

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"
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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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