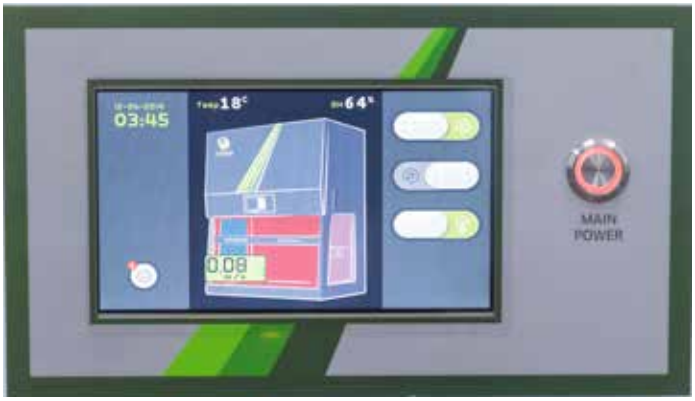
TOPAIR SYSTEMS

Full Catalog



2022 VER A

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Email: sales@topairsystems.com Web: www.topairsystems.com
Headquarters: TopAir Systems Inc., 300 First Avenue, Suite 102, Needham, MA 02494 USA

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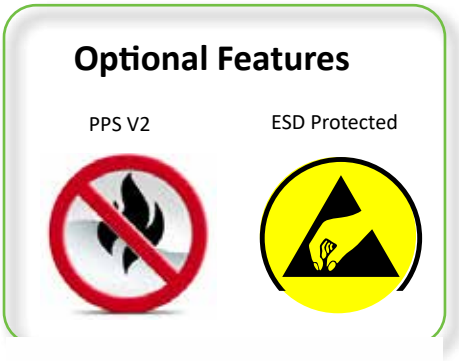
About TopAir Systems

TopAir Systems is a manufacturer and provider of superior clean air and containment solutions. TopAir's clean air solutions are used in laboratories and manufacturing facilities within chemical/biological plants, universities, research & development facilities and hospitals, as well as in the electronics, semiconductor and pharmaceutical industries. The company has a worldwide customer base, with active sales in Europe, North & South America and Africa.

At TopAir Systems customer satisfaction comes first: The company exercises a flexible approach, customizing products in accordance with customer requests regarding dimensions, technical specifications and accessories. Moreover, TopAir Systems offers a variety of products and models to accommodate and cover customer needs. Finally, the company develops cost-effective solutions of the highest quality, to ensure customer satisfaction.

Product safety is a top priority: The most stringent guidelines are implemented to ensure the wellbeing of lab and manufacturing personnel, and the products comply with the relevant international certifications.

All products can be ordered with PPS OR ESD protection.



Biosafety Cabinet

New Ductless Pro Fume Hood

Ductless Fume Hood

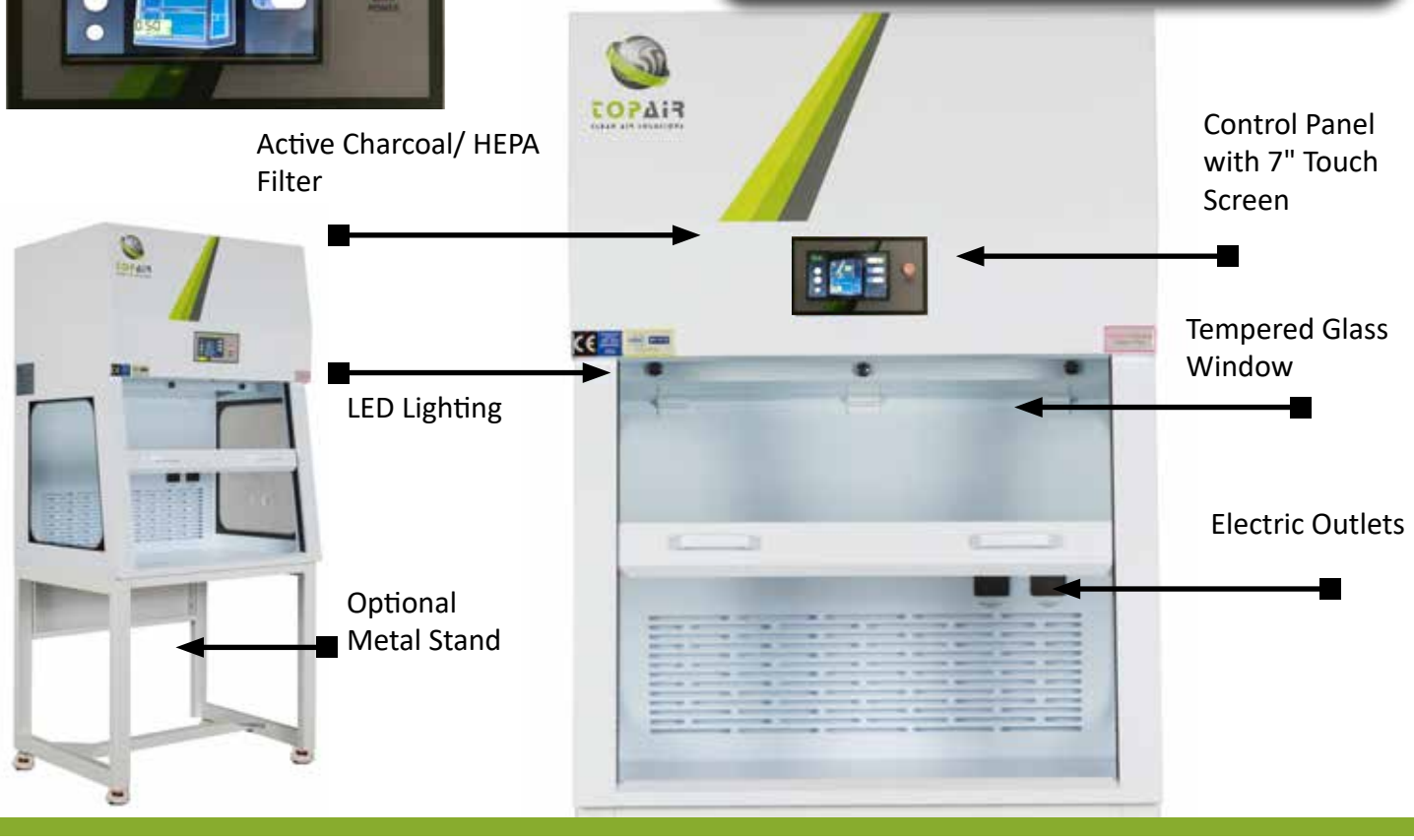
Topair's Polypropylene Ductless Fume Hood provides a safe work environment for lab staff working with acids and harsh chemicals.

The Ductless Fume Hood offers **an air velocity display and alarm.**
The electrical and mechanical components are manufactured by leading global companies, such as AAF USA. The products are **EN-14175 / CE / ASHRAE 110-1995 certified. They comply with AFNOR NFX 15-211 standard (Class 1 and 2); and are EN-14175 / CE / ASHRAE 110-1995 certified**

Advanced Operation System
- Air velocity display
- Color 7" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm for HEPA/carbon filters

TopAir's Polypropylene Ductless Fume Hood - Basic can be customized to the requirements of each client.

- **Airflow alarm and display**
- **RED alert light**
- Polypropylene structure with high chemical resistance
- Built-in sealed polypropylene worktop or choice
  of epoxy, stainless steel, ceramic , Trespa
- Optional stand
- Tempered glass sliding front window
- High efficiency quiet EC fan
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Air velocity - 0.5±0.1 m/s, 100±20 FPM
- Convenient front access for filter replacement
- Variety of HEPA & carbon filters
- Exhaust point for connecting a second filter or an external exhaust.
- XL model with 2 internal filters is also available
- **EN-14175 / CE / ASHRAE 110-1995 certified**
- **Complies with AFNOR NFX 15-211 standard (Class 1 & 2); EN-14175 / CE / ASHRAE 110-1995 certified**



Models

Spec/ Model	CF-060-PP	CF-090-PP	CF-120-PP	CF-150-PP	CF-180-PP
Outer Dimensions for standard model W x D x H	600 x 750 x 1223 mm 23.62 x 29.5 x 48”	900 x 750 x 1223 mm 35.4 x 29.5 x 48”	1200 x 750 x 1223 mm 47.24 x 29.5 x 48”	1500 x 750 x 1223 mm 59 x 29.5 x 48”	1800 x 750 x 1223 mm 70.8 x 29.5 x 48”
Dimensions for XL model with 2 internal filters W x D x H For XL models add –XL to P/N	600 x 750 x 1500 mm 23.62 x 29.5 x 59"	900 x 750 x 1500 mm 35.4 x 29.5 x 59"	1200 x 750 x 1500 mm 47.24 x 29.5 x 59"	1500 x 750 x 1500 mm 59 x 29.5 x 59"	1800 x 750 x 1500 mm 70.8 x 29.5 x 59"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	585 x 590 x 695 mm 23 x 23.2 x 27.3"	885 x 590 x 695 mm 34.8 x 23.2 x 27.3"	1185 x 590 x 695 mm 46.6 x 23.2 x 27.3"	1485 x 590 x 695 mm 58.4 x 23.2 x 27.3"	1785 x 590 x 695 mm 70.2 x 23.2 x 27.3"
Front Sash Max. Opening	495 mm / 19.5"				
Test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<50dB	<52dB	<55dB	<55dB	<55dB
(Tested 20 cm from the work table, 1.2m above ground)					
Power Supply	110 / 220V, 50/60 Hz, Single phase				
Illumination	800 LUX, Eco-friendly LED lighting				
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA				

Accessories

Description	Model
Metal stand	CF-size-ST
Polypropylene base cabinet	CF-size-BS
UV light	CF-size-UV
Gas tap	CF-GTAP
Water tap	CF-WTAP
Polypropylene cup sink	CF-PP-SINK
Polypropylene sink 30 x 40	CF-SINK-3040
Power outlet installed	CF-SOCKET

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Ductless Fume Hood-PRO

Topair's Polypropylene Ductless Fume Hood - PRO provides a safe work environment for lab staff working with acids and harsh chemicals.

The hood includes an advanced VAV (Variable Air Volume) system. The VAV system measures the product's air velocity using a high quality sensor, and adjusts the air velocity speed to the relevant standard.

Maximal energy savings are enabled by flexibly adjusting the fan speed (high/low) as needed. The system features a high safety level, displaying real time air velocity and providing alarms for low velocity levels, thus reducing the fume hood's noise level.

Advanced Operation System

- Color 9" touch screen
- Hour counter for filter
- Filter replacement alarm for HEPA/Carbon filters
- Sensor for temperature and humidity

The products are **EN-14175 / CE / ASHRAE 110-1995 certified and comply with AFNOR NFX 15-211 (Class 1 & 2)**

NEW!

- Automatic airflow control (VAV) with 9" color touch screen, various operation speeds, configurable alarms, visual & audio alarms.
- Chemical sensor alarm
- Polypropylene structure, high chemical resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic , Trespa
- Optional stand,
- High efficiency EC fan
- Tempered glass sliding front window
- 800 LUX LED lighting
- Air velocity - 0.5 m/s, 100 FPM
- Convenient front access for filter replacement
- Variety of HEPA & carbon filters
- Exhaust point for connecting a 2nd filter or an external exhaust.
- XL model with 2 internal filters is also available
- **Complies with AFNOR NFX 15-211 (Class 1 & 2)**
- **EN-14175 / CE / ASHRAE 110-1995 certified**

Chemical Sensor Alarm
Samples the chemical level after filtration, displays PPM results and alerts upon low filtration efficiency

Active Charcoal/ HEPA Filter

Red Light Alert
A red light inside the unit switches on whenever there is any kind of a failure (including chemicals or air velocity failures) while the system light switches off. This enables convenient detection of failures, even by people with hearing issues, and from a distance.

Optional base

Models

Spec/ Model	CF-060-PRO	CF-090-PRO	CF-120-PRO	CF-150-PRO	CF-180-PRO
Outer Dimensions W x D x H	600 x 750 x 1223 mm 23.62 x 29.5 x 48”	900 x 750 x 1223 mm 35.4 x 29.5 x 48”	1200 x 750 x 1223 mm 47.24 x 29.5 x 48”	1500 x 750 x 1223 mm 59 x 29.5 x 48”	1800 x 750 x 1223 mm 70.8 x 29.5 x 48”
Dimensions for XL model with 2 internal filters W x D x H For XL models add –XL to P/N	600 x 750 x 1500 mm 23.62 x 29.5 x 59"	900 x 750 x 1500 mm 35.4 x 29.5 x 59"	1200 x 750 x 1500 mm 47.24 x 29.5 x 59"	1500 x 750 x 1500 mm 59 x 29.5 x 59"	1800 x 750 x 1500 mm 70.8 x 29.5 x 59"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	585 x 590 x 695 mm 23 x 23.2 x 27.3"	885 x 590 x 695 mm 34.8 x 23.2 x 27.3"	1185 x 590 x 695 mm 46.6 x 23.2 x 27.3"	1485 x 590 x 695 mm 58.4 x 23.2 x 27.3"	1785 x 590 x 695 mm 70.2 x 23.2 x 27.3"
Front Sash Max. Opening	495 mm / 19.5"				
Test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<52dB	<52dB	<54dB	<60dB	<62dB
(Tested 20 cm from the work table, 1.2m above ground)					
Power Supply	110 / 220V, 50/60 Hz, Single phase				
Illumination	800 LUX, Eco-friendly LED lighting				
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA				

Accessories

Description	Model
Metal stand	CF-size-ST
Polypropylene base cabinet	CF-size-BS
UV light	CF-size-UV
Gas tap	CF-GTAP
Water tap	CF-WTAP
Polypropylene cup sink	CF-PP-SINK
Polypropylene sink 30 x 40	CF-SINK-3040
Power outlet installed	CF-SOCKET

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Educational Ductless Fume Hood with 360° Clear Glass

Topair's Educational Ductless Fume Hood with all-around clear glass provides 360° transparency for exceptional visibility in educational sessions.
The fume hood offers a safe work environment for lab staff working with acids and harsh chemicals.

The product's electrical and mechanical components are manufactured by leading global companies, such as AAF USA. The products are **EN-14175 / CE / ASHRAE 110-1995 certified. Complies with AFNOR NFX 15-211 standard (Class 1 and 2).**

Advanced Operation System:

- Color 7" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

TopAir's Educational Ductless Fume Hood can be customized to the requirements of each client.

- 360° transparency for exceptional visibility
- Polypropylene structure, high chemical resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic, Trespa
- Optional stand
- Tempered glass sliding front window
- High efficiency quiet EC fan
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Air velocity - 0.5±0.1 m/s, 100±20 FPM
- Advanced operation system -
- Convenient front access for filter replacement
- Variety of HEPA & carbon filters
- Exhaust point for connecting a second filter or an external exhaust.
- XL model with 2 internal filters is also available
- **Complies with AFNOR NFX 15-211 standard (Class 1 and 2)**
- **EN-14175 / CE / ASHRAE 110-1995 certified**

Models

Spec/ Model	CF-060-CB	CF-090-CB	CF-120-CB	CF-150-CB	CF-180-CB
Outer dimensions for standard model W x D x H	600 x 750 x 1223 mm 23.62 x 29.5 x 48”	900 x 750 x 1223 mm 35.4 x 29.5 x 48”	1200 x 750 x 1223 mm 47.24 x 29.5 x 48”	1500 x 750 x 1223 mm 59 x 29.5 x 48”	1800 x 750 x 1223 mm 70.8 x 29.5 x 48”
Dimensions for XL model with 2 internal filters W x D x H For XL models add –XL to P/N	600 x 750 x 1500 mm 23.62 x 29.5 x 59"	900 x 750 x 1500 mm 35.4 x 29.5 x 59"	1200 x 750 x 1500 mm 47.24 x 29.5 x 59"	1500 x 750 x 1500 mm 59 x 29.5 x 59"	1800 x 750 x 1500 mm 70.8 x 29.5 x 59"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	585 x 590 x 695 mm 23 x 23.2 x 27.3"	885 x 590 x 695 mm 34.8 x 23.2 x 27.3"	1185 x 590 x 695 mm 46.6 x 23.2 x 27.3"	1485 x 590 x 695 mm 58.4 x 23.2 x 27.3"	1785 x 590 x 695 mm 70.2 x 23.2 x 27.3"
Front Sash Max. Opening	495 mm / 19.5"				
Test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise Level	<52dB	<52dB	<54dB	<60dB	<62dB
Power Supply	110 / 220V, 50/60 Hz, Single phase				
Illumination	800 LUX, Eco-friendly LED lighting				
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA				

Accessories

Description	Model
Metal stand	CF-size-ST
Polypropylene base cabinet	CF-size-BS
UV light	CF-size-UV
Gas tap	CF-GTAP
Water tap	CF-WTAP
Polypropylene cup sink	CF-PP-SINK
Polypropylene sink 30 x 40	CF-SINK-3040
Power outlet installed	CF-SOCKET

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Educational Ductless Fume Hood with 360^0 Glass - Inverted

Topair's Educational Ductless Fume Hood with 360^0 Glass - Inverted - provides an effective tool for educational purposes, a safe work environment for lab staff working with acids and harsh chemicals.

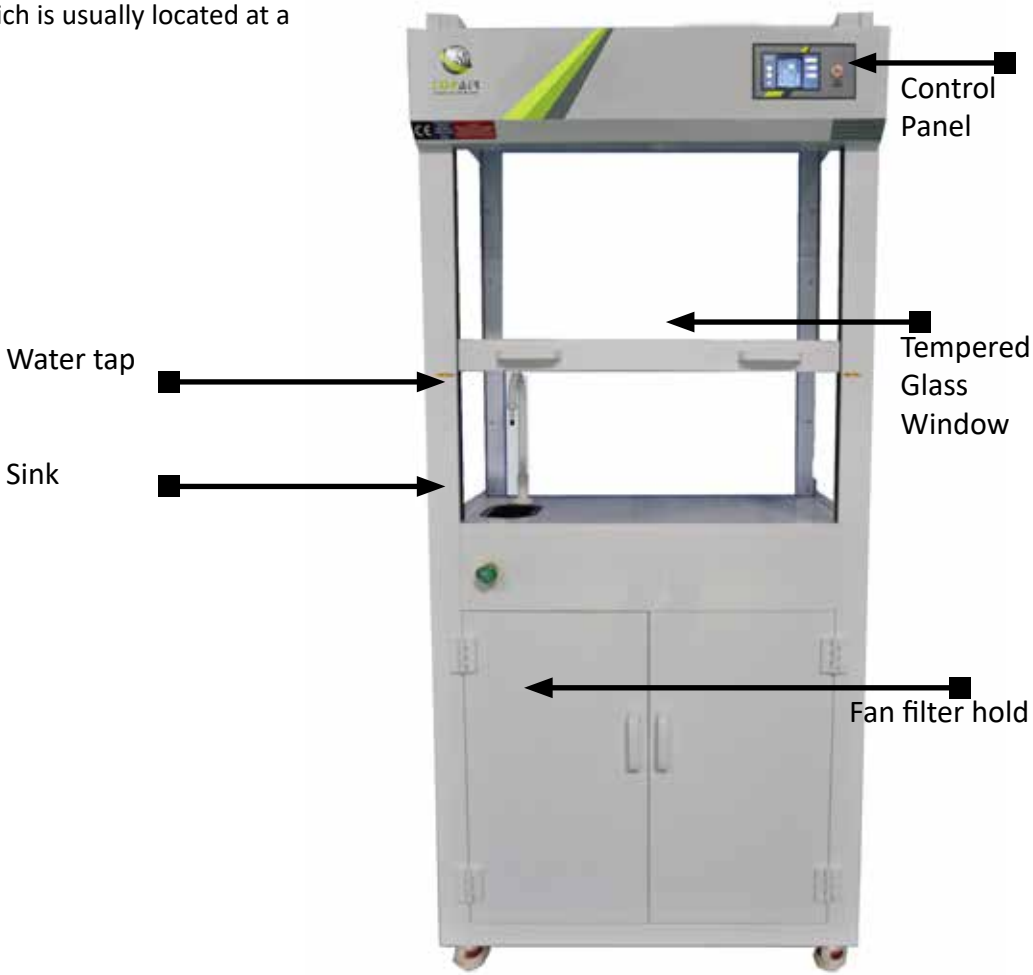
The electrical and mechanical components are manufactured by leading global companies.

