



TOPAIR
CLEAN AIR SOLUTIONS

Fume Cupboards Available in Canada

from



BETATEK INC.
Instrumentation Superbly Supported
L'instrumentation à son meilleur

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Super Ecoline Ductless Fume Hood



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

This is the most cost-effective model for TopAir's ductless fume hoods, with an innovative and integral polypropylene worktop, a 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 ductless fume hood
- Polypropylene structure with high chemical resistance
- Built-in sealed polypropylene worktop
- Analog control
- Polycarbonate front sash
- Eco-friendly, cost-effective 600 LUX LED lighting
- Air velocity - 0.5 ± 0.1 m/s, 100 ± 20 FPM
- Variety of HEPA & carbon filters
- EC fan with manual speed adjustment
- Optional 360 degree transparency with glass walls for educational purposes



Models

Spec/Model	ECO-CF-075-ANA	ECO-CF-090-ANA	ECO-CF-120-ANA
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"
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"
Equipment Entry Opening	450 mm / 17.7"	450 mm / 17.7"	450 mm / 17.7"
Fixed Sash Opening	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
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
Noise Level (Tested 20 cm from the work table, 1.2m above ground)	<60dB	<60dB	<60dB
Power Supply	110 / 220V, 50/60 Hz, Single phase	110 / 220V, 50/60 Hz, Single phase	110 / 220V, 50/60 Hz, Single phase
Illumination	600 LUX, Eco-friendly LED lighting	600 LUX, Eco-friendly LED lighting	600 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-ANA	ECO-CF-090-ANA	ECO-CF-120-ANA
Stand WxDxH	750 x 520 x 800 29.5 x 20.4 x 31.5"	900 x 520 x 800 mm 35 x 20.4 x 31.5"	1200 x 520 x 800 mm 47.2" x 20.4 x 31.5"

Metal Fume Hood



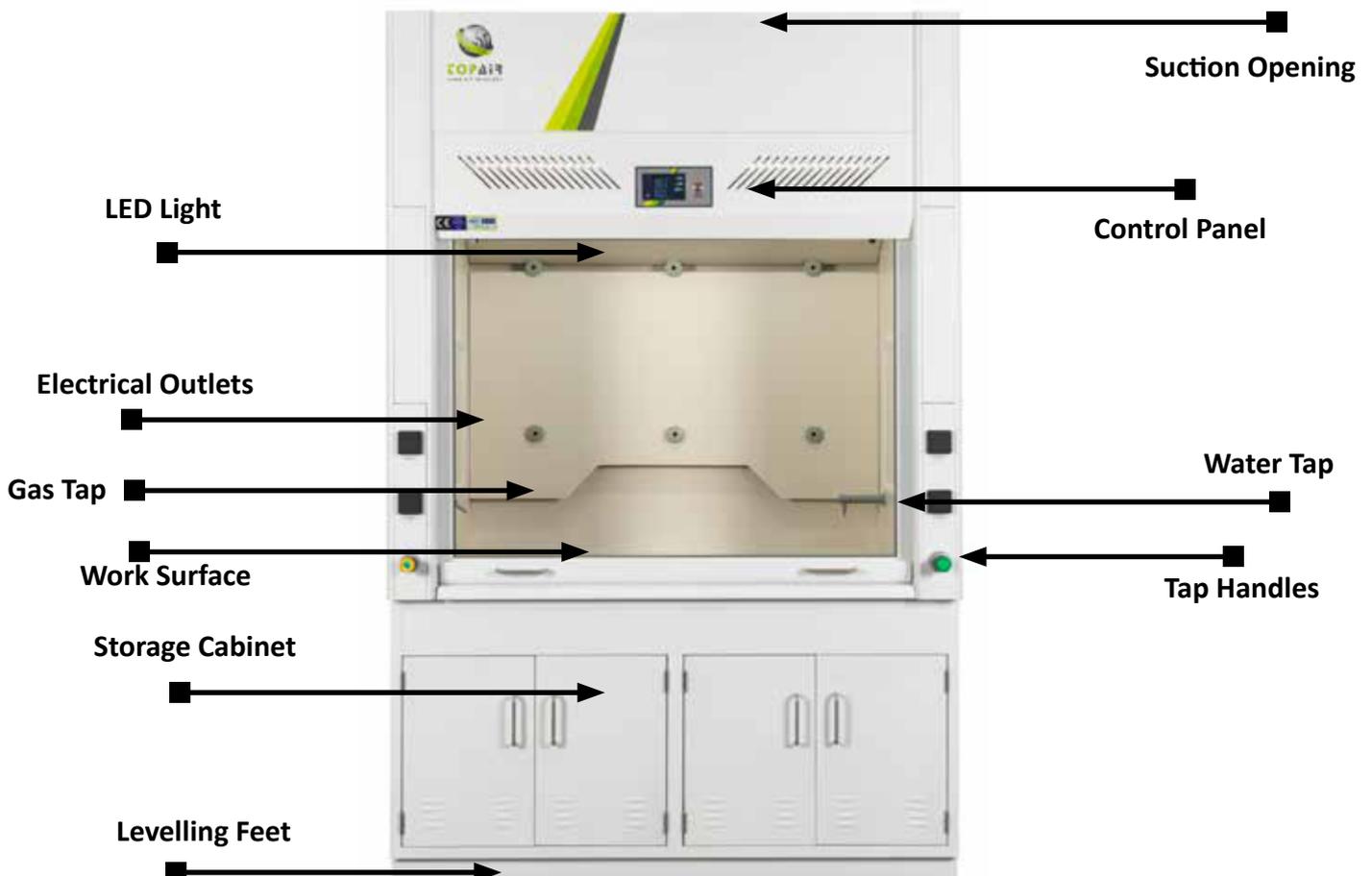
Topair's Metal Fume Hoods protect laboratory staff from noxious fumes when working with acids, dangerous gas, organic solvents, etc. Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment.

