TOPAIR

TOPAIR SYSTEMS

DUCTLESS FUME HOODS







Ductless Fume Hood EN-14175 / ASHRAE 110

Ductless Fume Hood

TopAir's polypropylene Ductless Fume Hood provides a safe environment for lab staff working with a variety of chemicals.

Our Ductless Fume Hood offers an air velocity display and alarm with a full Variable Air Volume (VAV) automatic speed adjustment to meet 100±20 fpm (0.5±0.1 m/s).

This model is also equipped with a chemical VOC sensor and alarm to detect high levels of volatile compounds present in the filter for extra safety.

TopAir's Ductless Fume Hoods can be customized to meet size requirements as needed.

Structure:

- 8 mm welded polypropylene with high chemical resistance
- Built-in sealed polypropylene worktop or choice of epoxy, stainless steel, ceramic, or Trespa high pressure compact laminates (HPLs)
- 5 mm safety front glass window with sliding front sash with counterweight
- Side windows for better visibility

- 10.1" color touchscreen display
- VAV with air flow alarm and display
- VOC sensor and alarm
- Chamber alert light (red) for critical alarms
- High efficiency quiet ECM fan
- 800 lux LED lighting separated from the work area
- Adjustable air velocity 100±20 fpm (0.5 ± 0.1 m/s)
- Convenient front access for filter replacement
- Variety of HEPA filters, carbon filters, and pre-filters
- 10" (250 mm) exhaust point collar for connection to external exhaust
- Optional: metal stand or polypropylene base cabinet
- **Certifications: EN-14175 / ASHRAE 110-1995, CE**





Ductless Fume Hood EN-14175 / ASHRAE 110

Spec/ Model	CF-060-PP	CF-090-PP	CF-120-PP	CF-150-PP	CF-180-PP
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 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	Comply	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	8mm welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<52dB	<52dB	<54dB	<60dB	<62dB
(Tested 20 cm (8”) from the worktable, 1.2m (48”) above ground)					
Power Supply	110/220 V, 50/60 Hz, Single phase				
Illumination	800 lux, eco-friendly LED lighting				
Available Filter	Pre-filter & carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) / HEPA				
Metal Stand with Casters	CF-060-ST	CF-090-ST	CF-120-ST	CF-150-ST	CF-180-ST
Polypropylene Base Cabinet Model	CF-060-BS	CF-090-BS	CF-120-BS	CF-150-BS	CF-180-BS

Optional Accessories	Model
Water tap	CF-WTAP
Cup sink	CF-PP-SINK
Sink size 30*40	CF-SINK-3040
Water Tap - Swan Type	CF-WT-S
Power outlet installed	CF-SOCKET
UV light	CF-UV

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

Ductless Fume Hood
Educational PRO EN / 14175

Educational Ductless Fume Hood

TopAir's Educational Ductless Fume Hood combines the features of our standard polypropylene ductless model with a transparent, 360° viewing design for classrooms and academic teaching laboratories. Clear panels on all sides allow students and instructors to observe demonstrations and the experimental setup from every angle.

The unit features an air velocity display and alarm, with full Variable Air Volume (VAV) automatic speed adjustment to maintain 100±20 fpm (0.5±0.1 m/s). An integrated chemical VOC sensor and alarm detect elevated levels of volatile compounds in the filter, providing an additional layer of safety.

Mounted on castors, the hood can be moved between teaching areas. Utility taps are operated from the front of the lower cabinet for convenient access. An optional self-contained water system enables operation without fixed water supply and drainage connections. Alternatively, an optional quick-connect utility box allows connection to wall-mounted electricity, water, and gas supplies.

- 10.1" color touchscreen display
- VAV with air flow alarm and display
- VOC sensor and alarm
- Chamber alert light (red) for critical alarms
- High efficiency quiet ECM fan
- 800 lux LED lighting separated from the work area
- Adjustable air velocity 100±20 fpm (0.5 ± 0.1 m/s)
- Convenient front access for filter replacement
- Variety of HEPA filters, carbon filters, and pre-filters
- 10" (250 mm) exhaust point collar for connection to external exhaust
- Metal stand or polypropylene base cabinet
- **Certifications: EN-14175 / ASHRAE 110-1995, CE**

Structure & Visibility

- 8 mm welded polypropylene structure with high chemical resistance
- Transparent panels on all sides for 360° visibility
- 5 mm safety-glass front sash with a counterweight-assisted sliding mechanism
- Built-in sealed polypropylene worktop, with optional epoxy, stainless steel, ceramic, or Trespa high-pressure laminate (HPL) surfaces
- Mobile unit mounted on castors
- Custom sizes available to meet specific requirements