The unit features an operation system with a 5" color touch screen, controlling the entire system, including:

- 10-speed fan
- Air velocity display
- Fan activation
- Light activation
- Power activation

The unit features an Airflow Alarm which displays the air velocity and alerts upon problems with the air velocity using a sound or visual alert. Additionally, a **Red Light Alert** inside the unit switches on when there is an alert, enabling convenient remote identification of a problem, even by people with hearing issues, without their having to look closely at the screen which is usually located at a high point.

- 360^0 Transparent glass
- Polypropylene structure with high chemical
- resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic, Trespa
- Tempered glass sliding front window
- Strong, quiet and cost-effective EC Fan with high power efficiency
- Eco-friendly, cost-effective 800 LUX LED lighting
- Velocity > 0.5 m/s
- Convenient front access for filter replacement
- Educational carbon blend filter (22 Kg) and pre filter
- **Complies with BS7989:2001 and CLEAPSS**



Models

Spec/ Model	CF-100-PP-RV
Outer Dimensions W x D x H	1000 x 700 x 1850 mm, 39.4 x 27.5 x 72.8"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS	
Workspace (W x D x H)	840 X 500 X 865 mm, 33 x 19.7 x 34"
Front Sash Max.	Min. 200, Max 350 mm
Test Standard	Compliance with BS7989:2001 and CLEAPSS
Air Velocity	0.5±0.1 m/s, 100±20 FPM
Hood Material	Welded white anti-corrosion polypropylene structure with built-in sealed polypropylene worktop
Noise (Tested 20 cm from the work table, 1.2m above ground)	<52dB
Power Supply	230V, 50 Hz, Single phase
Illumination	800 LUX, Eco-friendly LED lighting
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA

Accessories

Description	Status
Polypropylene base cabinet	Included
Gas tap	Included
Water tap	Included
Polypropylene cup sink	Included
Power outlet installed	No

Weighing Station

Topair's Weighing Station is designed for weighing powders and chemicals, and provides precise weighing data up to 4 decimal places.

It also provides a safe work environment for lab staff working with acids and harsh chemicals.

The electrical and mechanical components are manufactured by leading global companies, such as AAF USA. The products are **EN-14175 / CE / ASHRAE 110-1995 certified.**

Advanced Operation System:

- Color 7" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm
- Air flow alarm

TopAir's weighing stations can be customized to the requirements of each client.

- Provides precise weighing data - up to 4 decimal places
- Polypropylene structure with high chemical resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic, Trespa
- Tempered glass sliding front window
- High efficiency, quiet EC fan
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Air velocity - 0.5±0.1 m/s, 100±20 FPM
- HEPA filter
- Convenient front access for filter replacement
- Filter replacement alarm, air flow alarm
- Optional: No worktop, with independent table or optical table, stand
- 7" control touch screen with advanced operation system
- XL model with 2 internal filters is also available
- **EN-14175 / CE / ASHRAE 110-1995 certified**

Models

Spec/ Model	CF-060-PP-W	CF-090-PP-W	CF-120-PP-W	CF-150-PP-W	CF-180-PP-W
Outer dimensions for standard model W x D x H	600 x 750 x 1223 mm 23.62 x 29.5 x 48”	900 x 750 x 1223 mm 35.4 x 29.5 x 48”	1200 x 750 x 1223 mm 47.24 x 29.5 x 48”	1500 x 750 x 1223 mm 59 x 29.5 x 48”	1800 x 750 x 1223 mm 70.8 x 29.5 x 48”
Dimensions for XL model with 2 internal filters W x D x H For XL models add –XL to P/N	600 x 750 x 1500 mm 23.62 x 29.5 x 59"	900 x 750 x 1500 mm 35.4 x 29.5 x 59"	1200 x 750 x 1500 mm 47.24 x 29.5 x 59"	1500 x 750 x 1500 mm 59 x 29.5 x 59"	1800 x 750 x 1500 mm 70.8 x 29.5 x 59"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	585 x 590 x 695 mm 23 x 23.2 x 27.3"	885 x 590 x 695 mm 34.8 x 23.2 x 27.3"	1185 x 590 x 695 mm 46.6 x 23.2 x 27.3"	1485 x 590 x 695 mm 58.4 x 23.2 x 27.3"	1785 x 590 x 695 mm 70.2 x 23.2 x 27.3"
Front Sash Max. Opening	495 mm / 19.5"				
Test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<52dB	<52dB	<54dB	<60dB	<62dB
(Tested 20 cm from the work table, 1.2m above ground)					
Power Supply	110 / 220V, 50/60 Hz, Single phase				
Illumination	800 LUX, Eco-friendly LED lighting				
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA				

Accessories

Description	Model
Metal stand	CF-size-ST
Polypropylene base cabinet	CF-size-BS
UV light	CF-size-UV
Gas tap	CF-GTAP
Water tap	CF-WTAP
Polypropylene cup sink	CF-PP-SINK
Polypropylene sink 30 x 40	CF-SINK-3040
Power outlet installed	CF-SOCKET

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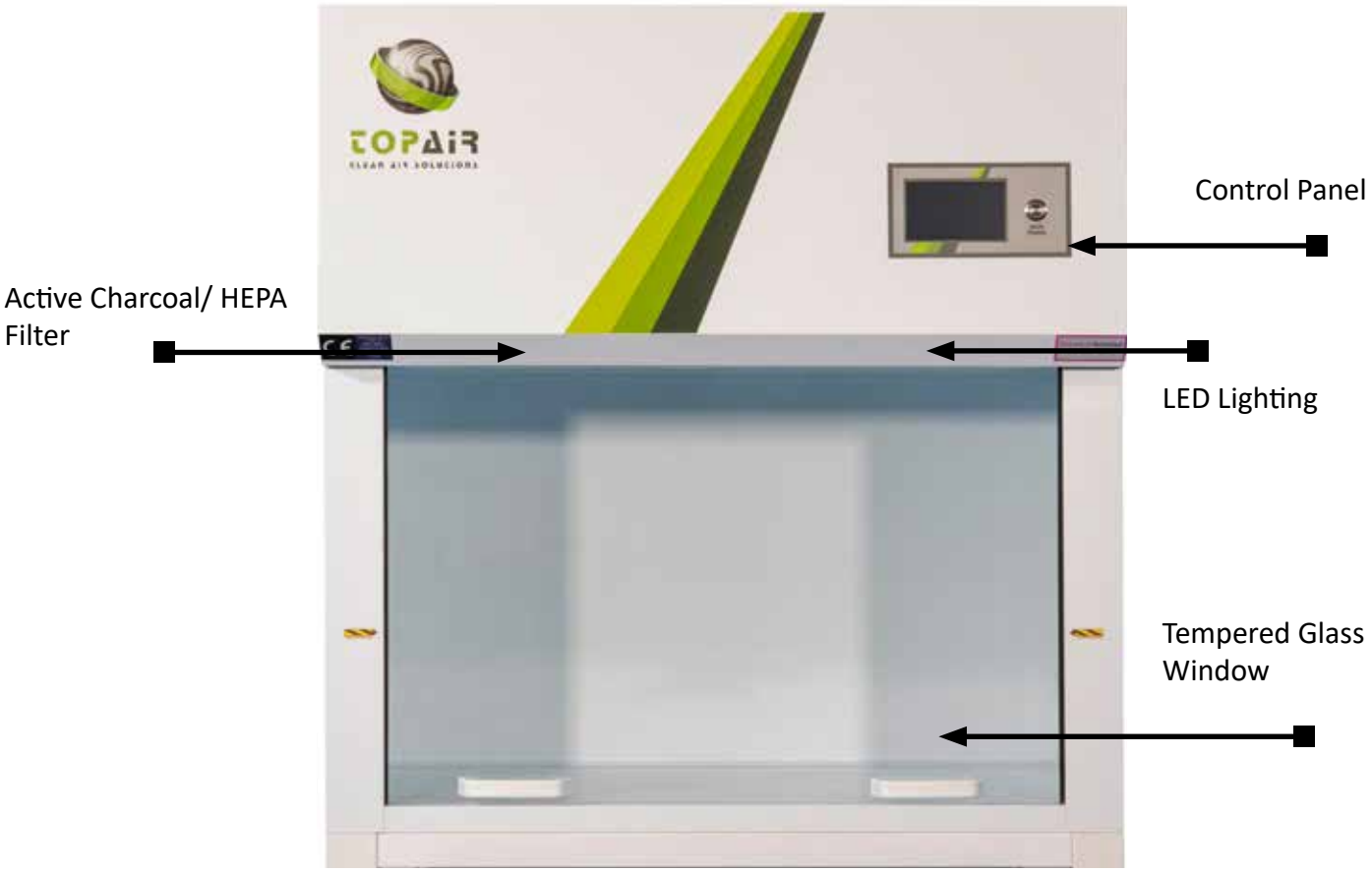
Ecoline Ductless Fume Hood

Topair's Ecoline Ductless Fume Hood provides a safe work environment for lab staff working with acids and harsh chemicals.

A cost-effective benchtop ductless fume hood with an innovative, intelligent control system that includes a 5" color touchscreen and integral polypropylene worktop, a full sliding front sash, an environmental friendly EC fan and LED light

TopAir's Ecoline Ductless Fume Hoods can be customized to the requirements of each client.

- Compact cost-effective model
- Polypropylene structure with high chemical resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic, Trespa
- 5" color touch screen
- Tempered glass sliding front sash - closes all the way
- The filter time displays fan's total operation time, for tracking when the filter needs to be replaced.
- Eco-friendly, cost-effective 800 LUX LED lighting
- Air velocity - 0.5±0.1 m/s, 100±20 FPM
- Back access for filter replacement
- Variety of HEPA & carbon filters
- EC fan with speed adjustment (10 levels)



Models

Spec/Model	ECO-CF-075	ECO-CF-090	ECO-CF-120
Outer Dimensions (W x D x H)	750 x 580 x 950 mm 29.5 x 22.8 x 37.4"	900 x 580 x 950 mm 35.4 x 22.8 x 37.4"	1200 x 580 x 950 mm 47.2 x 22.8 x 37.4"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Workspace (W x D x H)	730 x 450 x 450 mm 28.7 x 17.7 x 17.7"	880 x 450 x 450 mm 34.6 x 17.7 x 17.7"	1180 x 450 x 450 mm 46.4 x 17.7 x 17.7"
Front Sash Max. Opening	300 mm / 11.8”	300 mm / 11.8”	300 mm / 11.8”
Equipment Entry Opening	450 mm / 17.7"	450 mm / 17.7"	450 mm / 17.7"
Air Velocity	0.5±0.1 m/s, 100±20 FPM	0.5±0.1 m/s, 100±20 FPM	0.5±0.1 m/s, 100±20 FPM
Hood Material	Welded white polypro-pylene structure with built-in sealed poly-propylene worktop	Welded white polypro-pylene structure with built-in sealed poly-propylene worktop	Welded white polypro-pylene structure with built-in sealed poly-propylene worktop
Noise Level (Tested 20 cm from the work table, 1.2m above ground)	<52dB	<55dB	<57dB
Power Supply	110 / 220V, 50/60 Hz, Single phase	110 / 220V, 50/60 Hz, Single phase	110 / 220V, 50/60 Hz, Single phase
Illumination	800 LUX, Eco-friendly LED lighting	800 LUX, Eco-friendly LED lighting	
Filter	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA	Carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) /HEPA/ULPA

Accessories

Spec/Model	ECO-CF-075-ST	ECO-CF-090-ST	ECO-CF-120-ST
Stand WxDxH	750 x 600 x 800 29.5 x 23.6 x 31.5”	900 x 600 x 800 mm 35 x 23.6 x 31.5"	1200 x 600 x 800 mm 47.2" x 23.6 x 31.5"

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Metal Fume Hood

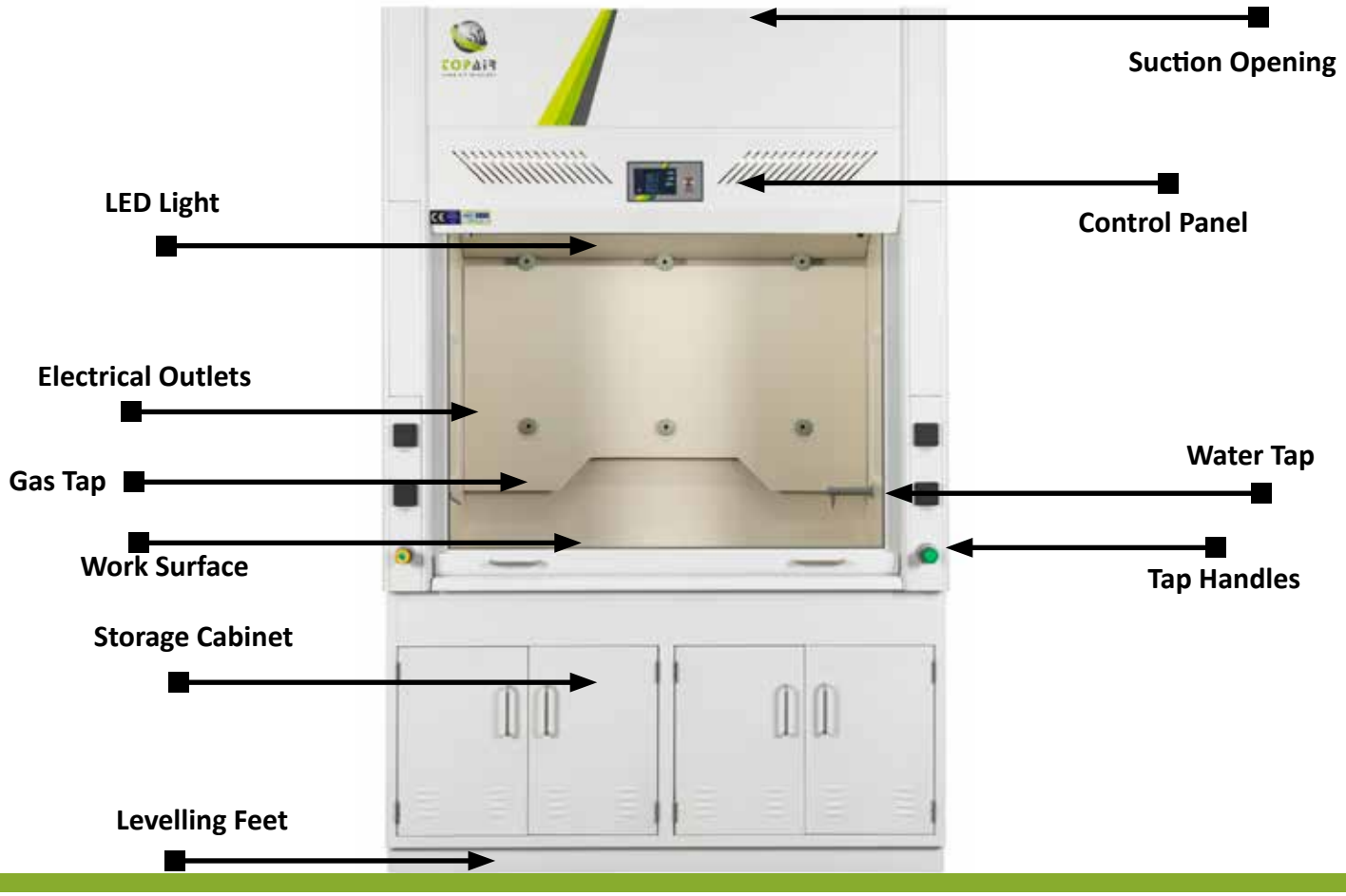
Topair's Metal Fume Hoods protect laboratory staff from noxious fumes when working with acids, dangerous gas, organic solvents, etc. Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment.

The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall.

The hood structure is made of epoxy-covered metal, while the internal structure is made of HPL 6mm.

The hoods are **EN-14175 / CE / ASHRAE 110-1995 certified.**

- 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, with optional rupture protection
- Airflow velocity of 0.5±0.1 m/s, 100±20 FPM
- Side walls coated with 6 mm HPL for durability and easy cleaning, option for polypropylene/stainless steel
- Ceramic work surface with raised edges, with options for HPL/stainless steel/polypropylene/ epoxy
- 7" color touch screen controlling lighting and power. Optional VAV system.
- Includes metal lower base cabinet
- **EN-14175 / CE / ASHRAE 110-1995 certified**



Models

Spec/Model	FH-120	FH-150	FH-180	FH-200	FH-250
External Dimensions W x D x H	1200 x 800 x 2350 mm 47.2 x 31.5 x 92.5”	1500 x 800 x 2350 mm 59 x 31.5 x 92.5”	1800 x 800 x 2350 mm 70.9 x 31.5 x 92.5”	2000 x 800 x 2350 mm 78.7 x 31.5 x 92.5”	2500 x 800 x 2350 mm 98.4 x 31.5 x 92.5”
Workspace (W x D x H)	950 x 630 x 1145 mm 37.4 x 24.8 x 45”	1250 x 630 x 1145 mm 49.2 x 24.8 x 45”	1550 x 630 x 1145 mm 61 x 24.8 x 45”	1750 x 630 x 1145 mm 68.9 x 26.7 x 45”	1250 x 630 x 1145 mm 49.2 x 26.7 x 45”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Front Sash Max Opening	860 mm / 33.8"				
Production / test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Inner coating – 6 mm HPL; External - Cold rolled steel, static powder coated				
Work Table	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink / triplex glass / Ex proof light				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

Polypropylene Fume Hood

Topair's Polypropylene Fume Hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

The Polypropylene Fume Hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solutions - materials and acids which regular steel hoods may not withstand.

Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment. The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall.

The hoods are designed for work with heavy chemicals, have been independently tested, and **EN-14175 / CE / ASHRAE 110-1995 certified.**

- Polypropylene structure with high chemical resistance
- One-piece welded structure
- Built-in polypropylene worktop
- Air suction from both the top and back panel
- Tempered glass sliding front sash
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- Optional: sink/water tap/gas tap/vacuum tap, electric sockets
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **EN-14175, ASHRAE 110-1995, CE certified**

Models

Spec/Model	FH-120-PP	FH-150-PP	FH-180-PP	FH-200-PP	FH-250-PP
External Dimensions W x D x H	1200 x 830 x 2320 mm 47.3x 32.6 x 91.3”	1500 x 830 x 2320 mm 59.0 x 32.6 x 91.3”	1800 x 830 x 2320 mm 70.8 x 32.6 x 91.3”	2000 x 830 x 2320 mm 78.7 x 32.6 x 91.3”	2500 x 830 x 2320 mm 98.4 x 32.6 x 91.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 630 x 1170 mm 39.4 x 24.8 x 46”	1300 x 630 x 1170 mm 51.2 x 24.8 x 46”	1600 x 630 x 1170 mm 63 x 24.8 x 46”	1800 x 630 x 1170 mm 70.8 x 24.8 x 46”	2300 x 630 x 1170 mm 90.5 x 24.8 x 46”
Front Sash Max Opening	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

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Active Polypropylene Fume Hood

TopAir's Active Polypropylene Fume Hood is an advanced high quality system enhanced with innovative technology, offered at highly competitive prices.

The hood is made of high-quality non-corrosive polypropylene with excellent chemical resistance.

The Active Fume Hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solutions – materials and acids which regular steel hoods may not withstand. Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment. The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall.

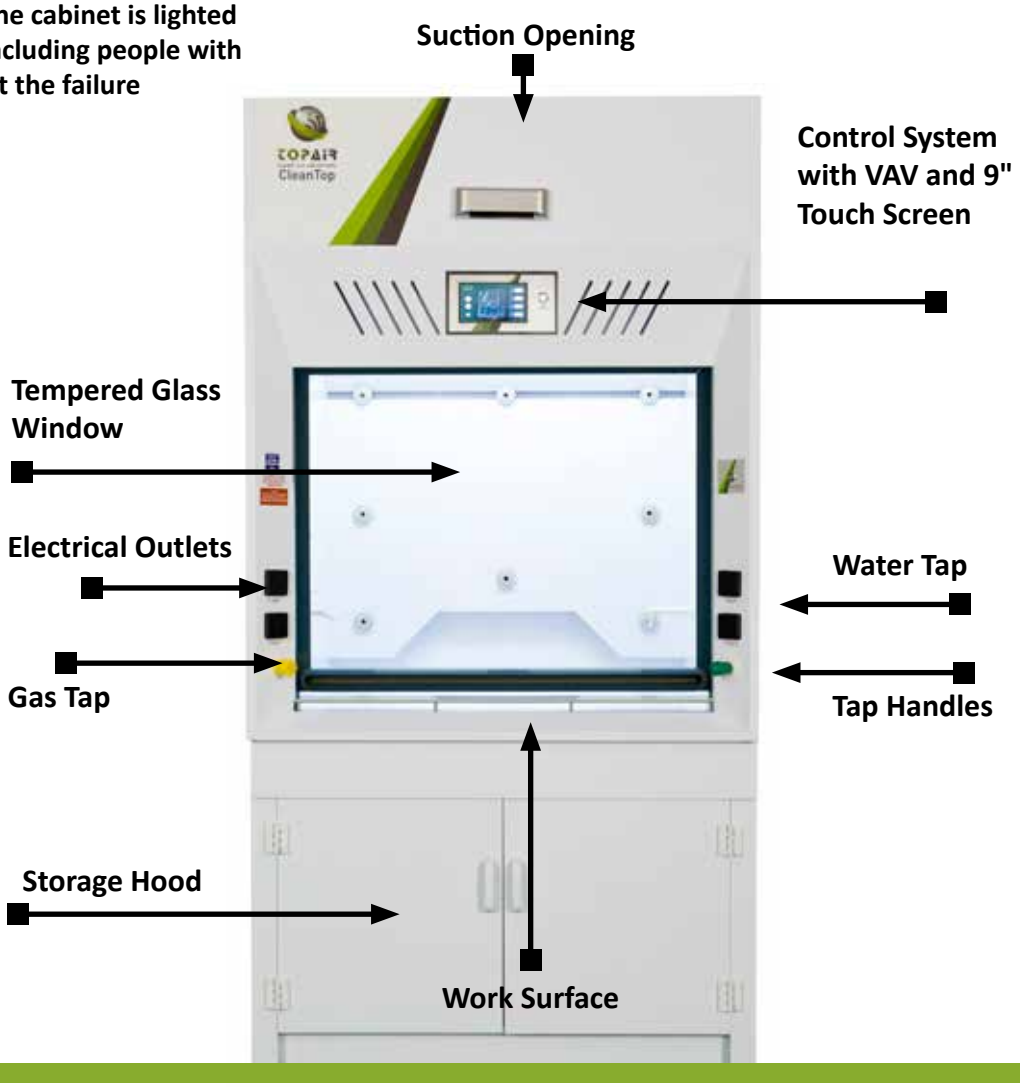
The fume hood features a sensor which detects staff standing next to the unit, and accordingly, opens and closes the window automatically. The unit's fan speed changes according to the open/closed mode of the window, saving substantial energy.

Upon a failure, the interior of the cabinet is lighted up in bright red, so that staff, including people with hearing issues, can easily detect the failure from a distance.

- VAV system including 9" color touch screen
- Sensor detects staff presence and opens/closes the window, as well as adjusting fan speed to save energy
- Polypropylene structure with high chemical resistance
- One-piece welded structure
- Built-in polypropylene worktop
- Tempered glass sliding front sash
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Optional: sink/water tap/gas tap/vacuum tap/ electric sockets
- Includes polypropylene lower base cabinet
- Optional: Variety of worktop materials
- **EN-14175 / ASHRAE 110-1995 / CE certified**

VAV System
TopAir's reliable VAV (Variable Air Volume) system for fume hoods measures the air velocity using a high quality sensor. The data is converted to an analog signal that can control a VFD (Variable-Frequency Drive).

The system's key advantage is its ease of operation: an unskilled worker can easily calibrate, set the alarm and operation set points and control the system. The VAV system provides a safe energy-saving environment and can upgrade fume hoods to smart, advanced devices. TopAir's VAV system is provided as a complete installed product.



Models

Spec/Model	FH-120-PP-ACT	FH-150-PP-ACT	FH-180-PP-ACT	FH-200-PP-ACT	FH-250-PP-ACT
External Dimensions W x D x H	1200 x 830 x 2320 mm 47.3x 32.6 x 91.3”	1500 x 830 x 2320 mm 59.0 x 32.6 x 91.3”	1800 x 830 x 2320 mm 70.9 x 32.6 x 91.3”	2000 x 830 x 2320 mm 78.7 x 32.6 x 91.3”	2500 x 830 x 2320 mm 98.4 x 32.6 x 91.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 630 x 1170 mm 39.4 x 24.8 x 46”	1300 x 630 x 1170 mm 51.2 x 24.8 x 46”	1600 x 630 x 1170 mm 63 x 24.8 x 46”	1800 x 630 x 1170 mm 70.8 x 24.8 x 46”	2300 x 630 x 1170 mm 90.5 x 24.8 x 46”
Front Sash Max Opening	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

Polypropylene Walk-In Fume Hood

Topair's Walk-In Fume Hood offers a large front opening designed to contain large, heavy, or tall equipment.

It protects laboratory staff from noxious fumes released by acids, dangerous gas and organic solvents– materials and acids which regular steel hoods may not withstand.

The hood is made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment. The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall.

The hoods are designed for work with heavy chemicals, have been independently tested, and **EN-14175 / CE / ASHRAE 110-1995 certified.**

- Large front opening that can contain large, heavy or tall objects
- Polypropylene structure with high chemical resistance
- Large front window - 1.80mm high
- One-piece welded structure
- Tempered glass sliding front sash
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Optional: sink/water tap/gas tap/vacuum tap
- User-friendly digital control system
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **EN-14175 / CE / ASHRAE 110-1995 certified**

Models

Spec/Model	FH-120-WI-PP	FH-150-WI-PP	FH-180-WI-PP	FH-200-WI-PP	FH-250-WI-PP
External Dimensions W x D x H	1200 x 930 x 2320 mm 47.3x 36.6 x 91.3”	1500 x 930 x 2320 mm 59.0 x 36.6 x 91.3”	1800 x 930 x 2320 mm 70.8 x 36.6 x 91.3”	2000 x 930 x 2320 mm 78.7 x 36.6 x 91.3”	2500 x 930 x 2320 mm 98.4 x 36.6 x 91.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 650 x 1990 mm 39.4 x 25.5 x 78.3”	1300 x 650 x 1990 mm 51.2 x 25.5 x 78.3”	1600 x 650 x 1990 mm 63 x 25.5 x 78.3”	1800 x 650 x 1990 mm 70.8 x 25.5 x 78.3”	2300 x 650 x 1990 mm 90.5 x 25.5 x 78.3”
Front Sash Max Opening	1800 mm / 70.8"	1800 mm / 70.8"	1800 mm / 70.8"	1800 mm / 70.8"	1800 mm / 70.8"
Production / test Standard	CE				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

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Polypropylene Fume Hood - Wet Scrubber

TopAir's Polypropylene Fume Hood - Wet Scrubber features a quality scrubbing media which collects mist and chemicals and channels them down to the water tank. Its upper eliminator prevents mist from reaching the exhaust fan.

The fume hood is used to filter out acids and prevent them from being released into the environment. The scrubber is built-in as an integrated part of the hood.

The Polypropylene fume hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance.

The fume hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solvents- materials and acids which regular steel hoods may not withstand.

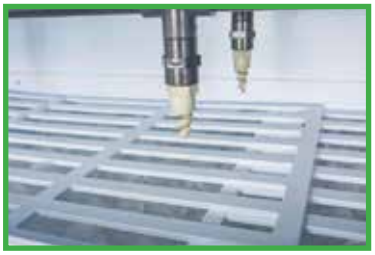
The hoods are designed for work with heavy chemicals, have been independently tested, and **EN-14175 / CE / ASHRAE 110-1995 certified.**

NEW!

Wet scrubber functionality comprises:

- Spray Nozzles
- Upper Eliminator
- Scrubbing Media
- Water Pump
- Water Tank
- Visual + Audio Alarm for low water level
- Wide surface for extended reach
- Low noise system
- Low pressure drop

- Compact size
- Easy access for maintenance and repairs
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **EN-14175, ASHRAE 110-1995, CE certified**



Models

Spec/Model	FH-120-WS	FH-150-WS	FH-180-WS	FH-200-WS	FH-250-WS
External Dimensions W x D x H	1200 x 980 x 2370 mm 47.3x 38.6 x 93.3”	1500 x 980 x 2370 mm 59 x 38.6 x 93.3”	1800 x 980 x 2370 mm 70.9 x 38.6 x 93.3”	2000 x 980 x 2370 mm 78.7 x 38.6 x 93.3”	2500 x 980 x 2370 mm 98.4 x 38.6 x 93.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 630 x 1000 mm 39.4 x 24.8 x 39.4”	1300 x 630 x 1000 mm 51.2 x 24.8 x 39.4”	1600 x 630 x 1000 mm 63 x 24.8 x 39.4”	1800 x 630 x 1000 mm 70.8 x 24.8 x 39.4”	2300 x 630 x 1000 mm 90.5 x 24.8 x 39.4”
Front Sash Max Opening	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

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Polypropylene Fume Hood - Washdown

NEW!

TopAir's Polypropylene Fume Hood - Washdown includes water sprinklers and an angular wall that allows complete and effective rinsing of the hood's back space, whle collecting residue of mineral accumulation.

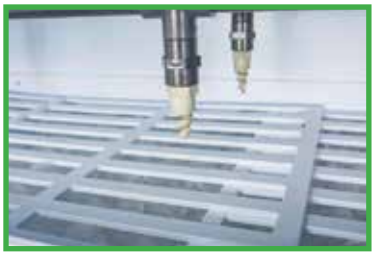
The hood is designed for work with perchloric acid; rinses after each session are recommended.

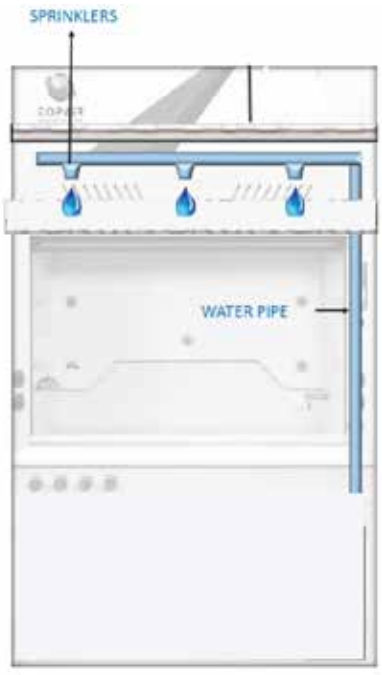
The Polypropylene fume hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance.

The fume hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solvents- materials and acids which regular steel hoods may not withstand.

The hoods are designed for work with heavy chemicals, have been independently tested, and **EN-14175 / CE / ASHRAE 110-1995 certified.**

- **Washdown functionality**
  - Spray nozzles
  - Angular rear wall
  - Solenoid tap for washdown
  - Draining port
  - Low noise system
  - Low pressure drop
- Compact size
- Easy access for maintenance and repairs
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **EN-14175, ASHRAE 110-1995, CE certified**





Models

Spec/Model	FH-120-WD	FH-150-WD	FH-180-WD	FH-200-WD	FH-250-WD
External Dimensions W x D x H	1200 x 980 x 2370 mm 47.3x 38.6 x 93.3”	1500 x 980 x 2370 mm 59 x 38.6 x 93.3”	1800 x 980 x 2370 mm 70.9 x 38.6 x 93.3”	2000 x 980 x 2370 mm 78.7 x 38.6 x 93.3”	2500 x 980 x 2370 mm 98.4 x 38.6 x 93.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 630 x 1000 mm 39.4 x 24.8 x 39.4”	1300 x 630 x 1000 mm 51.2 x 24.8 x 39.4”	1600 x 630 x 1000 mm 63 x 24.8 x 39.4”	1800 x 630 x 1000 mm 70.8 x 24.8 x 39.4”	2300 x 630 x 1000 mm 90.5 x 24.8 x 39.4”
Front Sash Max Opening	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

Polypropylene Laminar Airflow Fume Hood

TopAir's Laminar Airflow Fume Hoods offer clean bench functionality. They are made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

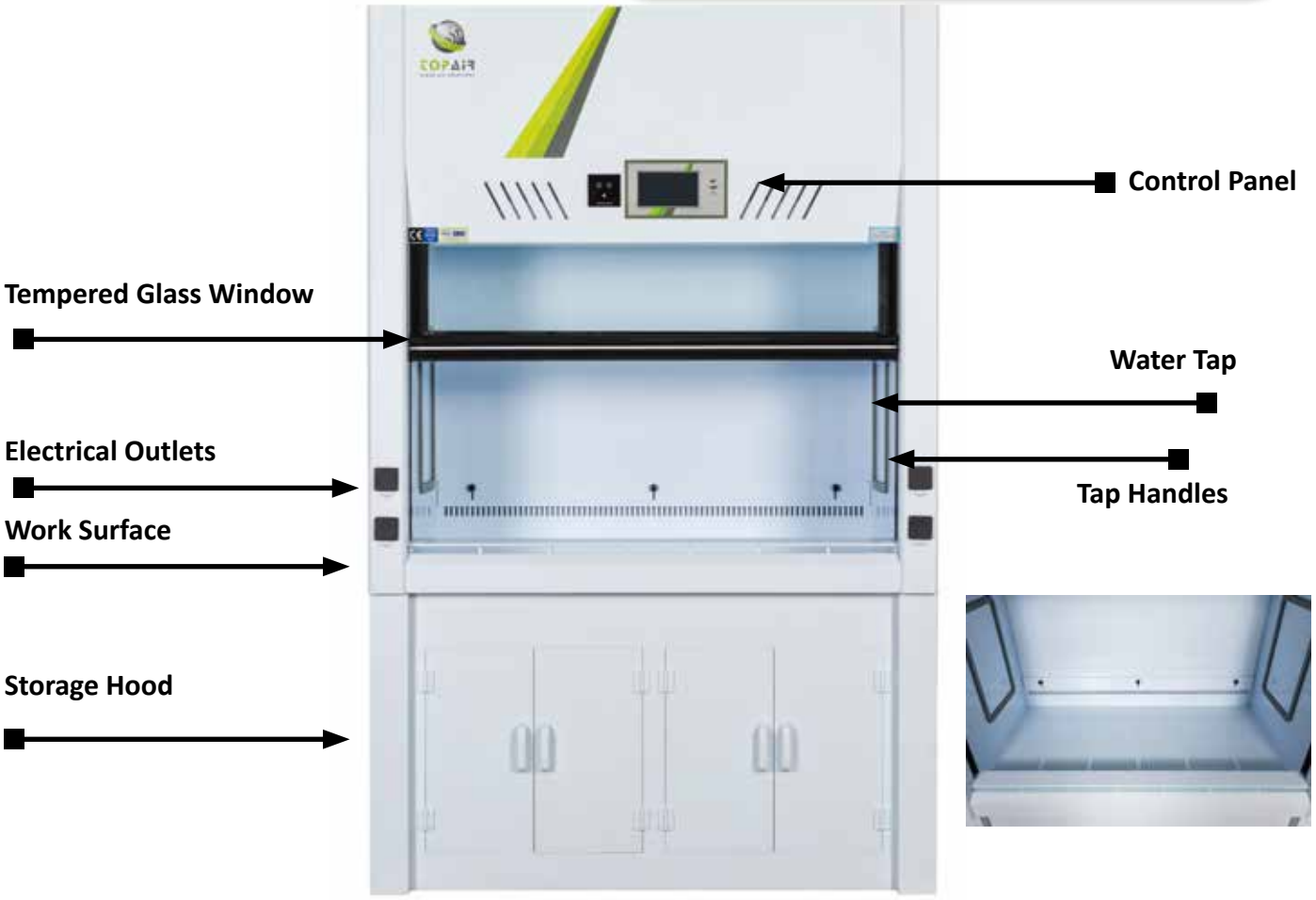
The fume hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solutions - materials and acids which regular steel hoods may not withstand.

Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment. The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall, and then channels the filtered air back into the workspace.

The hoods are designed for work with heavy chemicals, have been independently tested, they **comply with EN-14175, ASHRAE 110-1995; and are CE certified**

NEW!

