



# Hybrid - Laminar Airflow Fume Hoods

TopAir's Laminar Airflow Fume Hoods offer clean bench functionality. They are made of high-quality non-corrosive polypropylene with excellent chemical resistance.

The product is equipped with a dual airflow 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 that needs to be connected to a ducting system with an outdoor fan. Both inflow and downflow (100% of the air) are channeled to the exhaust system.

### Structure:

- 8 mm welded polypropylene with high chemical resistance
- Polypropylene worktop – stainless steel optional.
- 5 mm front safety glass window with counterweight system
- Lower vented base cabinet made of polypropylene
- Air ventilation areas include perforations on the front and side area of the worktop and the grille at the rear.

- 10.1" color touchscreen display
- VAV with air flow alarm and display
- Automatic laminar air velocity
  - inflow is effected by the lab extracting system.
  - automatic shutdown system for the down-flow when inflow system fails
- Clean bench functionality
- Cleanliness level - Class 100/ISO 5
- 800 lux LED lighting separated from the work area
- Includes polypropylene lower base cabinet
- Optional: sink/water tap/gas tap/vacuum tap/electric sockets
- CE certified



 **PPS OPTION AVAILABLE!**

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Spec/ Model	FH-120-HCV	FH-150-HVC	FH-180-HVC	FH-200-HVC	FH-250-HVC
<b>External Dimensions W x D x H</b>	1200 x 850 x 2320mm 47.3 x 33.4 x 91.3"	1500 x 850 x 2320mm 59.0 x 33.4 x 91.3"	1800 x 850 x 2320mm 70.9 x 33.4 x 91.3"	2000 x 850 x 2370mm 78.7 x 33.4 x 91.3"	2500 x 850 x 2320mm 98.4 x 33.4 x 91.3"
<b>Exhaust Collar Dimensions</b>	1 X 10"/250MM	1 X 10"/250MM	1 X 10"/250MM	1 X 12"/315MM	2 X 10"/250MM
<b>WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS</b>					
<b>Workspace (W x D x H)</b>	1000 x 600 x 800mm 39.4 x 23.6 x 31.5"	1300 x 600 x 800mm 51.2 x 23.6 x 31.5"	1600 x 600 x 800mm 63 x 23.6 x 31.5"	1800 x 600 x 1000mm 70.8 x 24.8 x 39.4"	1800 x 600 x 800mm 70.8 x 23.6 x 31.5"
<b>Front Sash Max Opening</b>	600mm / 23.6"				
<b>Air Velocity</b>	Inflow 0.5±0.1 m/s, 100±20 fpm downflow 0.33±0.1 m/s, 66±20 fpm				
<b>Hood Material</b>	Polypropylene				
<b>Cleanliness Level</b>	Class 100/ISO 5				
<b>Worktop</b>	The standard is polypropylene, option for stainless steel				
<b>Control system</b>	VAV with 10.1" color touch screen display				
<b>Optional</b>	Water tap / gas tap / vacuum tap / pp sink				
<b>Power Supply</b>	110/220 V, 50/60 Hz. Includes a single-phase Power supply. A three-phase power supply can be special ordered.				

## Accessories

Model	Description
FH-KIT	Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets
FH-GTAP	Gas tap
FH-WTAP	Water tap
FH-PP-KP4B	Polypropylene cup sink (more sizes are available see the website)
FH-SOCKET	Power outlet
FH-FAN-750	Centrifugal fan 0.75 kW 2800 rpm / IE3 DIA 250 mm
FH-FAN-1500-300	Centrifugal fan 1.5 kW 2800 rpm / IE3 DIA 300 mm