Optional utilities and Systems

- Utility tap controls positioned at the front of the lower cabinet
- Optional self-contained water system, including a pump, water supply tank, and wastewater collection tank connected to the sink
- Optional quick-connect utility box for electricity, water, and gas connections to a wall-mounted supply point
- Optional Epoxy/Ceramic/SS 304 Worktops



Ductless Fume Hood
Educational PRO EN / 14175

Spec/ Model	CF-060-PP-EDU	CF-090-PP-EDU	CF-120-PP-EDU	CF-150-PP-EDU	CF-180-PP-EDU
Outer Dimensions W x D x H	600 x 750 x 2023 mm 23.62 x 29.5 x 79.65”	900 x 750 x 2023 mm 35.4 x 29.5 x 79.65”	1200 x 750 x 2023 mm 47.24 x 29.5 x 79.65”	1500 x 750 x 2023 mm 59 x 29.5 x 79.65”	1800 x 750 x 2023 mm 70.8 x 29.5 x 79.65”
Dimensions for XL model W x D x H For XL models add –XL to P/N	600 x 750 x 2323 mm 23.62 x 29.5 x 91.46"	900 x 750 x 2323 mm 35.4 x 29.5 x 91.46"	1200 x 750 x 2323 mm 47.24 x 29.5 x 91.46"	1500 x 750 x 2323 mm 59 x 29.5 x 91.46"	1800 x 750 x 2323 mm 70.8 x 29.5 x 91.46"
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	Comply	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995	EN-14175 / CE / ASHRAE 110-1995
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	8mm welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<52dB	<52dB	<54dB	<60dB	<62dB
(Tested 20 cm (8”) from the worktable, 1.2m (48”) above ground)					
Power Supply	110/220 V, 50/60 Hz, Single phase				
Illumination	800 lux, eco-friendly LED lighting				
Available Filter	Pre-filter & carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) / HEPA				
Polypropylene Integrated Base Cabinet with Casters Model	✔	✔	✔	✔	✔

Optional Accessories	Model
Water tap	CF-WTAP
Cup sink	CF-PP-SINK
Sink size 30*40	CF-SINK-3040
Water Tap - Swan Type	CF-WT-S
Power outlet installed	CF-SOCKET
UV light	CF-UV

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

Valueline Ductless Fume Hood

Valueline Ductless Fume Hood

TopAir's Valueline Ductless Fume Hood provides a safe environment for lab staff working with a variety of chemicals.

This cost-effective benchtop ductless fume hood with an innovative, intelligent control system includes a 7" color touchscreen with airflow monitoring, alarm, integral polypropylene worktop, a sliding front sash with counterweight, an environmentally friendly EC fan, and LED light.

A variety of filters can be supplied for maximum protection from most common chemical fumes.

TopAir's Value-line Ductless Fume Hoods can be customized meet size requirements as needed.

Structure:

- 8 mm welded Polypropylene with high chemical resistance
- Built-in sealed polypropylene worktop
- 5 mm safety front glass window with sliding front sash with counterweight
- Side windows for better visibility

- 7" color touchscreen display
- Airflow display and alarm
- 10 speed fan control
- Chamber alert light (red) for critical alarms
- Built-in sealed polypropylene worktop
- Tempered glass side windows and sliding front sash with counterweight
- 800 lux LED lighting
- Air velocity 100±20 fpm (0.5±0.1 m/s)
- Back access for filter replacement
- Variety of HEPA and carbon filters
- EC fan with 10 levels of speed adjustment
- 10" (250 mm) exhaust collar for connecting to external exhaust
- Optional: metal stand or polypropylene base cabinet
- **Certification: CE**





Valueline Ductless Fume Hood

Spec / Model	VL-CF-090-PP	VL-CF-120-PP	VL-CF-150-PP	VL-CF-180-PP
Outer Dimensions (W x D x H)	900 x 630 x 1050 mm 35.4 x 24.8 x 41.3"	1200 x 630 x 1050 mm 47.2 x 24.8 x 41.3"	1500 x 630 x 1050 mm 47.2 x 24.8 x 41.3"	1800 x 630 x 1050 mm 70.86 x 24.8 x 41.3"
Workspace (W x D x H)	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 "	1480 x 450 x 550 mm 46.4 x 17.7 x 21.6 "	1780 x 450 x 550 mm 70 x 17.7 x 21.6 "
Max Sash Working height	500 mm / 19.7"			
Microprocessor control	7" touch screen with airflow alarm, 10-speed fan control, filter replacement alarm, service alarm, lights control			
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 (Tested 20cm/8" from the worktable, 1.2m/48" above ground)	<55dB	<57dB	<60dB	<60dB
Power Supply	110/220 V, 50/60 Hz, single phase			
Illumination	800 lux, eco-friendly LED lighting			
Metal Stand with Casters	VL-CF-090-ST	VL-CF-120-ST	VL-CF-150-ST	VL-CF-180-ST