- Clean bench functionality
- Polypropylene structure with high chemical resistance
- One-piece welded structure
- Built-in polypropylene worktop
- Tempered glass sliding front sash
- Cleanliness level - Class 100/ISO 5
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- Optional: sink/water tap/gas tap/vacuum tap/ electric sockets
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **Complies with EN-14175, ASHRAE 110-1995; CE certified**



Models

Spec/Model	FH-120-HCV	FH-150-HCV	FH-180-HCV	FH-200-HCV	FH-250-HCV
External Dimensions W x D x H	1200 x 850x 2320 mm 47.3 x 33.4 x 91.3”	1500 x 850 x 2320 mm 59.0 x 33.4 x 91.3”	1800 x 850 x 2320 mm 70.9 x 33.4 x 91.3”	2000 x 850 x 2320 mm 78.7 x 33.4 x 91.3”	2500 x 850 x 2320 mm 98.4 x 33.4 x 91.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 600 x 800 mm 39.4 x 23.6 x 31.5”	1300 x 600 x 800 mm 51.2 x 23.6 x 31.5”	1600 x 600x 800 mm 63 x 23.6 x 31.5”	1800 x 600 x 800 mm 70.8 x 23.6 x 31.5”	2300 x 600 x 800 mm 90.5 x 23.6 x 31.5”
Front Sash Max Opening	600 mm / 23.6"				
Test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Cleanliness Level	Class 100/ISO 5				
Work Table	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

Educational Polypropylene Fume Hood with 360° Transparency

Topair's Educational Fume Hood has transparent sides and a transparent back for 360° visibility, serving educational purposes.

The hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

The fume hoods protect laboratory staff from noxious fumes released by acids, dangerous gas and organic solutions - materials and acids which regular steel hoods may not withstand.

Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment. The fume hood channels chemical vapors out of the building using an external fan installed on the roof or on an external wall.

The hoods are designed for work with heavy chemicals, have been independently tested, and **EN-14175 / CE / ASHRAE 110-1995 certified.**

NEW!

- 360° transparency for educational purposes
- Polypropylene structure with high chemical resistance
- One-piece welded structure
- Built-in polypropylene worktop
- Tempered glass sliding front sash
- Eco-friendly 800 LUX LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- Optional: sink/water tap/gas tap/vacuum tap
- 7" color touch screen controlling lighting and power. Optional VAV system.
- **EN-14175, ASHRAE 110-1995, CE certified**

Models

Spec/Model	FH-120-PP-CB	FH-150-PP-CB	FH-180-PP-CB	FH-200-PP-CB	FH-250-PP-CB
External Dimensions W x D x H	1200 x 830 x 2320 mm 47.3x 32.6 x 91.3”	1500 x 830 x 2320 mm 59.0 x 32.6 x 91.3”	1800 x 830 x 2320 mm 70.9 x 32.6 x 91.3”	2000 x 830 x 2320 mm 78.7 x 32.6 x 91.3”	2500 x 830 x 2320 mm 98.4 x 32.6 x 91.3”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 630 x 1170 mm 39.4 x 24.8 x 46”	1300 x 630 x 1170 mm 51.2 x 24.8 x 46”	1600 x 630 x 1170 mm 63 x 24.8 x 46”	1800 x 630 x 1170 mm 70.8 x 24.8 x 46”	2300 x 630 x 1170 mm 90.5 x 24.8 x 46”
Front Sash Max Opening	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"	720 mm / 28.3"
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	White Polypropylene				
Work Table Material	HPL/ Ceramic / Epoxy / PP / Stainless steel				
Optional Control System	VAV System with 9” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz. Includes a single phase power supply. A three-phase power supply can be specially ordered.				
Illumination	800 LUX LED lights				

Accessories

Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 9’’ LCD touch screen controller	FH-VAV
Centrifugal fan 0.75 kw 2800 RPM/IE3	FH-FAN-750
Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm	FH-FAN-1100-300

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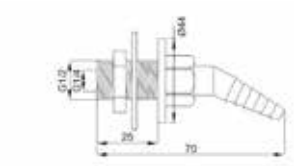
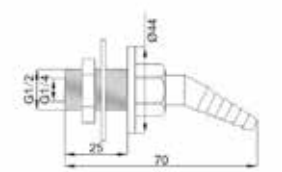
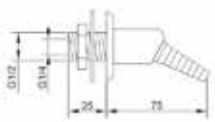
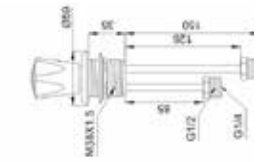
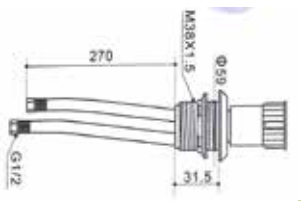
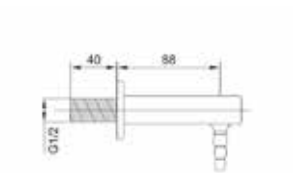
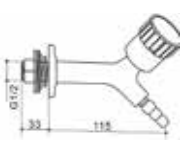
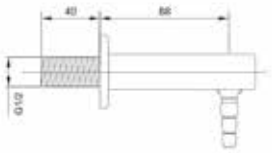
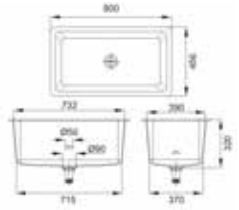
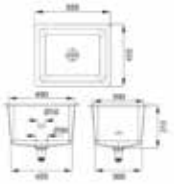
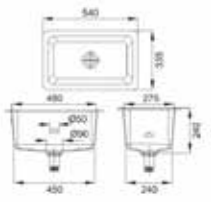
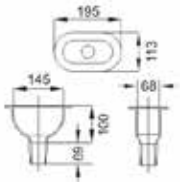
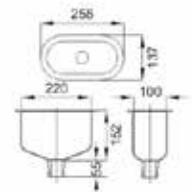
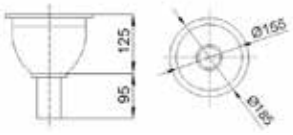
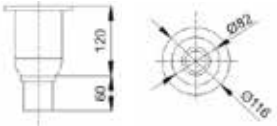
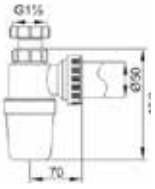
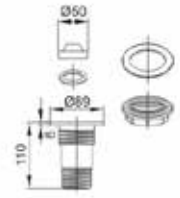
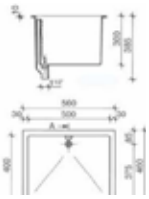
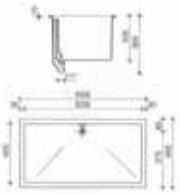
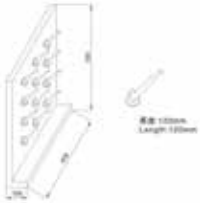
www.topairsystems.com I Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

Accessories

Part Number	Description	Photo	Dimensions
HSA-10-2	Gas Tap Mouth		
HSB6-1	Gas Tap Mouth		
HSB6-3	Gas Tap Mouth		
HSA-10	Gas remote control valve		
HSB3-1	Side Wall Gas Tap		
HSA-10B	Water tap remote control		
HSB6-2	Water tap mouth		
HSA-10-2	HSA13-1		

Part Number	Description	Photo	Dimensions
HSA10-3	Water tap mouth		
HSP1-PP	Polypropylene sink		
HSP2-PP	Polypropylene sink		
HSP3-PP	Polypropylene sink		
HSP-4	Polypropylene sink		
HSP4-1	Polypropylene sink		
HSP4-2	Polypropylene sink		
HSP4-3	Polypropylene sink		

Add-On Accessories

Part Number	Description	Photo	Dimensions
HSP5-P	Bottle trap		
HSKP-6a	Protection net		
HSP7-2	Polypropylene sink		
HSP7-3	Polypropylene sink		
HSD-2	Polypropylene peg board		
HSD-1B	Stainless steel peg board		
HSD-1	Polypropylene peg board		
HSD-2B	Stainless steel peg board		

Worktops

PRODUCT/ SIZE (cm)	90	120	150	180	200
Trespa Toplab Worktop					
Ductless Fume hood	CF-090-WT-TT	CF-120-WT-TT	CF-150-WT-TT	CF-180-WT-TT	CF-200-WT-TT
Metal Fume hood	FH-090-WT-TT	FH-120-WT-TT	FH-150-WT-TT	FH-180-WT-TT	FH-200-WT-TT
Polypropylene Fume hood	FH-090-P-WT-TT	FH-120-P-WT-TT	FH-150-P-WT-TT	FH-180-P-WT-TT	FH-200-P-WT-TT
Stainless Steel Worktop					
Ductless Fume hood	CF-090-WT-SS	CF-120-WT-SS	CF-150-WT-SS	CF-180-WT-SS	CF-200-WT-SS
Metal Fume hood	FH-090-WT-SS	FH-120-WT-SS	FH-150-WT-SS	FH-180-WT-SS	FH-200-WT-SS
Polypropylene Fume hood	FH-090-P-WT-SS	FH-120-P-WT-SS	FH-150-P-WT-SS	FH-180-P-WT-SS	FH-200-P-WT-SS
Ceramic Worktop					
Ductless Fume hood	CF-090-WT-CE	CF-120-WT-CE	CF-150-WT-CE	CF-180-WT-CE	CF-200-WT-CE
Metal Fume hood	FH-090-WT-C	FH-120-WT-CE	FH-150-WT-CE	FH-180-WT-CE	FH-200-WT-CE
Polypropylene Fume hood	FH-090-P-WT-CE	FH-120-P-WT-CE	FH-150-P-WT-CE	FH-180-P-WT-CE	FH-200-P-WT-CE
Epoxy Worktop					
Ductless Fume hood	CF-090-WT-EP	CF-120-WT-EP	CF-150-WT-EP	CF-180-WT-EP	CF-200-WT-EP
Metal Fume hood	Included	Included	Included	Included	Included
Polypropylene Fume hood	FH-090-P-WT-EP	FH-120-P-WT-EP	FH-150-P-WT-EP	FH-180-P-WT-EP	FH-200-P-WT-EP

Filters

Carbon Filters

Catalog no.	Description	Size
CF-90-CR	Carbon filter for Ductless fume hood size 90 cm	750x300x70mm
CF-120-CR	Carbon filter for Ductless fume hood size 120 cm	1050x300x70mm
CF-150-CR	Carbon filter for Ductless fume hood size 150 cm	1350x300x70mm
CF-180-CR	Carbon filter for Ductless fume hood size 180 cm	1650x300x70mm
CF-XXX-CR	Carbon filter for Ductless fume hood - custom size	XXXx300x70mm

Acid Filters

Catalog no.	Description	Size
CF-90-AC	Acid filter for Ductless fume hood size 90 cm	650x300x70mm
CF-120-AC	Acid filter for Ductless fume hood size 120 cm	1050x300x70mm
CF-150-AC	Acid filter for Ductless fume hood size 150 cm	1350x300x70mm
CF-180-AC	Acid filter for Ductless fume hood size 180 cm	1650x300x70mm
CF-XXX-AC	Acid filter for Ductless fume hood - custom size	XXXx300x70mm

Basic Filters

Catalog no.	Description	Size
CF-90-BC	Basis filter for Ductless fume hood size 90 cm	750x300x70mm
CF-120-BC	Basis filter for Ductless fume hood size 120 cm	1050x300x70mm
CF-150-BC	Basis filter for Ductless fume hood size 150 cm	1350x300x70mm
CF-180-BC	Basis filter for Ductless fume hood size180 cm	1650x300x70mm
CF-180-XX	Basis filter for Ductless fume hood - custom size	XXXx300x70mm

Formaldehydes Filter

Catalog no.	Description	Size
CF-90-FMD	Formaldehydes filter for ductless fume hood 90 cm	800x300x70mm
CF-120-FMD	Formaldehydes filter for ductless fume hood 120 cm	1100x300x70mm
CF-150-FMD	Formaldehydes filter for ductless fume hood 150 cm	1400x300x70mm
CF-180-FMD	Formaldehydes filter for ductless fume hood 180 cm	1700x300x70mm
CF-180-XXX	Formaldehydes filter for ductless fume hood custom size	XXXx300x70mm

Multi Gas Filters (when using both Acids and Basic)

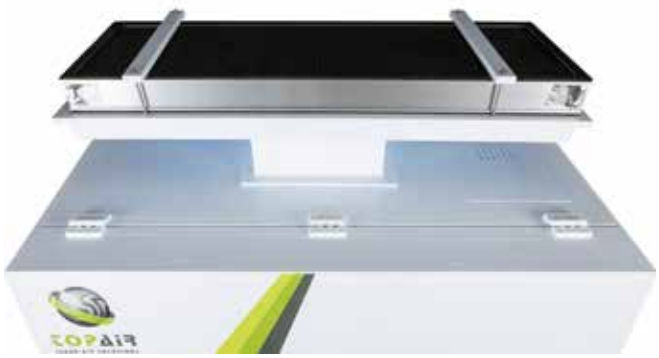
Catalog no.	Description	Size
CF-90-MG	Multi Gas filter for Ductless fume hood size 90 cm	750x300x70mm
CF-120-MG	Multi Gas filter for Ductless fume hood size 120 cm	1050x300x70mm
CF-150-MG	Multi Gas filter for Ductless fume hood size 150 cm	1350x300*70mm
CF-180-MG	Multi Gas filter for Ductless fume hood size 180 cm	1650*300*70mm
CF-XXX-MG	Multi Gas filter for Ductless fume hood Custom size	XXX*300*70mm

Pre Filters

Catalog no.	Description	Size
CF-90-FR	Prefilter for Ductless fume hood size 90 cm	800x300x70mm
CF-120-FR	Prefilter for Ductless fume hood size 120 cm	1100x300x70mm
CF-150-FR	Prefilter for Ductless fume hood size 150 cm	1400x300x70mm
CF-180-FR	Prefilter for Ductless fume hood size 180 cm	1700x300*70mm
CF-XXX-FR	Prefilter for Ductless fume hood - Custom size	XXXx300*70mm

HEPA Filters

Catalog no.	Description	Size
CF-90-HP	HEPA filter for Ductless fume hood size 90 cm	800x300x70mm
CF-120-HP	HEPA filter for Ductless fume hood size 120 cm	1100x300x70mm
CF-150-HP	HEPA filter for Ductless fume hood size 150 cm	1400x300x70mm
CF-180-HP	HEPA filter for Ductless fume hood size 180 cm	1700x300x70mm
CF-XXX-HP	HEPA filter for Ductless fume hood size 180 cm	XXXXx300x70mm



Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
www.topairsystems.com I Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

Technical Ceramic Worktop

TopAir's Technical Ceramic Worktop provides a comfortable, robust, anti-corrosive working area. It's especially durable in cases of working with high temperatures and strong acids. The worktop features anti-spill raised borders. The worktop can be ordered with various sinks or openings.

- High-level durablity for strong acids
- High-level durabglity for high temperatures
- Raised borders to prevent liquid spilling

Specifications

Test Type	Test Result
Density *weight for unit of volume g/cm^3	2.5
Modulus of Flexural	1.33*10^4 MPa
Linear thermal expansion	5.6*10^{-6} $^oC^{-1}$
Resistance to high temperature	1350^{o}C
Rockwell Hardness (HR)	52 HRC
Moh's Hardness (HM)	6
Breaking Strength	12876 N
Compressive Strengh	315 MPa
Formaldehyde Release	0
Water Absorption	AVG: 0.02% MAX:0.02%
Modulus of Rupture	AVG: 48MPa MAX:46MPa
Radiation Test	Internal Exposure: 0.4 External Irradiation: 0.9
Impact Resistance (Coefficient of restitution)	0.82
Resistance to Impact - 325g steel ball drop from 0mm height	No Damage
Resistance to Bacteria	Escherichia Coil 99.13% Staphylococcus Aureus 99.09% Enterococcus Faecails 91.8%
Resistance to Stains	Class 5 & Class 1
Resistance to Abrasion	Class 4 Resistance abrasion revolution: 2100
Resistance to thermal shoc	Could not crack & desquamate
Crazing resistance	No crazing
Side with cold glaze --- Acid Resistance	98% H_2so_4

Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
www.topairsystems.com I Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

Polypropylene Vertical PRO Laminar Clean Bench

TopAir provides high-quality, safe Vertical Laminar Clean Benches. TopAir's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In vertical benches, the filtered air is channeled downwards through a filter installed at the top of the bench. All components are produced by leading global companies, such as AAF USA.

Advanced Operation System:

- 7" screen with air velocity display
- Automatic air velocity control
- Hour timer for filter
- Filter replacement alarm

Red Light Alert: Whenever there is an air velocity failure, a red light inside the unit switches on and the system light automatically switches off. This enables convenient detection of failures from a distance , even by hearing-impaired people.

- Vertical air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed
- Polypropylene structure with high chemical resistance
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- 7" screen with air velocity display
- Automatic configuration for air velocity
- High efficiency quiet EC fan
- Metal stand
- Front window
- UV light
- Universal electrical outlet
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO 14644-1 / CE**

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction. The clean bench complies with Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and can be customized to customer requirements.

Models

Spec/Model	HC-V090PP-PRO	HC-V120PP-PRO	HC-V150PP-PRO	HC-V180PP-PRO
Outer Dimensions W x D x H	900 x 850 x 1320 mm 35.4 x 33.4 x 51.9"	1200 x 850 x 1320 mm 47.2 x 33.4 x 51.9"	1500 x 850 x 1320 mm 59 x 33.4 x 51.9"	1800 x 850 x 1320 mm 70.8 x 33.4 x 51.9"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	770 x 700 x 750 mm 30.3 x 27.5 x 29.5"	1070 x 700 x 750 mm 42.1 x 27.5 x 29.5”	1370 x 700 x 750 mm 53.9 x 27.5 x 29.5”	1670 x 700 x 750 mm 65.7 x 27.5 x 29.5”
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness in Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	Polypropylene			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<52dB	<54dB	<56dB	<56dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
www.topairsystems.com I Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

ECO Polypropylene Vertical Laminar Clean Bench

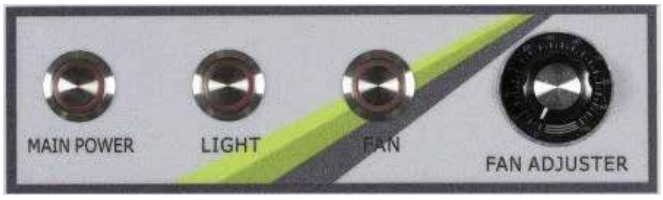
TopAir provides high-quality, safe Vertical Laminar Clean Benches. TopAir's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In vertical benches, the filtered air is channeled downwards through a HEPA filter installed at the top of the bench.

NEW!