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	1200 x 800 x 2350 mm	1500 x 800 x 2350 mm	1800 x 800 x 2350 mm	2000 x 800 x 2350 mm	2500 x 800 x 2350 mm
W x D x H	47.2 x 31.5 x 92.5"	59 x 31.5 x 92.5"	70.9 x 31.5 x 92.5"	78.7 x 31.5 x 92.5"	98.4 x 31.5 x 92.5"
Workspace	950 x 630 x 1145 mm	1250 x 630 x 1145 mm	1550 x 630 x 1145 mm	1750 x 630 x 1145 mm	2250 x 630 x 1145 mm
(W x D x H)	37.4 x 24.8 x 45"	49.2 x 24.8 x 45"	61 x 24.8 x 45"	68.9 x 26.7 x 45"	88.5 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



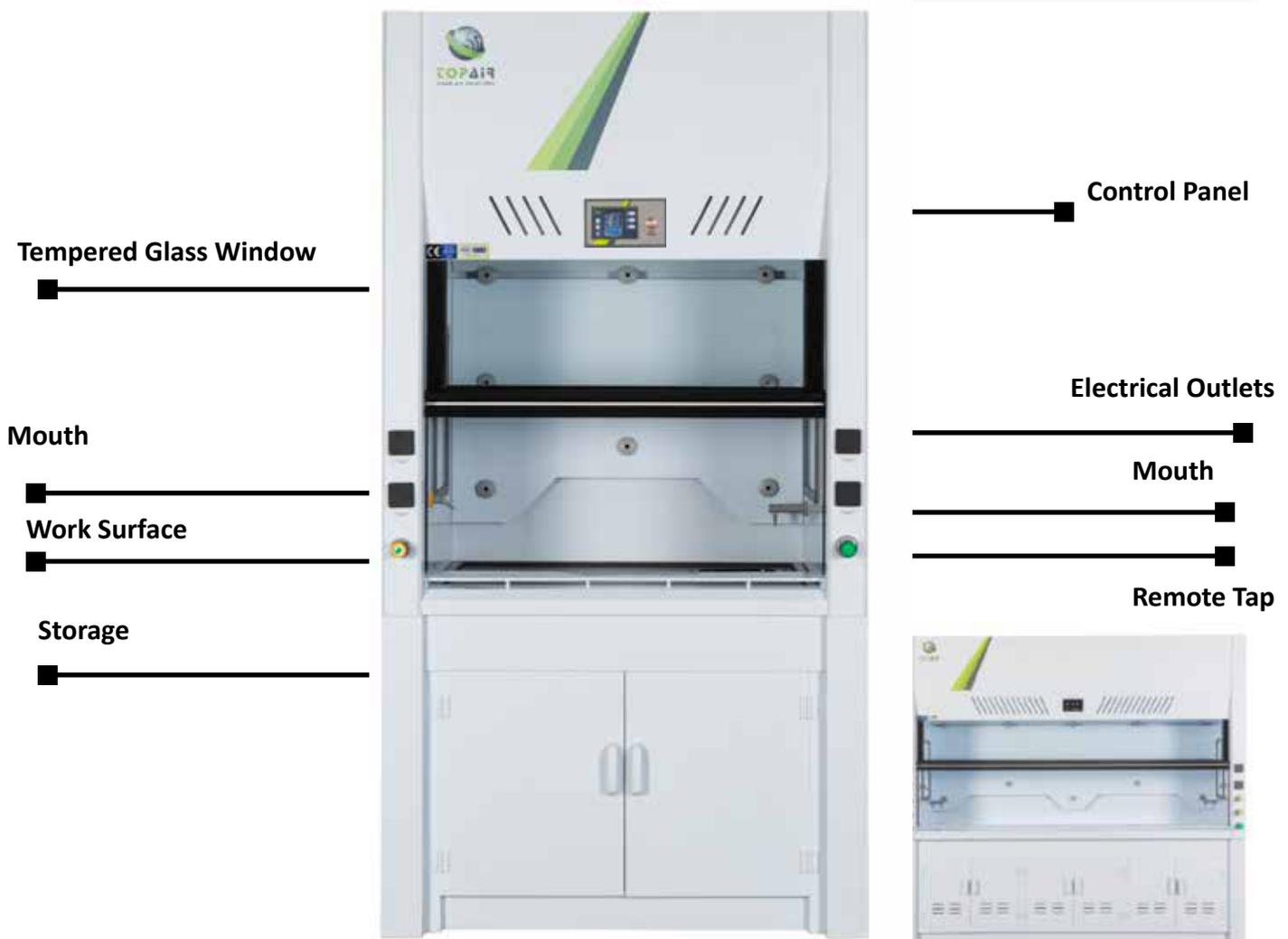
Topair's Polypropylene Fume Hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

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	1200 x 830 x 2320 mm	1500 x 830 x 2320 mm	1800 x 830 x 2320 mm	2000 x 830 x 2320 mm	2500 x 830 x 2320 mm
W x D x H	47.3x 32.6 x 91.3"	59.0 x 32.6 x 91.3"	70.8 x 32.6 x 91.3"	78.7 x 32.6 x 91.3"	98.4 x 32.6 x 91.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
Workspace	1000 x 630 x 1170 mm	1300 x 630 x 1170 mm	1600 x 630 x 1170 mm	1800 x 630 x 1170 mm	2300 x 630 x 1170 mm
(W x D x H)	39.4 x 24.8 x 46"	51.2 x 24.8 x 46"	63 x 24.8 x 46"	70.8 x 24.8 x 46"	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 | Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

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.

