

Polypropylene Fume Hood



Topair's Polypropylene Fume 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 Polypropylene 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, ASHRAE 110-1995** certified.

- Polypropylene structure with high chemical resistance
- One-piece welded structure
- Built-in polypropylene worktop
- Tempered glass sliding front sash
- Eco-friendly, cost-effective 800 LUX LED lighting separated from the work area
- Includes polypropylene lower base Hood
- Optional: sink/water tap/gas tap/vacuum tap
- User-friendly digital control system including fan, light and signal light control
- Additional options: VAV system, variety of worktop materials
- EN-14175, ASHRAE 110-1995 certified



Models

CUSTOM SIZES AVAILABLE!

| Spec/Model | FH-120-PP | FH-150-PP | FH-180-PP | FH-200-PP | FH-250-PP |
|----------------------------|---|----------------------|----------------------|----------------------|----------------------|
| External Dimensions | 1200 x 805 x 2320 mm | 1500 x 805 x 2320 mm | 1800 x 805 x 2320 mm | 2000 x 805 x 2320 mm | 2500 x 805 x 2320 mm |
| W x D x H | 47.3x 31.7 x 91.3" | 59.0 x 31.7 x 91.3" | 70.9 x 31.7 x 91.3" | 78.7 x 31.7 x 91.3" | 98.4 x 31.7 x 91.3" |
| 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 | | | | |
| 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 |