- Vertical air stream producing clean air at ISO-5/ CLASS100
- Polypropylene structure with high chemical resistance
- Worksurface made Polypropylene
- High-efficiency quiet EC fan
- Optional stand
- Eco-friendly, cost-effective LED lighting
- Polypropylene sides without windows
- Analog control panel
- **Compliance with Test Standard: US Federal Standard 209E / ISO 14644-1 / CE**

Control System



Models

Spec/Model	ECO-HC-V120-PP
Outer Dimensions W x D x H	1200 x 558 x 1105 mm 47.2 x 21.9 x 43.5”
Workspace (W x D x H)	1180 x 450 x 450 mm 46.4 x 17.7 x 17.7”
Test Standard	US Federal Standard 209E / ISO 14644-1 / CE
Air Velocity m/s	0.35 m/s 70 fpm
Cleanliness in Workstation	Class-100 (FS 209E) ISO 5, ISO-14644-1
Hood Material	Polypropylene
Work Table Material	Polypropylene
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB
Power Supply	110 / 220V, 50/60 Hz, Single phase
Illumination	600 LUX LED lighting
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14

Accessories

Spec/Model	ECO-HC-V120-PP
Stand	ECO-HC-120-ST

Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
www.topairsystems.com I Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

Polypropylene Horizontal PRO Laminar Clean Bench

TopAir provides high quality, secure Horizontal Laminar Clean Benches. TopAir's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air. In horizontal benches, the filtered air flows through a filter installed at the back of the bench, toward the staff.

All components are manufactured by leading global companies, such as AAF USA.

Advanced Operation System:

- 7" screen with air velocity display
- Automatic air velocity control
- Hour timer for filter
- Filter replacement alarm

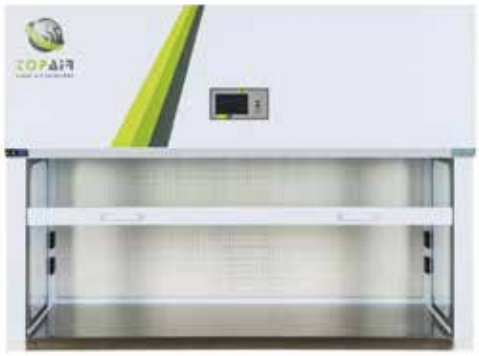
Red Light Alert: Whenever there is an air velocity failure, a red light inside the unit switches on and the system light automatically switches off. This enables convenient detection of failures from a distance , even by hearing-impaired people.

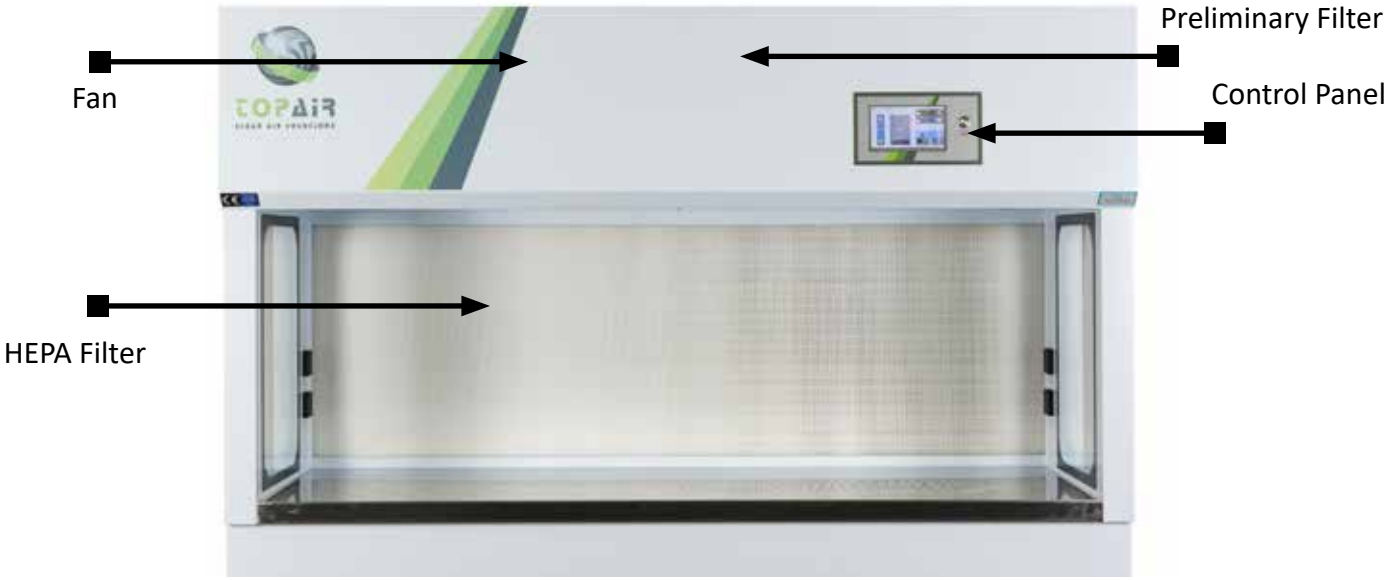
The clean bench complies with **Test Standard USA Federal Standard 209E / ISO 14644-1 / CE** and can be customized to customer requirements.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

- Horizontal air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed).
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- 7" screen with air velocity display
- Automatic configuration for air velocity
- High efficiency quiet EC fan
- Metal stand
- Front window
- UV light
- Universal electrical outlet
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO 14644-1 / CE**





Models

Spec/Model	HC-H090P	HC-H120P	HC-H150P	HC-H180P
Outer Dimensions W x D x H	900 x 930 x 1200 mm 35.4 x 36.6 x 47.2”	1200 x 930 x 1200 mm 47.2” x 36.6 x 47.2”	1500 x 930 x 1200 mm 59 x 36.6 x 42.2”	1800 x 930 x 1200 mm 70.8 x 36.6 x 47.2”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	770 x 620 x 600 mm 30.3 x 24.4 x 23.6”	1070 x 620 x 600 mm 42.1 x 24.4 x 23.6”	1370 x 620 x 600 mm 53.9 x 24.4 x 23.6”	1670 x 620 x 600 mm 65.7 x 24.4 x 23.6”
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness within Work-station	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	Polypropylene			
Work Table Material	Stainless steel SUS 304			
Noise	<54dB	<56dB	<58dB	<58dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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Polypropylene IVF Laminar Clean Bench

TopAir's Polypropylene IVF Laminar Clean Bench is designed for IVF procedures, with a heating plate for an accurate 37° temperature, and a temperature display.

The clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In vertical benches, the filtered air is channeled downwards through a filter installed at the top of the bench.

All components are produced by leading global companies such as AAF USA.

The clean bench complies with Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and is customized to the specifications of each client.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

NEW!

- Designed for IVF procedures - heating plate for an accurate temperature of 37° and temp. display.
- Vertical air stream producing clean air at ISO5/ CLASS100 or ISO4/Class10 standards
- Polypropylene structure assures stability, preventing bench movements throughout sensitive operations.
- User-friendly digital control system
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High efficiency quiet EC fan
- Optional stand
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**

Models

Spec/Model	HC-V090-IVF	HC-V120-IVF	HC-V150-IVF	HC-V180-IVF
Outer Dimensions W x D x H	900 x 760 x 1250 mm 35.4 x 30 x 49.2"	1200 x 760 x 1250 mm 47.2 x 30 x 49.2"	1500 x 760 x 1250 mm 59 x 30 x 49.2"	1800 x 760 x 1250 mm 70.8 x 30 x 49.2"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	770 x 660 x 750 mm 30.3 x 26 x 29.5"	1070 x 660 x 750 mm 42.1 x 26 x 29.5"	1370 x 660 x 750 mm 53.9 x 26 x 29.5"	1670 x 660 x 750 mm 65.7 x 26 x 29.5"
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness in Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	White polypropylene			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB	<50dB	<54dB	<54dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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Metal Vertical Laminar Clean Bench

TopAir provides high quality, safe Vertical Laminar Clean Benches. The clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In vertical benches, the filtered air is channeled downwards through a filter installed at the top of the bench.

All components are produced by leading global companies such as AAF USA.

Advanced Operation System:

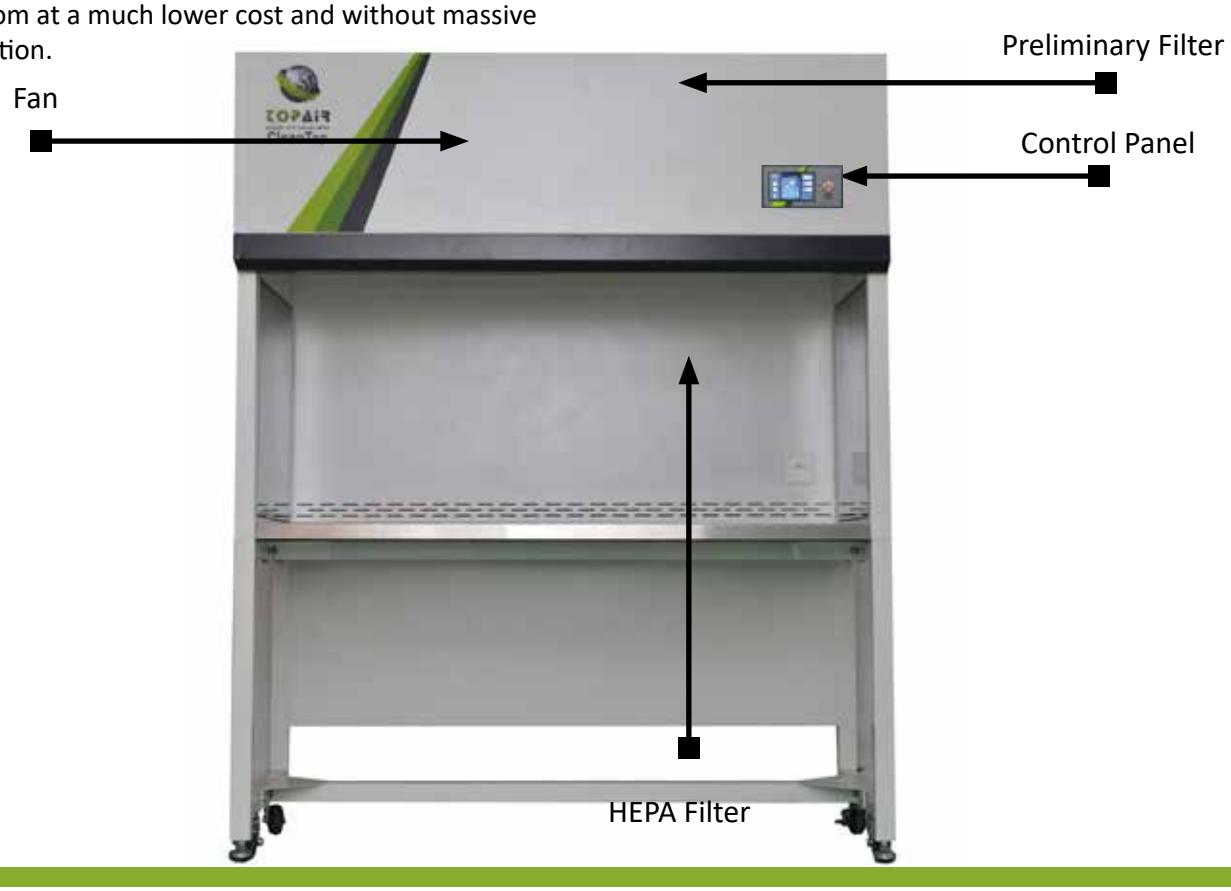
- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with Test Standard **USA Federal Standard 209E / ISO 14644-1 / CE** and is customized to the specifications of each client.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

- Vertical air stream producing clean air at ISO5/ CLASS100 or ISO4/Class10 standards
- Massive epoxy-coated and oven tempered metal structure assures stability, preventing bench movements throughout sensitive operations.
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High efficiency quiet EC fan
- Optional stand
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**



Models

Spec/Model	HC-V090	HC-V120	HC-V150	HC-V180
Outer Dimensions W x D x H	900 x 810 x 1350 mm 35 x 31.9 x53.1"	1200 x 810 x 1350 mm 47.2 x 31.9 x 53.1"	1500 x 810 x 1350 mm 59 x 31.9 x 53.1"	1800 x 810 x 1350 mm 70.8 x 31.9 x 53.1"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace (W x D x H)	770 x 660 x 750 mm 30.3 x 26 x 29.5"	1070 x 660 x 750 mm 42.1 x 26 x 29.5"	1370 x 660 x 750 mm 53.9 x 26 x 29.5"	1670 x 660 x 750 mm 65.7 x 26 x 29.5"
Test Standard	USA Federal Standard 209E / ISO-14644-1, CE			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness in Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	High grade cold rolled steel and surface is static powder coated			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB	<50dB	<54dB	<54dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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Metal Horizontal Laminar Clean Bench

TopAir provides high quality, safe Horizontal Laminar Clean Benches. TopAir's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.

In horizontal benches, the filtered air flows through a filter installed at the back of the bench toward the staff.

All components are produced by leading global companies, such as AAF USA.

Advanced Operation System:

- Color 5" touch screen
- 10-speed fan
- Hour counter for filter
- Filter replacement alarm

The clean bench complies with Test Standard USA Federal Standard 209E / ISO 14644-1/ CE and can be customized to the specifications of each client.

Clean benches are designed to supply a clean controlled work environment meeting Class 100/ISO5 cleanliness standard, resembling a clean room, with the additional advantages of portability and small dimensions.

Clean benches provide a high quality alternative to a clean room at a much lower cost and without massive construction.

- Horizontal air stream producing clean air in compliance with ISO5/ CLASS100 or ISO4/Class10 standards (depending on the filter installed).
- Massive epoxy coated, oven-tempered metal structure assures stability, preventing movement during sensitive operations.
- Work surface made of 304 stainless steel
- Side windows made of tempered glass
- High efficiency quiet EC fan
- Optional stand
- Universal electrical outlet
- Innovative, advanced design
- Variety of sizes and materials; optional stand
- Eco-friendly, cost-effective LED lighting
- **Compliance with Test Standard: US Federal Standard 209E / ISO-14644-1 / CE**

Models

Spec/Model	HC-H090	HC-H120	HC-H150	HC-H180
Outer Dimensions	900 x 890 x 1250 mm	1200 x 890 x 1250 mm	1500x 890 x 1250 mm	1800 x 890 x 1250 mm
W x D x H	40.5 x 35 x 49.2	47.2 x 35 x 49.2	59 x 35 x 49.2	70.8 x 35 x 49.2
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Workspace	770 x 610 x 640 mm	1070 x 610 x 640 mm	1370 x 610 x 640 mm	1670 x 610 x 640 mm
(W x D x H)	30.3 x 24 x 25.2”	47.1 x 24 x 25.2”	53.9 x 24 x 25.2”	65.7 x 24 x 25.2”
Test Standard	US Federal Standard 209E / ISO 14644-1			
Air Velocity m/s	0.3 m/s, 60 FPM			
Cleanliness within Workstation	Class-100 (FS 209E) ISO 4, ISO-14644-1			
Hood Material	High grade cold rolled steel and surface is static powder coated			
Work Table Material	Stainless steel SUS 304			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<50dB	<50dB	<54dB	<54dB
Power Supply	110 / 220V, 50/60 Hz, Single phase			
Illumination	800 LUX LED lighting			
Filter	HEPA Filter Efficiency of 99,9995% at 0.3 Microns H14 (Optional ULPA filter)			

Accessories

Spec/Model	HC-090	HC-120	HC-150	HC-180
Stand	HC-090-ST	HC-120-ST	HC-150-ST	HC-180-ST
Combined UV light and front sash	HC-090-UV-FS	HC-120-UV-FS	HC-150-UV-FS	HC-180-UV-FS
Separated "floating" table	HC-090-VB	HC-120-VB	HC-150-VB	HC-180-VB

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Polypropylene PCR-UV Cabinet

TopAir's Polypropylene PCR-UV cabinets offer complete protection from contamination.

Made of high-quality non-corrosive polypropylene, the cabinets feature a high level of chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

The cabinets are used in the genomics, proteomics, molecular biology and forensic sciences industries.

They feature an ergonomic design and premium materials.

- Polypropylene structure with high chemical resistance
- Ozone free UV lightbulb, UV output at 1M 254nm
- Tempered glass frameless pivot window
- Eco-friendly, cost-effective 800 LUX LED lighting
- Smart safety mechanism prevents UV exposure
- 5" color touch screen
- Optional stand

Models

Spec/Model	PCR-060-UV	PCR-090-UV	PCR-120-UV
External Dimensions W x D x H	600 x 640 x 750 mm 23.6 x 25.2 x 29.5"	900 x 640 x 750 mm 35.4 x 25.2 x 29.5"	1200 x 640 x 750 mm 47.2 x 25.2 x 29.5"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Workspace (W x D x H)	580 x 450 x 550 mm 22.8 x 17.7 x 21.6"	880 x 450 x 550 mm 34.6 x 17.7 x 21.6"	1180 x 450 x 550 mm 46.4 x 17.7 x 21.6"
Front Sash Max Opening	500 mm / 19.6”	500 mm / 19.6”	500 mm / 19.6”
Filter	None		
Cabinet Material	White Polypropylene		
UV light	17w ozone free 245nm		
Power Supply	110 / 220V , 50/60 Hz, Single phase		
Illumination	800 LUX LED lighting		

Accessories

Spec/Model	PCR-060-ST	PCR-090-ST	PCR-120-ST
Stand W X D X H	600 X 640 X 802 mm 24 x 25.2 x 31.57"	900 X 640 X 802 mm 36 x 25.2 x 31.57"	1200 X 640 X 802 mm 48 x 25.2 x 31.57"

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Polypropylene PCR-HEPA Cabinet

TopAir's Polypropylene PCR-HEPA cabinets offer a quality filtering system which provides complete protection from contamination.