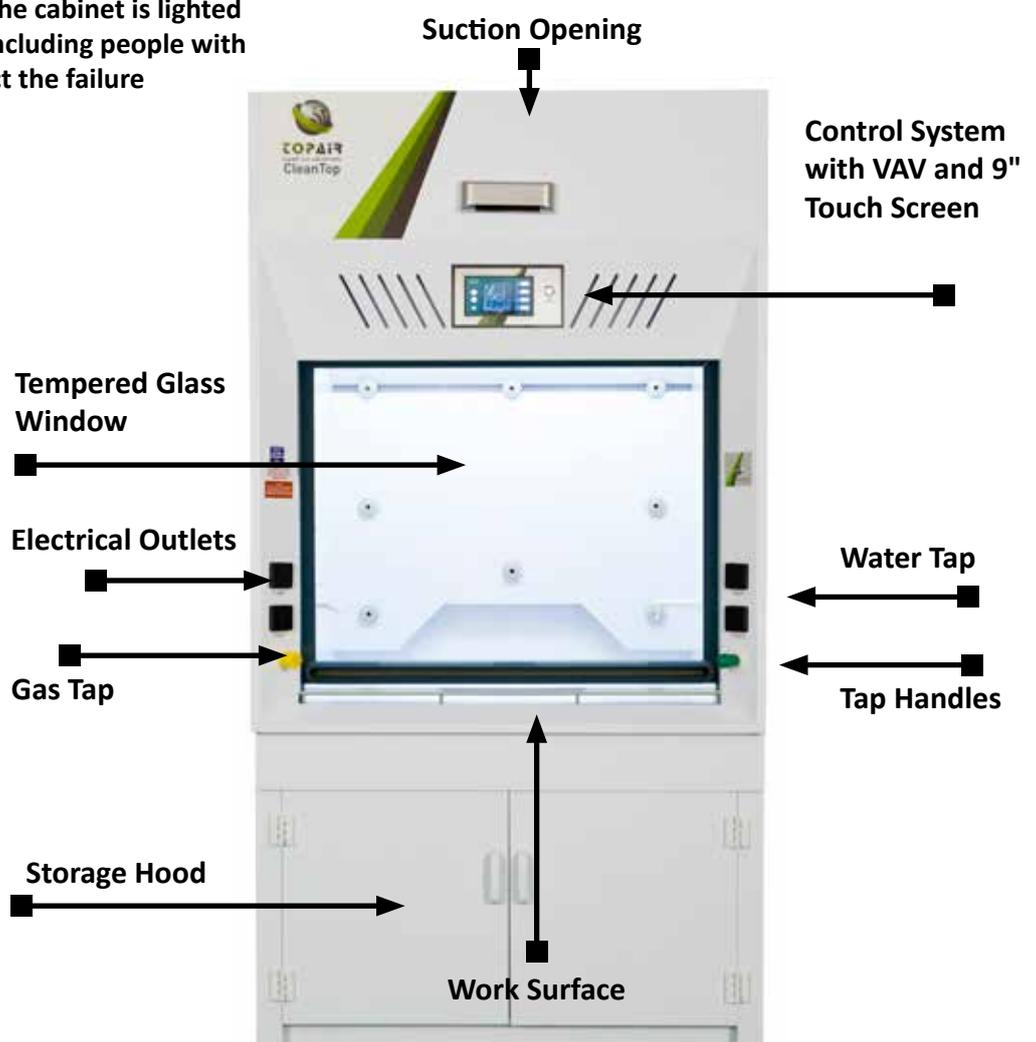
Upon a failure, the interior of the cabinet is lighted up in bright red, so that staff, including people with hearing issues, can easily detect the failure from a distance.

VAV System

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.

- 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



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	1200 x 830 x 2320 mm	1500 x 830 x 2320 mm	1800 x 830 x 2320 mm	2000 x 830 x 2320 mm	2500 x 830 x 2320 mm
W x D x H	47.3x 32.6 x 91.3"	59.0 x 32.6 x 91.3"	70.9 x 32.6 x 91.3"	78.7 x 32.6 x 91.3"	98.4 x 32.6 x 91.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE					
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	1200 x 930 x 2320 mm	1500 x 930 x 2320 mm	1800 x 930 x 2320 mm	2000 x 930 x 2320 mm	2500 x 930 x 2320 mm
W x D x H	47.3x 36.6 x 91.3"	59.0 x 36.6 x 91.3"	70.8 x 36.6 x 91.3"	78.7 x 36.6 x 91.3"	98.4 x 36.6 x 91.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE					
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

Polypropylene Fume Hood - Wet Scrubber

NEW!

