



# Metal Floor-Mounted Fume Hood (Horizontal Doors)

Topair's Floor-Mounted 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 Metal with excellent chemical resistance. Metal 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
- Metal structure with high chemical resistance
- Large front window – 1.80 mm 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
- 7" color touch screen controlling lighting and power, optional VAV system
- Optional upgrade to AFA system with a 7" color touch screen, air velocity monitoring and display based on a sensor, and alerts upon deviations
- EN-14175 / CE / ASHRAE 110-1995 certified



 **PPS OPTION  
AVAILABLE!**

# Metal Floor-Mounted Fume Hood

(Horizontal Doors)

Spec/ Model	FH-120-WI	FH-150-WI	FH-180-WI	FH-200-WI	FH-250-WI
<b>External Dimensions</b> W x D x H	1200 x 930 x 2320mm 47.3x 36.6 x 91.3"	1500 x 930 x 2320mm 59.0 x 36.6 x 91.3"	1800 x 930 x 2320mm 70.8 x 36.6 x 91.3"	2000 x 930 x 2320mm 78.7 x 36.6 x 91.3"	2500 x 930 x 2320mm 98.4 x 36.6 x 91.3"
<b>Inner Dimensions</b> W x D x H	1000 x 650 x 1990 mm 39.4 x 25.5 x 78.3"	1300 x 650 x 1990mm 51.2 x 25.5 x 78.3"	1600 x 650 x 1990mm 63 x 25.5 x 78.3"	1800 x 650 x 1990mm 70.8 x 25.5 x 78.3"	2300 x 650 x 1990mm 90.5 x 25.5 x 78.3"
<b>Front Sash Max Opening</b>	1800 mm / 70.8"				
<b>Production / test Standard</b>	CE				
<b>Air Velocity</b>	0.5±0.1 m/s, 100±20 fpm				
<b>Cabinet Material</b>	White Metal				
<b>Optional Control System</b>	VAV system with 9" color touch screen				
<b>Optional</b>	Water tap/ gas tap / vacuum tap/ pp sink				
<b>Power Supply Options</b>	110/220V, 50/60 Hz, Includes a single phase power supply. A three-phase power supply can be specially ordered.				
<b>Illumination</b>	800 LUX LED lights				

## Accessories

Model	Description
FH-FAN-1100-300	Centrifugal fan 1.1 KW 2800 RPM/IE3 DIA 300 mm
FH-FAN-750	Centrifugal fan 0.75 kW 2800 rpm / IE3 DIA 250 mm
FH-GTAP	Gas tap
FH-KIT	Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets
FH-PP-SINK	Polypropylene cup sink
FH-SINK-3040	Polypropylene sink 30 x 40
FH-SOCKET	Power outlet
FH-VAV	Air flow monitor with audible alarm VAV+VFD installed, including 7" LCD touch screen controller
FH-VAV-4.3	Air flow monitor with audible alarm VAV+VFD installed, including 4.3" LCD touch screen controller
FH-WTAP	Water tap