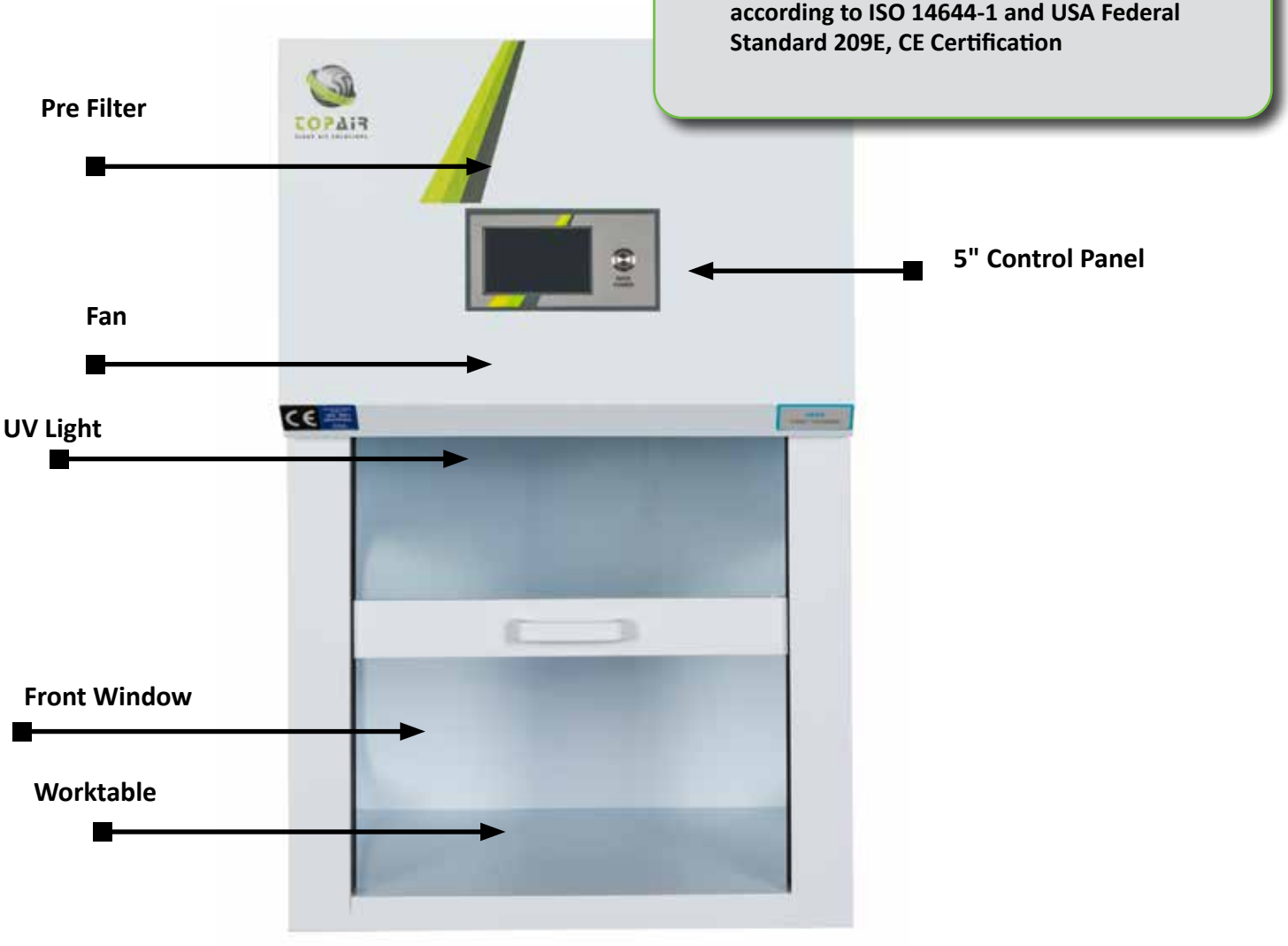
Made of high-quality non-corrosive polypropylene, the cabinets feature a high level of chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

The cabinets are used in the genomics, proteomics, molecular biology and forensic sciences industries.

They feature an ergonomic design and premium materials, including a cutting-edge motor fan ensuring long-term durability and low noise.

The cabinet complies with Test Standard: USA Federal Standard 209E / ISO 14644-1 and has CE certification.

- Variety of HEPA & carbon filters
- Polypropylene structure with high chemical resistance
- Ozone free UV lightbulb, UV output at 1M 254nm
- Tempered glass frameless pivot window
- Eco-friendly, cost-effective 800 LUX LED lighting
- Air velocity: 0.3 m/s, 60 FPM
- Smart safety mechanism prevents UV exposure
- User-friendly 5" control panel with UV, lighting control & UV timer (30 min)
- High efficiency quiet EC fan
- Optional stand
- **ISO 6/ CLASS 1000 cleanliness level according to ISO 14644-1 and USA Federal Standard 209E, CE Certification**



Models

Spec/Model	PCR-060-HEPA	PCR-090-HEPA	PCR-120-HEPA
External Dimensions W x D x H	600 x 640 x 950 mm 23.6 x 25.2 x 37.4”	900 x 640 x 950 mm 35.4 x 25.2 x 37.4”	1200 x 640 x 950 mm 47.2 x 25.2 x 37.4”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Workspace (W x D x H)	585 x 450 x 590 mm 23 x 17.7 x 23.2"	885 x 450 x 590 mm 34.8 x 17.7 x 23.2"	1185 x 450 x 590 mm 46.6 x 17.7 x 23.2"
Front Sash Max Opening	450 mm / 17.7"	450 mm / 17.7"	450 mm /17.7"
Production / test Standard	USA Federal Standard 209E / ISO 14644-1, CE		
Air Velocity	0.3 m/s, 60 FPM	0.3 m/s, 60 FPM	0.3 m/s, 60 FPM
Filter	H14, HEPA		
Hood Material	White Polypropylene		
Noise (Tested 20 cm from the work table, 1.2m above ground)	< 56 dB		
UV light	17w ozone free 245nm		
Power Supply	110 / 220V , 50/60 Hz, Single phase		
Illumination	800 LUX LED lighting		

Accessories

Spec/Model	PCR-060-ST	PCR-090-ST	PCR-120-ST
Stand W X D X H	600 X 580 X 802 mm 24 x 22.8 x 31.57"	900 X 580 X 802 mm 36 x 22.8 x 31.57"	1200 X 580 X 802 mm 48 x 22.8 x 31.57"

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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 cabinet offers a high level of contamination protection, based on two advanced ULPA filters operating at a typical efficiency of @99.9995% @ 0.1 um with an airflow pattern of 70% downflow and 30% exhaust.

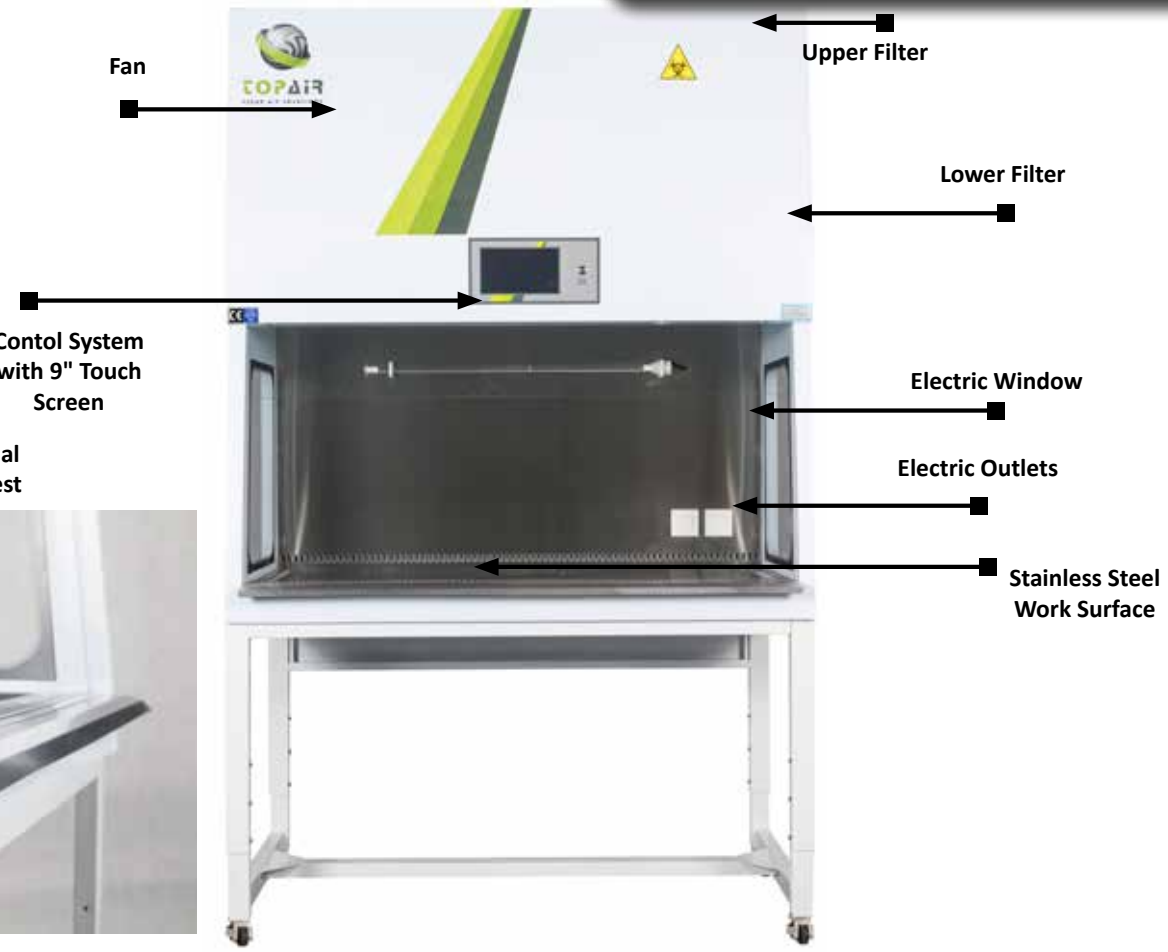
The cabinet is made of robust, easily-cleaned anti-corrosive polypropylene with high resistance to acids and chemicals, which is optimal for clean rooms.

The cabinet is equipped with a smart, safe and elegant touch-screen control system that protects the operator and provides alerts for 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 ULPA H15 filters @99.9995% @ 0.1 um
- High efficiency quiet EC fan, 2 integrated taps and 2 electrical outlets
- Smart 9" color 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 triplex layer safety front glass window with electrical motion system
- Programmable economical night mode
- Airflow Pattern: 70% circulation, 30% exhaust
- Economical LED light
- Adjustable stand, arm rest
- **ISO 5/CLASS 100 cleanliness level according to ISO 14644-1 & USA Federal Standard 209E**
- **CE certified, complies with EN 12469**



Optional Arm Rest

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 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)	835 x 600 x 640 mm 32.8 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	480 mm / 18.9”			
Production/ Test Standard	CE / In Accordance with EN12469			
Downflow Velocity	0.33 m/s, 60 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. 304 stainless steel Interior. Options for windowless sides or a 316 stainless steel structure			
Adjustable Stand Heights	70/80/90 cm			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<56dB	<62dB	<63dB	<63dB
Power Supply	115 / 230V, 50/60 Hz, Single phase			
Illumination	800 LUX, Eco-friendly LED lighting			
Filters	ULPA H15 Efficiency @99.9995% @ 0.1 um			

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BO-IPC-10 – Intergrated Particle Counter

TopAir Systems' new integrated particle counter for biosfatey cabinets is the first system in the world to enable continuous air sampling in biosafety cabinets, ensuring the cabinet is not contaminated by particles all year round.

BO-IPC-10 is supplied with the new TopAir Systems control system 10" touch screen and microprocessor control.

It is the most advanced control system for biosafety cabinets in the market today. It allows the user to receive all relevant information in order ensure that work processes are completely safe and secure.

The system is multi-language and can be set to English, French or Spanish.

The system displays data such as:

- Air Velocity
- Particals counting
- Filter status
- Temperature
- Humidity
- Socket control
- UV control and status
- All alarms and alarm logs
- Sash status and control

Metal-Free Polypropylene Biosafety Cabinet Class II A2

TopAir's Full-Polypropylene Biosafety Cabinet Class II A2 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 ULPA filters operating at a typical efficiency of @99.9995% @ 0.1 um with an airflow pattern of 70% downflow and 30% exhaust.

The cabinet structure is 100% polypropylene, including all components, both external and internal. The robust, easily-cleaned anti-corrosive polypropylene offers 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 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.

- 100% Polypropylene structure - high chemical resistance
- Tempered glass side walls
- Two ULPA H15 filters @99.9995% @ 0.1 um
- High efficiency quiet EC fan, 2 integrated taps and 2 electrical outlets
- Smart 9" color 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 triplex 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-MF	BO-120-MF	BO-150-MF	BO-180-MF
Outer Dimensions W x D x H	915 x 800 x 1500 mm 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)	835 x 600 x 630 mm 32.8 x 23.6 x 24.8"	1135 x 600 x 630 mm 44.7 x 23.6 x 24.8"	1440 x 600 x 630 mm 57 x 23.6 x 24.8"	1715 x 600 x 630 mm 67.5 x 23.6 x 24.8"
Front Sash Max Opening	480 mm / 18.9”			
Production/ Test Standard	CE / In accordance with EN12469			
Downflow Velocity	0.33 m/s, 60 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 (internal and external)			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<52dB	<53dB	<57dB	<57dB
Power Supply	115 / 230V, 50/60 Hz, Single phase			
Illumination	800 LUX, Eco-friendly LED lighting			
Filters	ULPA H15 Efficiency @99.9995% @ 0.1 um			

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Polypropylene Biosafety Cabinet Class II B2

TopAir's Class II B2 Biological Safety cabinet, featuring 100% exhaust, protects lab staff, the environment and sensitive work processes in which biological agents are applied.

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.

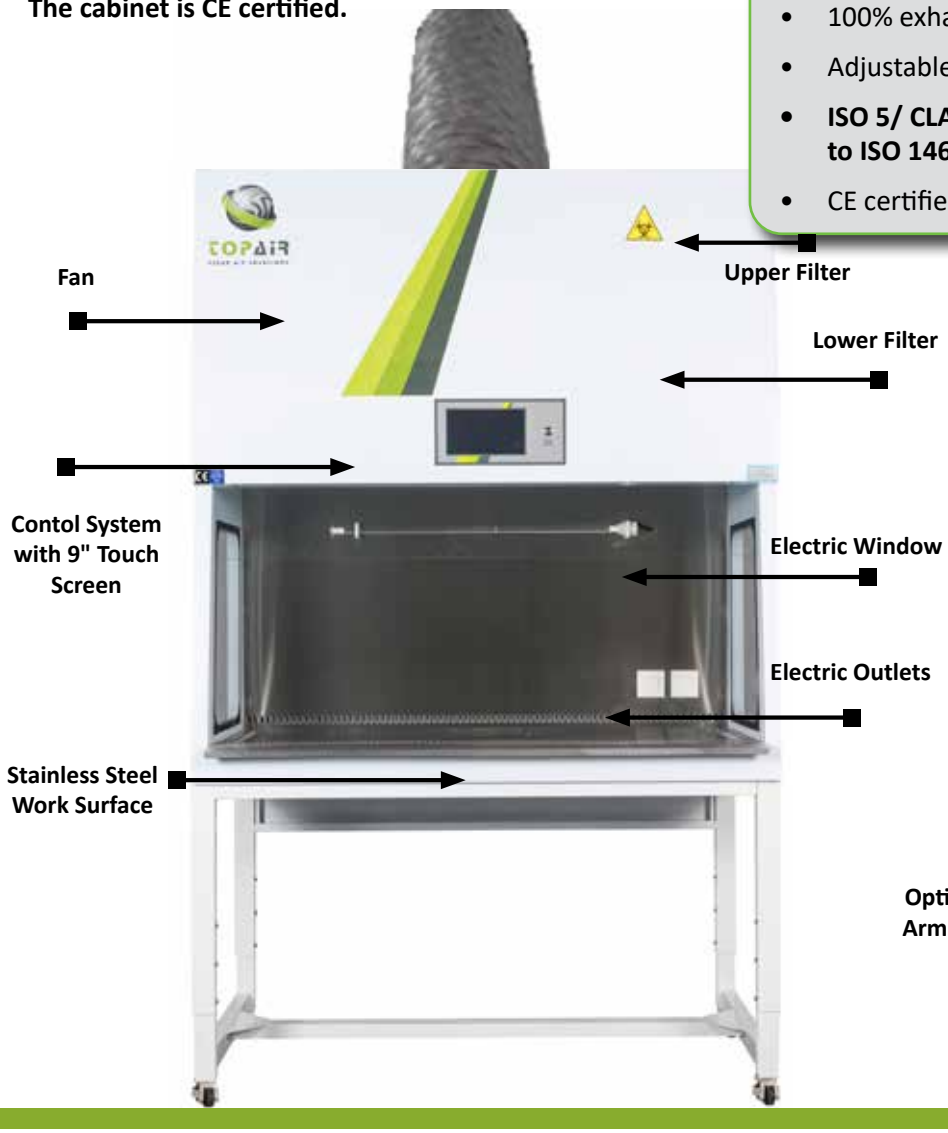
The cabinet is made of robust, easily-cleaned anti-corrosive polypropylene with high resistance to acids and chemicals, which is optimal for clean rooms.

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

There is a dual separate airflow system with inflow and downflow hot wire sensors, with each of them delivering air velocity value and alarms.

The cabinet is CE certified.

- Polypropylene structure, high chemical resistance
- Tempered glass side walls, 304 stainless steel work surface & spill tray
- 2xULPA H15 filters -efficiency @99.9995% @ 0.1 um
- High efficiency quiet EC fan, 2 integrated taps and 2 electrical outlets
- Smart 9" color touch screen control system
- Technician calibration screen
- Maintenance & technical faults alarms
- Timers and counters management screen
- Germicidal water proof UV light system and safety interlock mechanism
- 6 mm triplex layer safety front glass window with electrical motion system
- System alarm and downflow fan shutdown upon inflow failure
- Economical LED light
- 100% exhaust
- Adjustable stand, arm rest
- **ISO 5/ CLASS 100 cleanliness level according to ISO 14644-1 & USA Standard 209E**
- CE certified



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.

Optional Arm Rest

Models

Spec/ Model	BO-090-PP-B	BO-120-PP-B	BO-150-PP-B	BO-180-PP-B
Outer Dimensions W x D x H	915 x 800 x 1500 mm 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	0.33 m/s, 60 FPm			
Inflow velocity	0.5 m/s, 100 fpm			
Airflow pattern	100% exhaust			
Cleanliness level	ISO 5/ CLASS 100 cleanliness level according to ISO 14644-1 & USA Standard 209E			
Hood Material	Welded white polypropylene structure. 304 stainless steel Interior. Options for windowless sides or a 316 stainless steel structure			
Noise (Tested 20 cm from the work table, 1.2m above ground)	<52dB	<53dB	<57dB	<57dB
Power Supply	115 / 230V, 50/60 Hz, Single phase			
Illumination	800 LUX, Eco-friendly LED lighting			
Filters	ULPA H15 Efficiency @99.9995% @ 0.1 um			

* External fan and ducts are available upon request (not included)

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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.

NEW!