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.

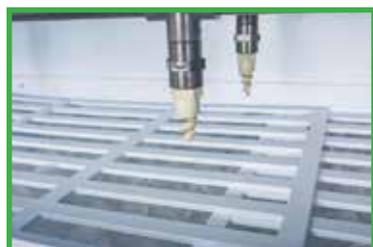
The Polypropylene fume hoods are made of high-quality non-corrosive polypropylene with excellent chemical resistance.

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**.

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	1200 x 980 x 2370 mm	1500 x 980 x 2370 mm	1800 x 980 x 2370 mm	2000 x 980 x 2370 mm	2500 x 980 x 2370 mm
W x D x H	47.3x 38.6 x 93.3"	59 x 38.6 x 93.3"	70.9 x 38.6 x 93.3"	78.7 x 38.6 x 93.3"	98.4 x 38.6 x 93.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE					
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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www.topairsystems.com | Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA

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, while collecting residue of mineral accumulation.

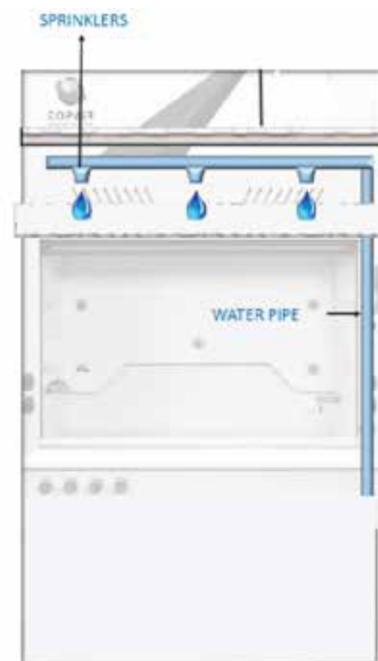
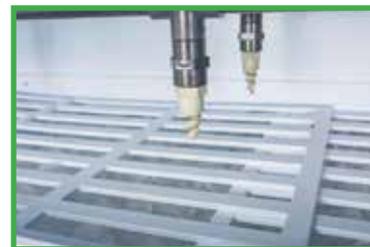
The hood is designed for work with perchloric acid; rinses after each session are recommended.

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	1200 x 980 x 2370 mm	1500 x 980 x 2370 mm	1800 x 980 x 2370 mm	2000 x 980 x 2370 mm	2500 x 980 x 2370 mm
W x D x H	47.3x 38.6 x 93.3"	59 x 38.6 x 93.3"	70.9 x 38.6 x 93.3"	78.7 x 38.6 x 93.3"	98.4 x 38.6 x 93.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
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



NEW!

