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

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

The Polypropylene Fume Hoods protects laboratory staff from noxious fumes released by acids, bases, dangerous gases and organic solutions, which regular steel hoods may not withstand.

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 CE certified.

Structure:

• 8 mm welded Polypropylene with high chemical resistance
• 5 mm safety front glass window with counterweight system
• Air ventilation from both the top and rear panel
• Vertical sliding sash

- Basic control system: a 7" color touch screen controlling lighting and power outlets

- **Optional upgrade** to control systems:

    - **AFA**: 7" screen with AFA system, air velocity display and alarm

    - **VAV:** 10.1" screen with VAV system, automatic air velocity control (installed and include VFD), temp & humidity display

- 800 lux LED lighting separated from the work area (option for explosion-proof light)

- Optional accessories such as taps, sinks, sockets, scaffolding, and outdoor fan,

- CE certified

PPS OPTION AVAILABLE!

Walk in Fume Hood (Vertical Sash)

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 2320mm 47.3 x 36.6 x 91.3"	1500 x 930 x 2320mm 59.0 x 36.6 x 91.3"	1800 x 930 x 2320mm 70.8 x 36.6 x 91.3"	2000 x 930 x 2320mm 78.7 x 36.6 x 91.3"	2500 x 930 x 2320mm 98.4 x 36.6 x 91.3"
Workspace (W x D x H)	1000 x 650 x 1990mm 39.4 x 25.6 x 78.3"	1300 x 650 x 1990mm 51.2 x 25.6 x 78.3"	1600 x 650 x 1990mm 63 x 25.6 x 78.3"	1800 x 650 x 1990mm 70.8 x 25.6 x 78.3"	2300 x 650 x 1990mm 90.5 x 25.6 x 78.3"
	WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
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				
Control System	The standard control system is a 7" color display with on/off controls				
Optional	Water tap/ gas tap / vacuum tap/ pp sink / triplex glass / explosion-proof light				
Power Supply	110/220 V, 50/60 Hz. Includes a single-phase power supply. A three-phase power supply can be special ordered.				
Illumination	800 lux LED lights				

Accessories

Model	Description
FH-GTAP	Gas tap
FH-WTAP	Water tap
FH-SOCKET	Power outlet
FH-AFA / FH-VAV	Air flow display 7" screen / VAV System with 10.1" color touch screen / active sash system with 10.1" color touch screen
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