Optional Accessories	Model
Water tap	CF-WTAP
Gas tap	CF-GTAP
Clear back for educational purposes	CF-CB
Carbon Filters for Solvents	CF-xxx-CR
Acid Carbon Filter	CF-xxx-AC
Basis Carbon Filter	CF-xxx-BS
Formaldehyde Carbon Filter	CF-xxx-FMD
Multi-Gas Carbon Filter	CF-xxx-MG
HEPA	CF-xxx-HP
ULPA	CF-xxx-UL

Ductless Fume Hood
Educational Value Line

Educational Ductless Fume Hood

TopAir's Educational Ductless Fume Hood combines the features of our standard polypropylene ductless model with a transparent, 360° viewing design for classrooms and academic teaching laboratories. Clear panels on all sides allow students and instructors to observe demonstrations and the experimental setup from every angle.

The unit features an air velocity display and alarm, with adjustable air volume to maintain 100±20 fpm (0.5±0.1 m/s). On screen filter gage status indicator providing an additional layer of safety.

Mounted on castors, the hood can be moved between teaching areas. Utility taps are operated from the front of the lower cabinet for convenient access. An optional self-contained water system enables operation without fixed water supply and drainage connections. Alternatively, an optional quick-connect utility box allows connection to wall-mounted electricity, water, and gas supplies.

- 7" color touchscreen display
- Ten speed fan control with air flow alarm and display
- Chamber alert light (red) for critical alarms
- High efficiency quiet ECM fan
- 800 lux LED lighting separated from the work area
- Adjustable air velocity 100±20 fpm (0.5 ± 0.1 m/s)
- Easy access for filter replacement
- Variety of HEPA filters, carbon filters, and pre-filters
- 10" (250 mm) exhaust point collar for connection to external exhaust
- Metal stand or polypropylene base cabinet
- **Certifications: ANFOR NFX comply / CE certified**

Structure & Visibility

- 8 mm welded polypropylene structure with high chemical resistance
- Transparent panels on all sides for 360° visibility
- 5 mm safety-glass front sash with a counterweight-assisted sliding mechanism
- Built-in sealed polypropylene worktop, with optional epoxy, stainless steel, ceramic, or Trespa high-pressure laminate (HPL) surfaces
- Mobile unit mounted on castors
- Custom sizes available to meet specific requirements

Optional utilities and Systems

- Utility tap controls positioned at the front of the lower cabinet
- Optional self-contained water system, including a pump, water supply tank, and wastewater collection tank connected to the sink
- Optional quick-connect utility box for electricity, water, and gas connections to a wall-mounted supply point
- Optional Epoxy/Ceramic/SS 304 Worktops



Ductless Fume Hood
Educational Value Line

Spec/ Model	VL-060-PP-EDU	VL-090-PP-EDU	VL-120-PP-EDU	VL-150-PP-EDU	VL-180-PP-EDU
Outer Dimensions W x D x H	600 x 630 x 1850 mm 23.62 x 23 x 73”	900 x 630 x 1850 mm 35.4 x 23 x 73”	1200 x 630 x 1850 mm 47.24 x 23 x 73”	1500 x 630 x 1850 mm 59 x 23 x 73”	1800 x 630 x 1850 mm 70.8 x 23 x 73”
Dimensions for XL model W x D x H For XL models add –XL to P/N	600 x 750 x 2100 mm 23.62 x 29.5 x 83"	900 x 750 x 2100 mm 35.4 x 29.5 x 83"	1200 x 750 x 2100 mm 47.24 x 29.5 x 83"	1500 x 750 x 2100 mm 59 x 29.5 x 83"	1800 x 750 x 2100 mm 70.8 x 29.5 x 83"
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 23 x 17.7 x 21.6"	580 x 450 x 550 mm 34.8 x 17.7 x 21.6"	580 x 450 x 550 mm 46.6 x 17.7 x 21.6"	580 x 450 x 550 mm 58.4 x 17.7 x 21.6"	580 x 450 x 550 mm 70.2 x 17.7 x 21.6"
Front Sash Max. Opening	500 mm / 19.5"				
Standard	ANFOR NFX/CE certified	ANFOR NFX/CE certified	ANFOR NFX/CE certified	ANFOR NFX/CE certified	ANFOR NFX/CE certified
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	8mm welded white polypropylene structure with built-in sealed polypropylene worktop				
Noise	<52dB	<52dB	<54dB	<60dB	<62dB
(Tested 20 cm (8”) from the worktable, 1.2m (48”) above ground)					
Power Supply	110/220 V, 50/60 Hz, Single phase				
Illumination	800 lux, eco-friendly LED lighting				
Available Filter	Pre-filter & carbon filters for solvents, acids, bases, formaldehyde, multi gas (blend of materials) / HEPA				
Polypropylene Integrated Base Cabinet with Casters Model	✔	✔	✔	✔	✔