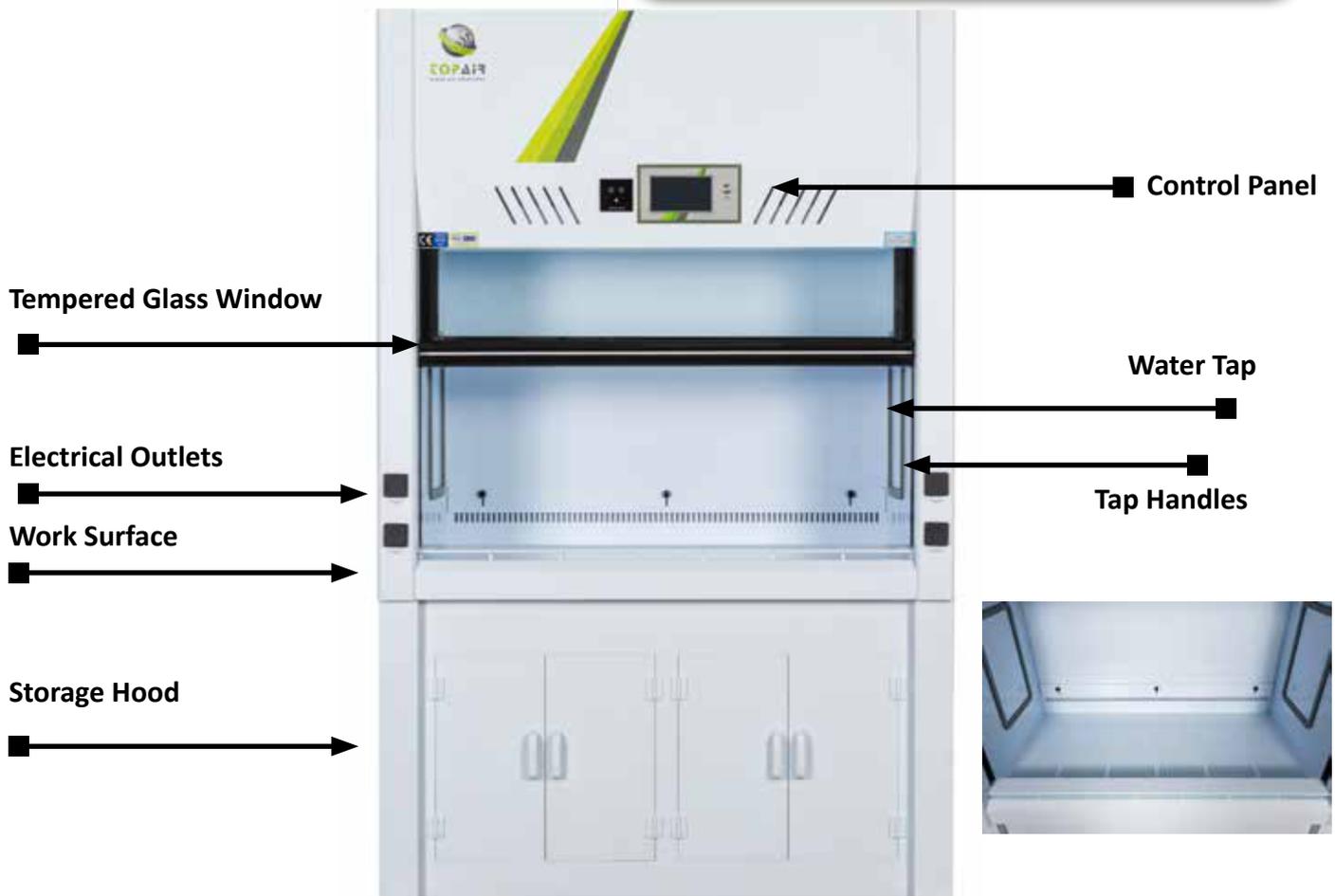
TopAir's Laminar Airflow Fume Hoods offer clean bench functionality. They are made of high-quality non-corrosive polypropylene with excellent chemical resistance. Polypropylene increases the product's tensile strength and improves its thermal characteristics.

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**

- 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	1200 x 850x 2320 mm	1500 x 850 x 2320 mm	1800 x 850 x 2320 mm	2000 x 850 x 2320 mm	2500 x 850 x 2320 mm
W x D x H	47.3 x 33.4 x 91.3"	59.0 x 33.4 x 91.3"	70.9 x 33.4 x 91.3"	78.7 x 33.4 x 91.3"	98.4 x 33.4 x 91.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
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.				
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

