface with raised edges.
- 7" color touch screen controlling lighting and power.
- Optional VAV system.
- Includes metal lower base cabinet
- EN-14175 / CE / ASHRAE 110-1995 certified

## WALK IN HOOD



- Polypropylene structure with high chemical resistance
- Large front horizontal doors
- 800 LUX LED lighting
- Optional: sink/water tap/gas tap/vacuum tap
- 10.1" color touch screen controlling lighting and power.
- Optional VAV system.
- CE certified

## WET SCRUBBER HOODS



- Polypropylene structure with high chemical resistance
- Spray Nozzles, Upper Eliminator, Scrubbing Media  
Water Pump, Water Tank, Visual + Audio Alarm for low water level
- Low pressure drop
- 10.1" color touch screen controlling lighting and power.
- Optional VAV system.
- CE certified

## DUCTLESS PRO



- Polypropylene structure, high chemical resistance
- 10.1" color touch screen air velocity display & alarm
- Chemical sensor alarm
- Tempered glass sliding front window
- Variety of HEPA & carbon filters
- Complies with AFNOR NFX 15-211 (Class 1 & 2)
- EN-14175 / CE / ASHRAE 110-1995 certified

## DUCTLESS WALK IN



- Polypropylene structure, high chemical resistance
- 10.1" color touch screen air velocity display & alarm
- Tempered glass- horizontal doors
- Variety of HEPA & carbon filters
- Complies with AFNOR NFX 15-211 (Class 1 & 2)
- CE certified

## VALUE LINE



- Compact, cost-effective benchtop model
- Polypropylene structure with high chemical resistance
- 7" color touch screen - airflow display & alarm
- Tempered glass side windows and sliding front sash
- 800 LUX LED light
- Variety of HEPA & carbon filters
- CE certified

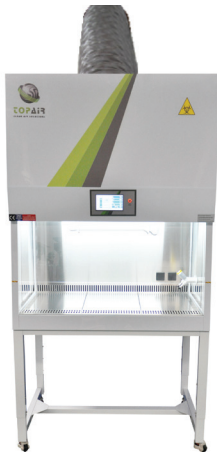
# BIOSAFETY CABINET

## CLASS II A2



- Polypropylene structure - high chemical resistance
- 304 stainless steel work surface
- Two ULPA H15 filters @99.9995% @ 0.1 um
- Smart 10.1" color touch screen control system
- Maintenance & technical faults alarms
- Germicidal water proof UV light system and safety interlock mechanism
- Airflow Pattern: 70% circulation, 30% exhaust
- ISO 5/CLASS 100 cleanliness level according to ISO 146441 & USA Federal Standard 209E
- CE certified, complies with EN 12469

## CLASS II B2



- Polypropylene structure, high chemical resistance
- 304 stainless steel work surface & spill tray
- Two ULPA H15 filters -efficiency @99.9995% @ 0.1 um
- Smart 10.1" color touch screen control system
- Germicidal water proof UV light system and safety interlock mechanism
- System alarm and downflow fan shutdown upon inflow failure
- Air flow pattern: 100% exhaust
- ISO 5/ CLASS 100 cleanliness level according to ISO 14644-1 & USA Standard 209E
- CE certified

## ECOLINE CLASS II A2



- Polypropylene structure with high chemical resistance
- 304 stainless steel work surface & spill tray
- Two ULPA H15 filters at Efficiency @99.9995% @ 0.1 um
- Smart 7" color touch-screen control system
- Germicidal UV light system and safety interlock mechanism
- 6 mm triplex layer safety electrical front glass window
- CE certified

## VERTICAL LAMINAR CLEAN BENCH



- Polypropylene or metal structure with high chemical resistance
- Vertical air stream
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- 10.1" screen with air velocity display
- Automatic configuration for air velocity
- Metal stand
- LED lighting
- Compliance with Test Standard:

US Federal Standard 209E / ISO 14644-1 / CE

## HORIZONTAL LAMINAR CLEAN BENCH



- Polypropylene or metal structure with high chemical resistance
- Horizontal air stream
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- 10.1" screen with air velocity display
- Automatic configuration for air velocity
- Metal stand
- LED lighting
- Compliance with Test Standard:

US Federal Standard 209E / ISO 14644-1 / CE

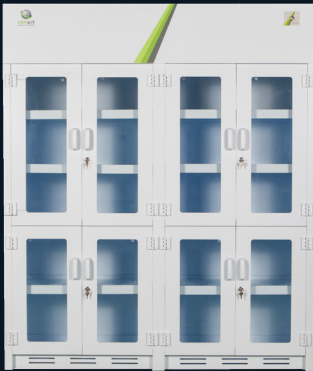
## PCR CABINET



- Polypropylene structure with high chemical resistance
- Ozone free UV lightbulb, UV output at 1M 254nm
- Tempered front sliding glass window
- 800 LUX LED lighting
- UV light
- Smart safety mechanism prevents UV exposure
- 7" color touch screen
- Optional stand, Hepa filter



# POLYPROPYLEN CASEWORK



TOPAIR SYSTEMS



**TOPAIR**  
CLEAN AIR SOLUTIONS

[www.topairsystems.com](http://www.topairsystems.com)

Tel: 1-855-6-TOPAIR / International: +1-855-686-7247

Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

Email: [sales@topairsystems.com](mailto:sales@topairsystems.com)