Optional Accessories	Model
Water tap	CF-WTAP
Cup sink	CF-PP-SINK
Sink size 30*40	CF-SINK-3040
Water Tap - Swan Type	CF-WT-S
Power outlet installed	CF-SOCKET
UV light	CF-UV

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 Ductless Fume Hood

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

This is the most cost-effective model of TopAir's ductless fume hoods product line, with an analog on/off control system, speed adjustable EC fan, and LED light.

Suitable for simple applications, educational uses, and small labs, it is a lightweight benchtop cabinet (metal stand is optional) with a small footprint.

Structure:

- 8 mm welded Polypropylene structure with high chemical resistance
- Built-in sealed polypropylene
- Tempered glass partial sliding front sash with a max working height of 8" (200 mm)

Manual Analog on/off system with fan speed adjuster

- 600 lux LED lighting
- Adjustable air velocity: 100±20 fpm (0.5±0.1 m/s)
- Variety of HEPA and carbon filters
- ECM fan
- CE certified, complies with AFNOR NF X 15-211: 2009 standard



Ecoline Ductless Fume Hood

Spec / Model	ECO-CF-075	ECO-CF-090	ECO-CF-120	Eco-CF-150
Outer Dimensions (W x D x H)	750 x 520 x 840 mm 29.5 x 20.4 x 33"	900 x 520 x 840 mm 35.4 x 20.4 x 33"	1200 x 520 x 840 mm 47.2 x 20.4 x 33"	1500 x 520 x 840 mm 59 x 20.4 x 33"
Workspace (W x D x H)	735 x 400 x 450 mm 28.9 x 15.7 x 17.7"	885 x 400 x 450 mm 34.8 x 15.7 x 17.7"	1185 x 400 x 450 mm 46.6 x 15.7 x 17.7"	1485 x 400 x 450 mm 58.4 x 15.7 x 17.7"
Equipment Entry Opening	450 mm / 17.7"	450 mm / 17.7"	450 mm / 17.7"	450 mm / 17.7"
Fixed Sash Opening	200 mm	200 mm	200 mm	200 mm
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	0.5±0.1 m/s, 100±20 fpm
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop	Welded white polypropylene structure with built-in sealed polypropylene worktop	Welded white polypropylene structure with built-in sealed polypropylene worktop	Welded white polypropylene structure with built-in sealed polypropylene worktop
Noise Level (Tested 20 cm from the worktable, 1.2m above ground)	<60dB	<60dB	<60dB	<60dB
Power Supply	110/220 V, 50/60 Hz, Single phase	110/220 V, 50/60 Hz, Single phase	110/220 V, 50/60 Hz, Single phase	110/220 V, 50/60 Hz, Single phase
Illumination	600 lux, eco-friendly LED lighting	600 lux, eco-friendly LED lighting	600 lux, eco-friendly LED lighting	600 lux, eco-friendly LED lighting

Optional Accessories				
Filter	Carbon filters for solvents / HEPA	Carbon filters for solvents / HEPA	Carbon filters for solvents / HEPA	Carbon filters for solvents / HEPA
Metal Stand with Casters	CF-075-ST	CF-090-ST	CF-120-ST	CF-150-ST

Ductless Fume Hood Versions

Weighing Station Kit

Part Number : CF-W



TopAir's Ductless Fume Hoods offer dual functionality by providing both fume containment and precise weighing capabilities.

The stable cabinets are designed for accurate measurements of powders and chemicals by delivering a weight precision up to four decimal places.

