

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**



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 | 1200 x 930 x 2320 mm | 1500 x 930 x 2320 mm | 1800 x 930 x 2320 mm | 2000 x 930 x 2320 mm | 2500 x 930 x 2320 mm |
| W x D x H | 47.3x 36.6 x 91.3" | 59.0 x 36.6 x 91.3" | 70.8 x 36.6 x 91.3" | 78.7 x 36.6 x 91.3" | 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 650 x 1990 mm 39.4 x 25.5 x 78.3" | 1300 x 650 x 1990 mm 51.2 x 25.5 x 78.3" | 1600 x 650 x 1990 mm 63 x 25.5 x 78.3" | 1800 x 650 x 1990 mm 70.8 x 25.5 x 78.3" | 2300 x 650 x 1990 mm 90.5 x 25.5 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 |

Tel : 1-855-6-TOPAIR International: +1-855-686-7247 Email: sales@topairsystems.com
www.topairsystems.com | Headquarters: 300 First Avenue, Suite 102, Needham, MA 02494 USA