- 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 31.5 x 26.7 x 48"	1200 x 680 x 1220 mm 47.2 x 26.7 x 48"	1500 x 680 x 1220 mm 59 x 26.7 x 48”	1800 x 680 x 1220 mm 70.8 x 26.7 x 48”
Workspace (W x D x H)	720 x 500 x 570 28.3 x 19.7 x 22.4"	1120 x 500 x 570 44 x 19.7 x 22.4"	1420 x 500 x 570 55.9 x 19.7 x 22.4"	1720 x 500 x 570 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

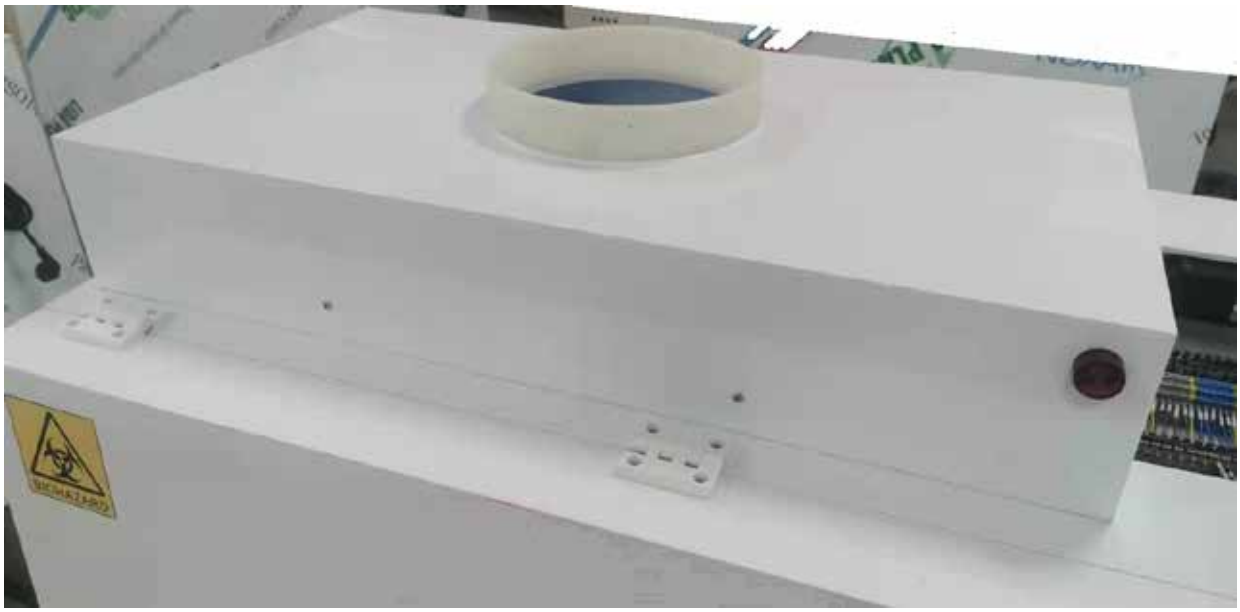
Safety Exhaust Box - Biosafety Class II A2

The safety exhaust box is a removable device that increases the safety of the Biosafety cabinet Class II A2, by connecting the exhaust airflow to an extraction system and channeling the filtered air out of the building.

The unit is equipped with a one-way valve that prevents the release of air from the Biosafety cabinet into the lab environment. It allows fresh air to be mixed within the box and maintains the original inflow-downflow balance.

In the case of a failure in the external extraction system, the inflow display will show a drop in the airflow rate and an audio-visual safety alarm will be activated on the Biosafety cabinet screen and on the box display.

- Outlet connection - 250 mm diameter
- The system requires an external exhaust fan with a VFD/manual damper.



Models

Spec/ Model	BO-SEB-90	BO-SEB-120	BO-SEB-150	BO-SEB-180
	Safety Exhaust Box for BO-090-PP	Safety Exhaust Box for BO-120-PP	Safety Exhaust Box for BO-150-PP	Safety Exhaust Box for BO-180-PP

Polypropylene Lab Storage Cabinet

TopAir's high quality lab storage cabinet combines an ergonomic design and premium materials.

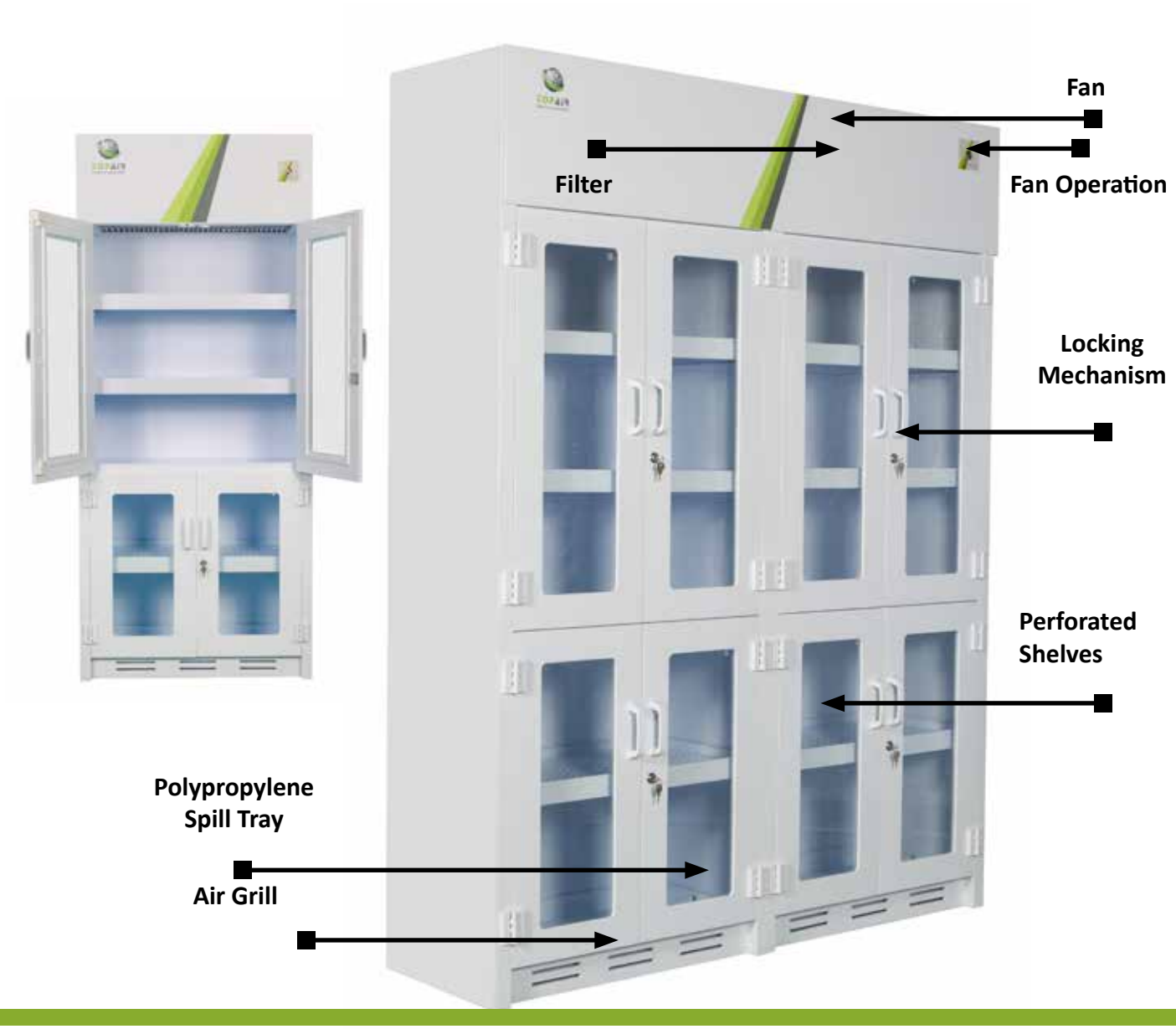
The cabinet is made of white polypropylene featuring a high level of corrosive resistance.

The cabinet complies with international standards, protecting lab staff from inhaling harmful chemicals and providing Convenient solution, and storage for bottles and cans.

- Polypropylene structure with high chemical resistance
- Observation windows made of hermetically tempered glass
- Door locks
- Ventilation openings at the top and bottom of the unit
- 3 shelves inside the cabinet
- Optional suction fan
- **PPS Option**

Hood configuration options

1. Lab Storage cabinet with fuming duct connection - can be connected to an existing fuming system.
2. Lab Storage cabinet with fan & filter system - an independent unit that provides fuming for the Hood interior with no need for ducting/pipes



Models

Spec/Model	LFC-PF-900-PP	LFC-PF-1200-PP	LFC-PF-1600-PP
Description	Lab storage cabinet with duct fuming connection	Lab storage cabinet with duct fuming connection	Lab storage cabinet with duct fuming connection
External Dimensions (W x D x H)	900 x 450 x 2100 mm 35.43 x 17.71 x 82.7”	1200 x 450 x 2100 mm 47.2 x 17.71 x 82.7”	1600 x 450 x 2100 mm 63 x 17.71 x 82.7”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Hood Material	White polypropylene, 6 mm Tempered Glass		

With Filtration System

(including carbon/HEPA filters and powerful economical consumption fan)

Spec/Model	LFC-AFF-900-PP	LFC-AFF-1200-PP	LFC-AFF-1600-PP
Description	Lab storage cabinet with independent fume filtering systems	Lab storage cabinet with independent fume filtering systems	Lab storage cabinet with independent fume filtering systems
External Dimensions (W x D x H)	900 x 450 x 2100 mm 35.43 x 17.71 x 82.7”	1200 x 450 x 2100 mm 47.2 x 17.71 x 82.7”	1600 x 450 x 2100 mm 63 x 17.71 x 82.7”
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS			
Hood Material	White polypropylene, 6 mm Tempered Glass		
Power Supply	110/220V 50/60 Hz		

Accessories

LFC-SPT
Polypropylene spill tray

VAV - Auto Air Velocity Control System

TopAir's advanced VAV system measures the product's air velocity using a high quality sensor, and adjusts the air velocity speed to the relevant standard.

The system enables maximal energy savings, by flexibly adjusting the fan speed (high/low) to changing needs. Further savings are enabled in the area of air conditioning, as the air flow from the room is reduced when the fan operates at a lower speed. This also reduces the fume hood's noise level.

The system keeps the user updated as to the airflow speed at all times and provides alerts on deviations from the required speed to prevent hazardous situations.

TopAir's VAV System introduces an entirely new concept for intelligent operation of fume hoods. As a complete solution, all its components are already integrated, configured and programmed - a true plug-and-play system. Eliminating the need to separately purchase a control system, touch screen and frequency inverter, and employing technicians to integrate and install each component, the VAV System offers the customer a full cost-effective solution.

The VAV System can be used to renovate an existing fume hood, or can be installed in a new fume Hood. In both cases, it upgrades the fume Hood to a high-end intelligent system.

The VAV System comprises:

- A touch screen including visual and audio indicators for alerts, as well as a mute button.
- A unit including sensors and power supply for the screen.
- VFD (Variable Frequency Drive) which controls the frequency and voltage supplied to the motor.

The VAV System is a highly reliable and user-friendly system for setup and use.

Upon a failure, the interior of the cabinet is lighted up in bright red, so that staff, including people with hearing issues, can easily detect the failure from a distance.

The system can be installed in research labs, healthcare facilities, life science companies, universities, and more.

- 9" color touch screen with display and control for set point, air velocity, alerts and configuration information
- High quality frequency inverter
- A variety of HOTWIRE sensor systems which enables changes according to customer requests
- Simple user friendly interface
- Cost effective as it includes a high-end frequency inverter
- Frequency inverter maximizes efficiency and prevents motor noises

Models

Category	VAV-9
Screen	9" color touch screen
Function	Auto air velocity control systems (VAV + VFD) and central operating system for fume hoods
Display range	0 - 2 m/s
Low alarm range set point	Settable
Output	3 phase 3 x 230v
Analog in	0-10 VDC
Input power	110-220 V, 50/60 hz

AFA-7 Air Flow Monitoring System

TopAir's advanced Airflow Monitoring System measures the fume hood's air velocity using a high-quality sensor and displays it on the unit's main screen.

The system keeps the user updated as to the airflow speed at all times on TopAir's CAF (Constant Air flow Fume Hoods) and provides alerts on deviations from the required speed to prevent hazardous situations.

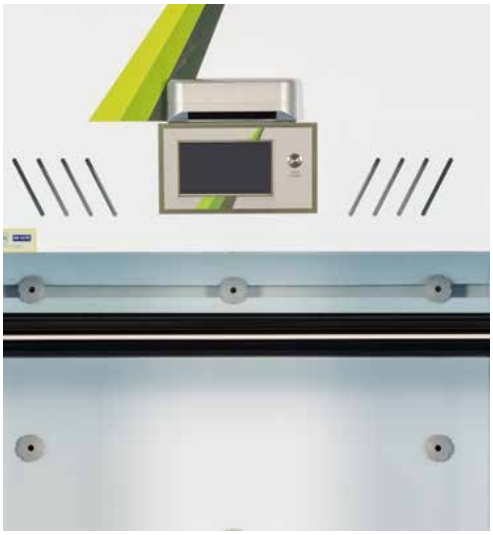
TopAir's Airflow Monitoring System introduces an entirely new concept for intelligent operation of fume hoods. As a complete solution, all its components are integrated, configured, and programmed - a true plug-and-play system. Eliminating the need to separately purchase a control system, and employing technicians to integrate and install each component, the AFA-7 System offers the customer a full cost-effective solution for Air Flow Monitoring.

- 7" color touch screen with display and controls for set point, air velocity, alerts and configuration information
- Customizable HOTWIRE sensor system
- Simple user friendly interface and settings
- Can be installed in an existing fume hood
- Cost effective
- Increases lab safety to by alerting on un-safe conditions in the fume hood

The AFA-7 System comprises:

- A touch screen including visual and audio indicators for alerts, as well as a Mute button.
- A unit including sensors and power supply for the
- screen.
- Central control over all the unit's functions on the main touch screen – lights control, main On/Off, alarm data, sockets control and more.
- Made in the USA, the AFA-7 System is a highly reliable and user-friendly system for setup and use.

The system can be installed in research labs, healthcare facilities, life science companies, universities, and more.



Models

Category	AFA-7
Screen size	7"
Function	Airflow monitoring and alarm system for fume hoods
Display range	0 - 2 m/s
Low alarm range set point	Settable
Output	1 phase 1 x 230v (can work as a 3 phase system if you add a VFD)
Analog in	0-10 VDC
Input power	110-220 V, 50/60 hz

Outdoor Centrifugal Fans

NEW!

TopAir Systems offers high-quality outdoor centrifugal fans.

The roof/side wall fans are weather resistant, based on a PVC structure and polypropylene impeller.

The motor offers a 3 Phase 200-380V power supply (the FH-FAN-750 also has an option for 110-120V single phase), with water protection level of IP 55.

TopAir's variety of sizes, flows and accessories allows a choice of the best-suited fan for your needs.

Models

Fan Model	RPM	Pressure (PA)	M3/H	Power	Structure	Impeller	Power Supply	Water Resistance	Sound Level	Weight
FH-FAN-750	2850	510	2000	750 W	PVC	PP Dia 400 mm W-200 mm	3 Phase 200-380V 110-120V Single phase	IP 55	70 dBA	25 kg
		500	2200							
		490	2400							
		470	2600							
		440	2800							
		420	3000							
		380	3200							
		340	3400							
		300	3600							

Fan Model	RPM	Pressure (PA)	M3/H	Power	Structure	Impeller	Power Supply	Water Resistance	Sound Level	Weight
FH-FAN-1500	2850	510	3600	1500W	PVC	PP Dia 550 mm W-250 mm	3 Phase 200-380V	IP 55	70 dBA	30 kg
		500	3800							
		490	4000							
		470	4200							
		440	4400							
		420	4600							
		380	4800							
		340	5000							
		300	5200							

Fan Accessories

P/N	FH-M-DAM	FH-EXM	FH-WRACK
Description	Fan Manual Damper	Explosion Proof Fan Motor	Metal Fan Wall Rack

Washing Station

TopAir's Washing Station is designed for cleaning tools and equipment in lab environments.

The Washing Station is made of polypropylene with high chemical resistance, to serve the needs of laboratories.

The product's size can be customized to customer needs to accommodate any lab.

The Washing Station can contain sinks, taps, peg boards, drawers and shelves upon request.

- Designed for cleaning tools and equipment in labs
- Polypropylene structure with high chemical resistance
- Convenient access to all tools
- Size is made to requirements
- Optional accessories: Sinks, taps, peg boards, drawers, shelves

Models

Item	Size (cm)	Description
FR-WT-10070	100*70*80	Includes sink size 30*40 and swan tap
FR-WT-12070	120*70*80	Includes sink size 30*40 and swan tap
FR-WT-14070	140*70*80	Includes sink size 30*40 and swan tap
FR-WT-16070	160*70*80	Includes sink size 30*40 and swan tap
FR-WT-10070-PG	100*70*80	Includes sink size 30*40 and swan tap + 550*700 peg board
FR-WT-12070-PG	120*70*80	Includes sink size 30*40 and swan tap + 550*700 peg board
FR-WT-14070-PG	140*70*80	Includes sink size 30*40 and swan tap + 550*700 peg board
FR-WT-16070-PG	160*70*80	Includes sink size 30*40 and swan tap + 550*700 peg board

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Aluminum 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 automatic system to control the hotplate, humidity, door lock, internal circulation fan and purge cycle.

The system's recirculatory design enables it 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 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
- Adjustments to the presets can quickly be performed
- Can be activated automatically, or manually with an option for temperature and humidity control
- Filtering system with a carbon filter
- Eco-friendly, cost-saving LED lighting
- **CE certified**

Models

Spec/Model	SG-060	SG-075	SG-090	SG-150	SG-180
Airflow (m3/hr)	175	250	250	250	250
Dimensions W x D x H	600 x 600 x 760 mm 23.6 x 23.6 x 29.9”	750 x 750 x 1550 mm 29.5 x 29.5 x 61”	900 x 750 x 1550 mm 35.4 x 29.5 x 61”	1500 x 750 x 1550 mm 59 x 29.5 x 61”	1800 x 750 x 1550 mm 70.8 x 29.5 x 61”
Noise	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
(Tested 20 cm from the work table, 1.2m above ground)					
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	3 kg	5 kg	5 kg	8 kg	8 kg
Prefilter (Qty.)	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	Aluminum Frame Structure, Safety Triplex Glass				
Production/Test Standard	CE				

Programmable Electronic Control

The electronic control system includes easy on-screen functions to program the Purge Cycle, Contact Time and RH Sensor.

Filter Type	P/N
Main Filter	SG-CF
Pre Filter	SG-PF

Main and Pre Filters are supplied as standard with all chambers and are listed here for replacement purposes.

* Prefilters are supplied with all units. Efficiencies are over 99.6%. 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

- Evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- Door is closed and start button is pushed. Door locks automatically.
- Evidence is placed within the chamber.
- Humidifier is activated, increases humidity and releases vapors composed of 60%-80% humidity and fumes into the chamber.
- Fuming continues for a half-hour cycle.
- Once the cycle has completed, the evidence can be examined.