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**



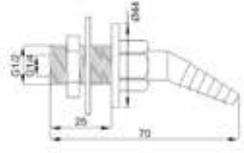
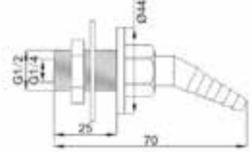
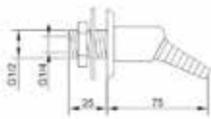
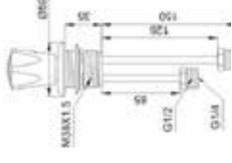
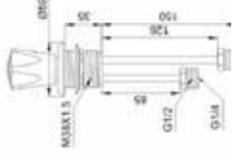
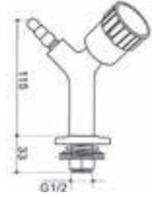
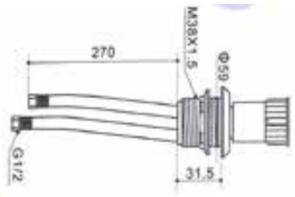
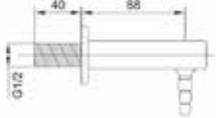
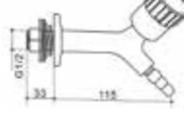
Models

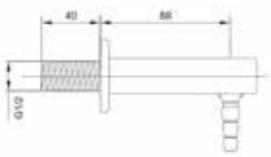
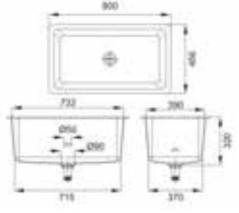
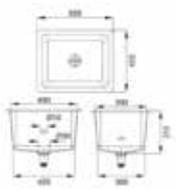
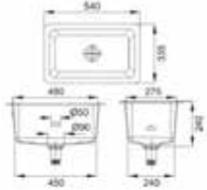
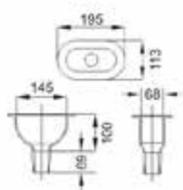
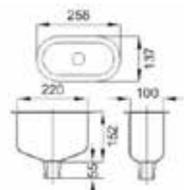
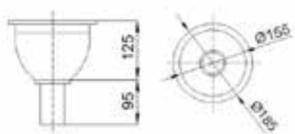
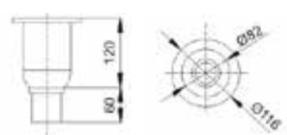
Spec/Model	FH-120-PP-CB	FH-150-PP-CB	FH-180-PP-CB	FH-200-PP-CB	FH-250-PP-CB
External Dimensions	1200 x 830 x 2320 mm	1500 x 830 x 2320 mm	1800 x 830 x 2320 mm	2000 x 830 x 2320 mm	2500 x 830 x 2320 mm
W x D x H	47.3x 32.6 x 91.3"	59.0 x 32.6 x 91.3"	70.9 x 32.6 x 91.3"	78.7 x 32.6 x 91.3"	98.4 x 32.6 x 91.3"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
PPS OPTION AVAILABLE!					
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

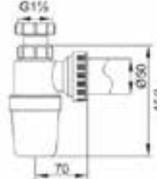
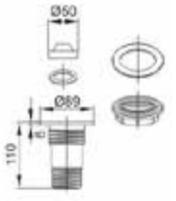
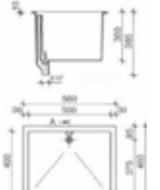
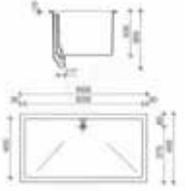
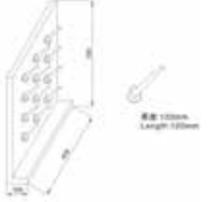
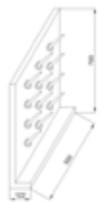
Description	Model
Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets	FH-KIT
Gas tap	FH-GTAP
Water tap	FH-WTAP
Polypropylene cup sink	FH-PP-SINK
Polypropylene sink 30 x 40	FH-SINK-3040
Power outlet	FH-SOCKET
Air flow monitor with audible alarm VAV+VFD installed, including 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

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

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 size 180 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

