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, 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 have been independently tested, and are **EN-14175, 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
- Additional options: VAV system, variety of worktop materials
- EN-14175, ASHRAE 110-1995 certified

Optional Features

PPS V2   ESD Protected

Suction Opening

Tempered Glass Window

Control Panel

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 805 x 2320 mm 47.3x 31.7 x 91.3"	1500 x 805 x 2320 mm 59.0 x 31.7 x 91.3"	1800 x 805 x 2320 mm 70.9 x 31.7 x 91.3"	2000 x 805 x 2320 mm 78.7 x 31.7 x 91.3"	2500 x 805 x 2320 mm 98.4 x 31.7 x 91.3"
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				
Optional Control System	VAV system with 7" color touch screen				
Optional	Water tap/ gas tap / vacuum tap/ pp sink				
Power Supply	110 / 220V, 50/60 Hz, Single/triple phase				
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 7'' LCD touch screen controller	FH-VAV
Air flow monitor with audible alarm VAV+VFD installed, including 4.3'' LCD touch screen controller	FH-VAV-4.3
Centrifugal fan 0.75 kw	FH-FAN-750
Centrifugal fan 1.1 KW	FH-FAN-1100-300