Polypropylene Cyanoacrylate Fuming Chamber

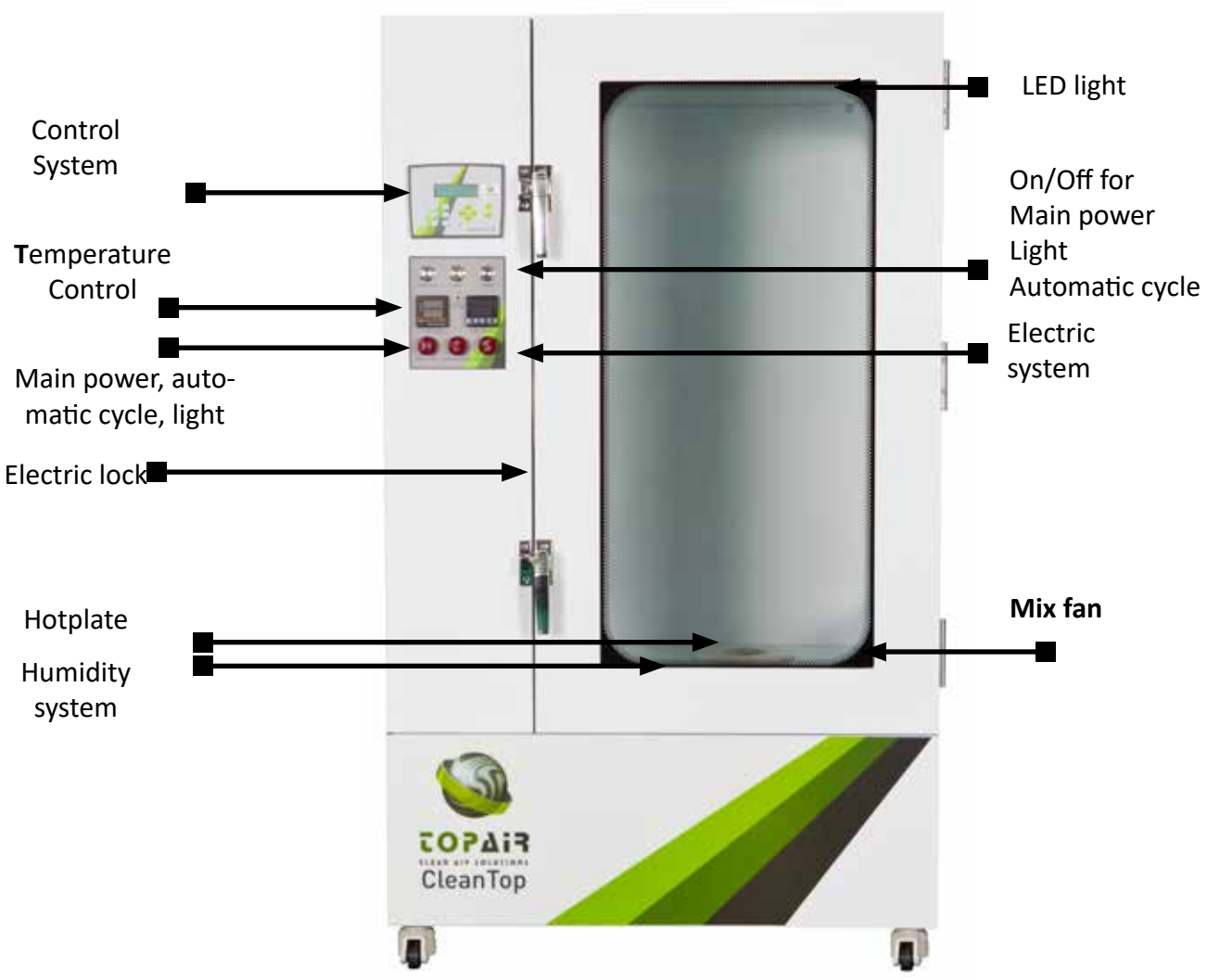
TopAir's Cyanoacrylate Fuming Chamber is used to develop latent prints from non-porous surfaces in a safe, controlled environment.

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, 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 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 dispalys all parameters of the processing cycle
- Can be activated automatically, or manually with an option for temperature and humidity control.
- Filtering system with a carbon filter
- Eco-friendly, cost-saving LED lighting
- Alarm for end of automatic cycle
- Audio-Visual 30-second alarm
- **CE certified**



Models

Spec/Model	SG-060-P	SG-075-P	SG-090-P	SG-150-P	SG-180-P
Airflow (m3/hr)	175	250	250	250	250
Dimensions WxDxH	600 x 600 x 760 mm 23.6 x 23.6 x 29.9”	750 x 750 x 1550 mm 29.5 x 29.5 x 61”	900 x 750 x 1550 mm 35.4 x 29.5 x 61”	1500 x 750 x 1550 mm 59 x 29.5 x 61”	1800 x 750 x 1550 mm 70.8 x 29.5 x 61”
Noise	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
(Tested 20 cm from the work table, 1.2m above ground)					
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	3 kg	5 kg	5 kg	8 kg	8 kg
Prefilter (Qty.)	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				

Programmable Electronic Control

The electronic control system includes easy on-screen functions to program Purge Cycle, Contact Time and RH Sensor.

Filter Type	P/N
Main Filter	SG-CF
Pre Filter	SG-PF

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. Efficiencies are over 99.6%. 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

- Evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- Door is closed and start button is pushed. Door locks automatically.
- Evidence is placed within the chamber.
- Humidifier is activated, increases humidity and releases vapors composed of 60%-80% humidity and fumes into the chamber.
- Fuming continues for a half-hour cycle.
- Once the cycle has completed, the evidence can be examined.

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Ecoline Polypropylene Cyanoacrylate Fuming Chamber

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

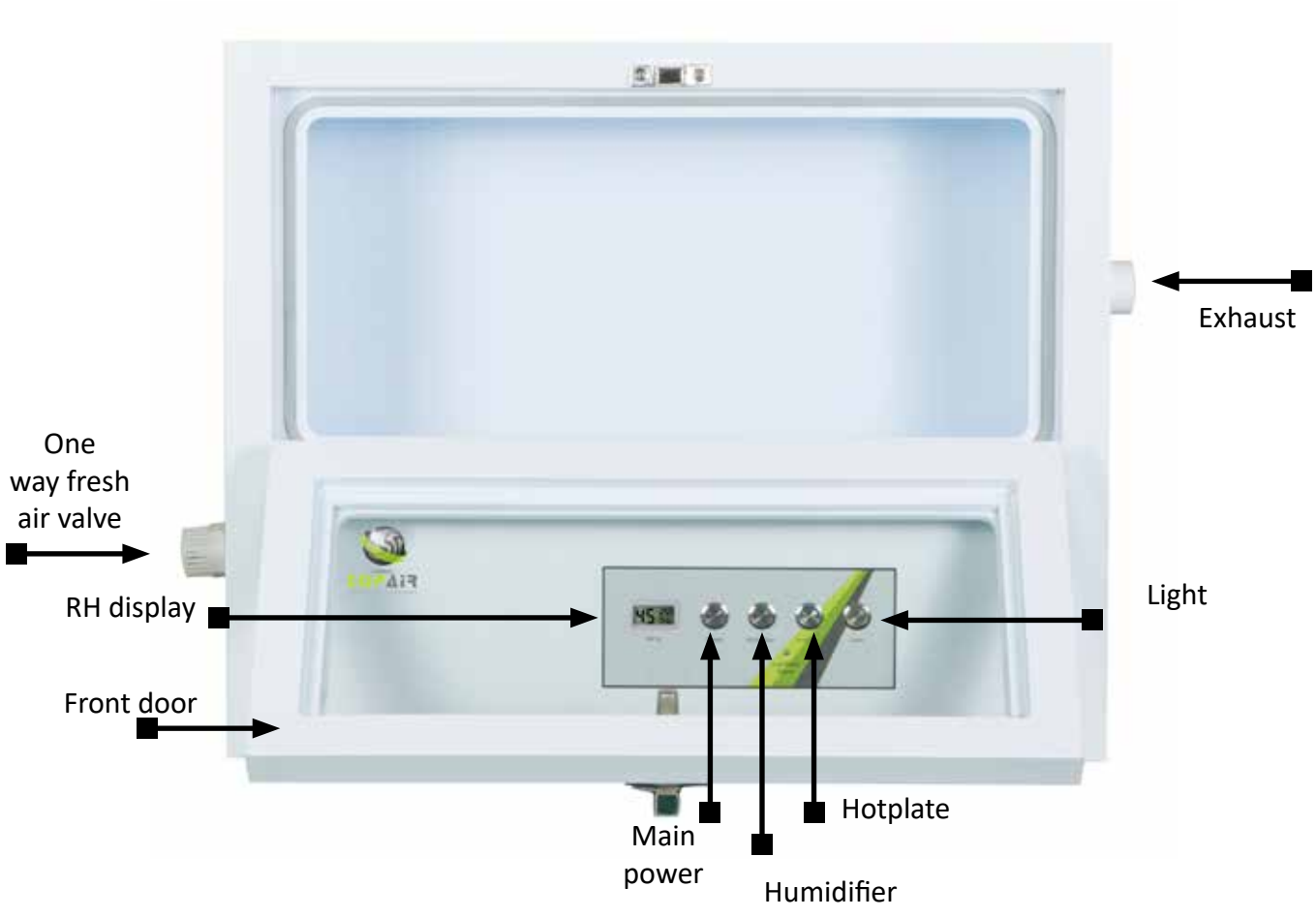
Cyanoacrylate is placed inside the chamber, and the evidence is easily positioned as well.

The unit is manually activated, enabling activation and switch-off of the hotplate and humidifier.

Its recirculatory design enables the system to operate and setup with an extraction system.

The cabinet requires a connection to an external ventilation system that diverts the material's vapors outside the building.

- Humidity display
- Ultrasonic humidifier
- Hotplate
- Polypropylene structure
- Clear glass front door
- Exhaust port
- One way valve for fresh air
- LED light



Models

Spec/Model	SG-ECO-060-P	SG-ECO-090-P
Airflow (m3/hr)	80	100
Dimensions WxDxH	600 x 500 x 500 mm 23.6 x 19.7 x 19.7"	900 X 500 X 500 mm 35.4 x 19.7 x 19.7"
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	Main ON/OFF
Monitoring	Humidity display	Humidity display
Construction	Polypropylene structure, safety Triplex glass	Polypropylene structure, safety Triplex glass

Operation Process

- Evidence is placed within the chamber and cyanoacrylate is placed on the hotplate.
- Door is closed.
- Humidifier is activated, increases humidity and releases vapors composed of 60%-80% humidity.
- Hotplate is on.
- Fuming continues.
- Once the cycle has completed, the evidence can be examined.

Optional accessories

SG-ECO-ROD - Polypropylene hanging rod

SG-ECO-FIL Standalone filtration kit – fan and carbon filter

SG-ECO-ESH - Indoor exhaust fan kit

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Water Filtration Cyanoacrylate Fuming Chamber

TopAir's Water Filtration 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, door lock, internal circulation fan, and purge cycle.

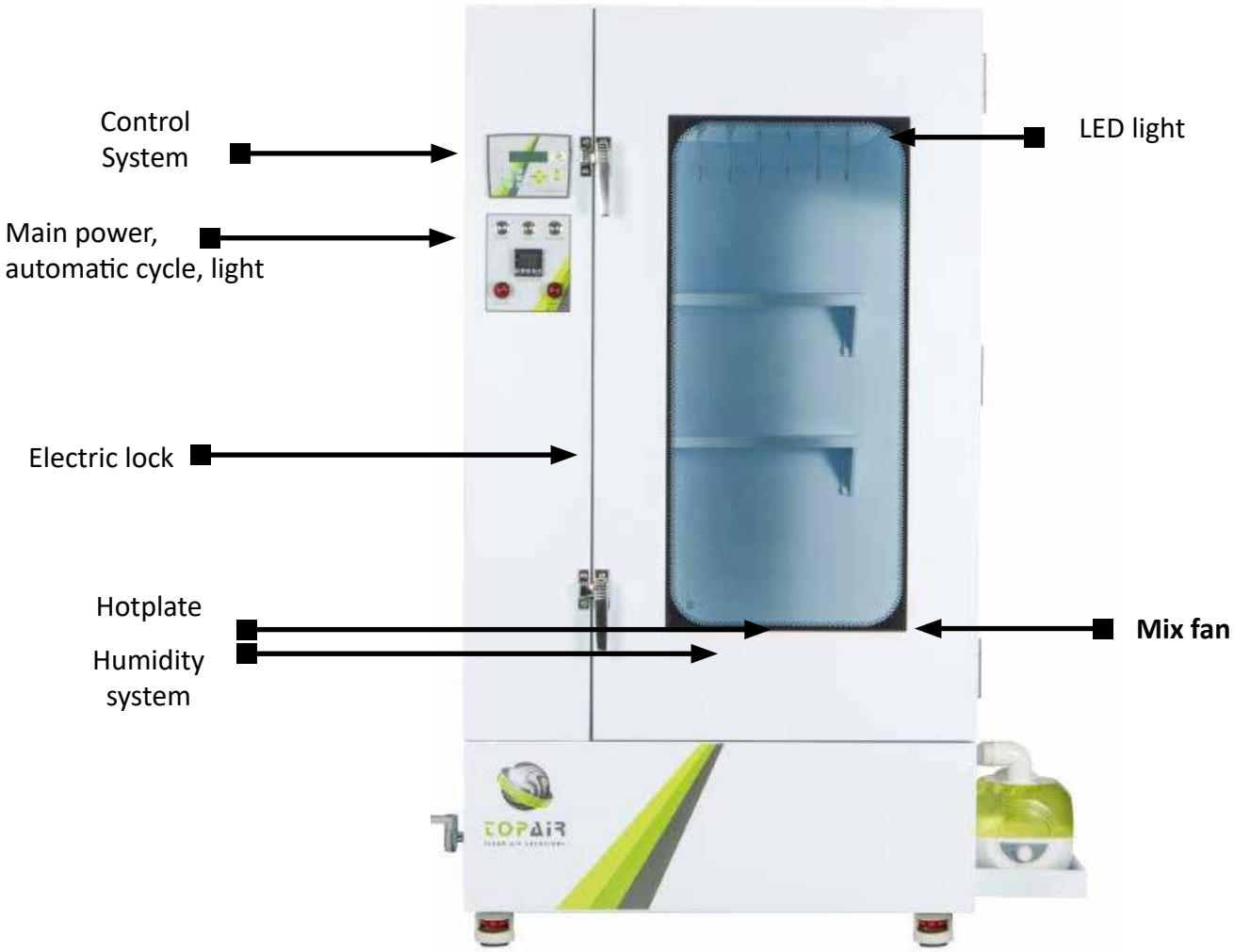
The Cyanoacrylate vapors are filtered using water filtration. This ensures that no dangerous substances are exhausted in to the atmosphere surrounding the laboratory.

The reaction of the fumes of cyanoacrylate to water causes the fumes turn into to non-hazardous plastic residue.

NEW!

- Control system displaying all parameters of the processing cycle.
- Automatic heating control is determined according to the amount of cyanoacrylate placed in the chamber.
- Automatic temperature control Humidity control ensures ± 3% humidity
- Water Filtration
- Eco-friendly, cost-saving LED lighting.
- **CE certified**

The filtration tank is equipped with a draining tap and a built-in washing/ refilling pipe. Removal of the filtration tank is not required for washing and refilling. The unit's recirculatory design enables the system to operate and setup with no ducting required. Its ductless construction also allows the unit to be easily moved and transported.



Models

Spec/Model	SG-060-WF	SG-075-WF	SG-090-WF	SG-150-WF	SG-180-WF
Airflow (m3/hr)	175	250	250	250	250
Dimensions WxDxH	600 x 600 x 760 mm 23.6 x 23.6 x 29.9”	800 x 750 x 1550 mm 31.5 x 29.5 x 61”	900 x 750 x 1550 mm 35.4 x 29.5 x 61”	1500 x 750 x 1550 mm 59 x 29.5 x 61”	1800 x 750 x 1550 mm 70.8 x 29.5 x 55”
Noise	<48 dBA	<48 dBA	<48 dBA	<48 dBA	<48 dBA
(Tested 20 cm from the work table, 1.2m above ground)					
Lighting	LED 18 W	LED 18 W	LED 18 W	LED 18 W	LED 18 W
Main Filter (Qty.)	Water Trap	Water Trap	Water Trap	Water Trap	Water Trap
Temp & Humidity Accuracy	± 3%	± 3%	± 3%	± 3%	± 3%
Temperature	± 2°C	± 2°C	± 2°C	± 2°C	± 2°C
Fan	High Pressure				--
Power Supply	115 / 230V 50/60 Hz, Single phase				
Switches	Main ON/OFF				
Monitoring	Electronic Display				
Construction	Polypropylene Structure, Safety Triplex Glass				
Production/Test Standard	CE				

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Forensic Evidence Drying Hood

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
- Double location HEPA filter – supply and exhaust.
- Internal RH and temperature display
- Top quality purge fan
- UV sterilization + safety interlock mechanism
- Bottom draining basin with tap
- Fast super dry system (SD)
- Electrical - 110/220V, 60/50hz

Models

Model	EV-090	EV-120	EV-180
External Dimension WxDxH	900 x 1240 x 850 mm 35.4 x 48.8 x 33.4"	1200 x 1240 x 850 mm 47.2 x 48.8 x 33.4"	1800 x 1240 x 850 mm 70.8 x 48.8 x 33.4"
Internal Dimension WxDxH	850 x 1000 x 600 mm 33.4 x 39.3 x 23.6"	1150 x 1000 x 600 mm 45.2 x 39.3 x 23.6"	1750 x 1000 x 600 mm 68.9 x 39.3 x 23.6"
Inner Capacity (L)	510	690	1050
Weight	90	105	135
Power Consumption	100w	100w	100w
Super Dry System	N/A	N/A	N/A
Power Supply	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase
Material	Polypropylene	Polypropylene	Polypropylene
Stainless Steel Shelves	2 pcs loading 100kg/shelf	2 pcs loading 100kg/shelf	

Model	EV-090-SD	EV-120-SD	EV-180-SD
External Dimension WxDxH	900 x 1240 x 850 mm 35.4 x 48.8 x 33.4"	1200 x 1240 x 850 mm 47.2 x 48.8 x 33.4"	1800*1240*850 mm 70.8 x 48.8 x 33.4"
Internal Dimension WxDxH	850 x 1000 x 600 mm 33.4 x 39.3 x 23.6"	1150 x 1000 x 600 mm 45.2 x 39.3 x 23.6"	1750 x 1000 x 600 mm 68.9 x 39.3 x 23.6"
Inner Capacity (L)	510	690	1050
Weight	98	113	143
Power Consumption	900w	900w	900w
Super Dry System	Yes	Yes	Yes
Power Supply	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase	115 / 230V 50/60 Hz, Single phase
Material	Polypropylene	Polypropylene	Polypropylene

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Downflow Unit

TopAir's Downflow Workstation is a standalone, 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, and still provides 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
- High efficiency EC fan
- 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

Models

Model	DF-60	DF-90	DF-120
External Dimensions WxDxH	60 x 70 x 120 cm 23.6 x 27.5 x 47.2"	90 x 70 x 120 cm 35 x 27.5 x 47.2"	120 x 70 x 120 cm 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
Light	24w LED	24w LED	24w LED
Worktop	304 SUS	304 SUS	304 SUS
Structure	Polypropylene	Polypropylene	Polypropylene
Filters	H14 HEPA/carbon	H14 HEPA/carbon	H14 HEPA/carbon
Fans	EC fan	EC fan	EC fan

TOPAIR CLEAN AIR SOLUTIONS
CATALOG

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