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**

Suction Opening

Control Panel

Tempered Glass Window

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"	1500 x 930 x 2320 mm 59.0 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 750 x 1990 mm 39.4 x 29.5 x 78.3"	1300 x 750 x 1990 mm 51.2 x 29.5 x 78.3"	1600 x 750 x 1990 mm 63 x 29.5 x 78.3"	1800 x 750 x 1990 mm 70.8 x 29.5 x 78.3"	2300 x 750 x 1990 mm 90.5 x 29.5 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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