For enhanced weighing performance, an optional "weighing station kit" is available. This kit includes:

- HEPA filter
- Vacuum system for efficient residue collection

The HEPA filter removes powders and particles with an efficiency of 99.9995 @ 0.3µm and provides reassurance to the to the lab staff. The vacuum system is an excellent instrument to collect residues of powders from the working surface and channel them to the HEPA filter.

Structure:

- Unit is based on the standard ductless unit (see pages 2-3)

Clear Back for Ductless Fume Hood (Educational)

Part number: CF-CB



TopAir's Educational Ductless Fume Hood with 360° glass provides an effective tool for educational purposes and a safe environment for lab staff working with acids and harsh chemicals.

Structure:

- The unit is based on the standard ductless unit (see pages 2-3)
- The unit includes a clear back panel made out of polycarbonate.

Ductless Fume Hood Versions

XL Double Filter for Ductluss Fume Hood

Part number: CF-XL

The Ductless Fume Hood XL unit builds upon the original unit (pages 2-3) by offering increased versatility with space for two filters. This allows you to customize filtration based on your specific needs. Filters are sold separately.

The XL model is compatible with a wide range of filters, including HEPA, ULPA, carbon filters for solvents, acids, bases, and formaldehydes, as well as multi-gas filters.

Our team is happy to assist you with selecting the most appropriate filters to ensure optimal protection for your application

Model	Height
CF-XL	1,450 mm (instead of 1,223 of the original unit) 57.1" (instead of 48")



Ductless Floor-Mounted Fume Hood

TopAir's polypropylene Ductless Floor-Mounted Fume Hood provides a large front opening designed to contain large, heavy, or tall equipment. The hood provides a safe environment for lab staff working with a variety of chemicals.

The hood offers a full variable air volume (VAV) system with automatic air velocity adjustment and airflow alarm to detect high levels of chemical concentration in the filters for extra safety.

Structure:

- 8 mm welded polypropylene with high chemical resistance
- 5 mm safety glass vertical front sash or horizonal front doors (based on unit size)
- 10.1" color touchscreen display

TopAir's polypropylene Ductless Floor-Mounted Fume Hood can be customized to meet size requirements as needed.

- Variable Air Volume (VAV) with automatic speed adjustment up to 100±20 fpm (0.5±0.1 m/s)
- Air velocity display an alarm
- Chamber alert light (red) for critical alarms
- High efficiency quiet EC fan
- 800 lux LED lighting separated from the work area
- VOC sensor and alarm
- Variety of HEPA and carbon filters
- Exhaust point for connecting a second filter or an external exhaust.
- Optional vertical or horizontal sliding sash system
- **CE certified**

Floor-Mounted with Horizontal Doors



Ductless Floor-Mounted Fume Hood

Spec/ Model	CF-120-WI-PP	CF-150-WI-PP	CF-180-WI-PP	CF-200-WI-PP	CF-250-WI-PP
Outer Dimensions for standard model W x D x H	1200 x 830 x 2420 mm 47.3 x 32.6 x 95.3”	1500 x 830 x 2420 mm 59.0 x 32.6 x 95.3”	1800 x 830 x 2420 mm 70.8 x 32.6 x 95.3”	2000 x 830 x 2420 mm 78.7 x 32.6 x 95.3”	2500 x 830 x 2420 mm 98.4 x 32.6 x 95.3”
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Workspace (W x D x H)	1000 x 530 x 1800 mm 39.4 x 20 x 70.9”	1300 x 530 x 1800 mm 21 x 20 x 70.9”	1600 x 530 x 1800 mm 63 x 20 x 70.9”	1800 x 530 x 1800 mm 700.8 x 20 x 70.9”	2300 x 530 x 1800 mm 90.5 x 20 x 70.9”
Front Sash Max. Opening	1600 mm / 63"				
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	(Tested 20 cm from sash line and 1.2m above ground) Welded white polypropylene structure with built-in sealed polypropylene worktop				
Power Supply	110/220 V, 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				

Optional Versions	Model
XL model with 2 internal filters	CF-XL
Clear back for educational purposes	CF-CB

Floor-Mounted with vertical sash



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 Hybrid Laminar Airflow Ductless Fume Hood

TopAir's Laminar Airflow Ductless Fume Hoods combine the functionality of ductless fume hoods and laminar clean benches.

The product is equipped with dual filtration system:

1. Supply system with a pre-filter, HEPA filter and a fan that creates laminar down-flow towards the working area.
2. Exhaust system with carbon filter and fan that collects the down-flow and creates protective inflow on the front sash opening. Both inflow and down flow pass through the carbon filter before the air is exhausted back into the lab.

Structure :

- 8 mm welded polypropylene with high chemical resistance
- Double back wall with baffle
- Built-in sealed polypropylene or optional stainless steel worktop
- Tempered glass, full-opening sliding front sash with counterweight
- Extraction collar for external exhaust

- 10.1" color touchscreen display
- VAV with air flow alarm and display
- Automatic laminar air velocity, manual adjustment for inflow includes a safety shutdown system for the down-flow when inflow system fails
- VOC sensor and alarm
- Chamber alert light (red)
- Cleanliness level: Class 100/ISO 5
- 800 lux LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- **CE certified**





Polypropylene Hybrid Laminar Airflow Ductless Fume Hood

Spec/ Model	CF-120-HCV	CF-150-HCV	CF-180-HCV	CF-200-HCV	CF-250-HCV
Outer Dimensions for standard model W x D x H	1200 x 950 x 2420 mm 47.3 x 37.4 x 95.2”	1500 x 950 x 2420 mm 59.0 x 37.4 x 95.2”	1800 x 950 x 2420 mm 70.9 x 37.4 x 95.2”	2000 x 950 x 2420 mm 78.7 x 37.4 x 95.2”	2500 x 950 x 2420 mm 98.4 x 37.4 x 95.2”
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
Workspace (W x D x H)	1000 x 600 x 700 mm 39.4 x 23.6 x 27.5”	1300 x 600 x 700 mm 51.2 x 23.6 x 27.5”	1600 x 600 x 700 mm 63 x 23.6 x 27.5”	1800 x 600 x 700 mm 70.8 x 23.6 x 27.5”	2300 x 600 x 700 mm 90.5 x 23.6x 27.5”
Front Sash Max. Opening Sash Working Height	600 mm / 23.6" 300 mm / 12"				
inflow	0.5±0.1 m/s, 100±20 fpm				
Done flow	0.33±0.1 m/s, 66±10 fpm				
Hood Material	8mm welded white polypropylene structure with built-in sealed polypropylene worktop				
Cleanliness Level	Class 100/IOS 5				
Work Table	Polypropylene / Stainless steel				
Control System	VAV System with 10.1” color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ polypropylene sink				
Power Supply	110 / 220V, 50/60 Hz, single phase				

Optional accessories:	Models
Sinks	CF-PP-SINK
Water tap	CF-WTAP
Gas tap	CF-GTAP
Vacuum tap	FH-GTAP
Electric sockets	FH-SOCKET

Downflow Unit

TopAir's Downflow Workstation is a standalone ductless unit that protects lab staff from harmful particulate matter or fumes.

The Downflow Workstation features an open structure which enables easy access for lab personnel.

Particles matter flows downward through the polypropylene work surface and contaminants are removed using a HEPA filter.

Structure:

- 8 mm welded polypropylene with high chemical resistance
- Perforated retractable polypropylene worktop (stainless steel optional)

- Manual analog on/off system with fan speed adjustment
- Polypropylene worktop combined with a drawer for easy cleaning
- H14 HEPA filter
- High efficiency EC fan
- 800 lux LED lighting
- Optional: 395 nm UV light (black light)
- **CE certified**



Downflow Unit

Spec/ Model	DF-60	DF-90	DF-120	DF-150	DF-180
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"	1500 x 700 x 1200 mm 59"x27.5"x47.2"	1800 x 700 x 1200 mm 71"x27.5"x47.2"
WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Internal Height	70 cm / 27.5"	70 cm / 27.5"	70 cm / 27.5"	70 cm / 27.5"	70 cm / 27.5"
Power Supply	115/230 V 50/60 Hz, Single phase	115/230 V 50/60 Hz, Single phase	115/230 V 50/60 Hz, Single phase	115/230 V 50/60 Hz, Single phase	115/230 V 50/60 Hz, Single phase
Light	LED 800 lux	LED 800 lux	LED 800 lux	LED 800 lux	LED 800 lux
Worktop	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Structure	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Filter	H14 HEPA	H14 HEPA	H14 HEPA	H14 HEPA	H14 HEPA
Fan	EC fan	EC fan	EC fan	EC fan	EC fan



TOPAIR

TOPAIR SYSTEMS

www.topairsystems.com

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

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

Email: sales@topairsystems.com