Metal Fume Hood - Value line

TopAir's Metal Fume Hoods protect laboratory staff from noxious fumes when working with dangerous gases, organic solvents, etc.

The fume hood channels chemical vapors out of the building using an outdoor fan installed on the roof or on an external wall.

The hoods are **EN-14175 / CE / ASHRAE 110-1995 certified.**

Structure:

- Metal epoxy-coated paint
- The internal lining is made of 5 mm HPL
- Ceramic worktop is included – optional materials include stainless steel, polypropylene, epoxy, HPL.
- 5 mm front safety glass window with counterweight system
- Lower vented base cabinet made out of epoxy painted metal
- Air ventilation from both the top and rear panel

- Basic control system is a 7" color touch screen controlling lighting and power outlets
- **Optional upgrades** to control systems:
  - **AFA system** – includes a 7" screen with air velocity display and alarm
  - **VAV system** includes a 10.1" screen with automatic air velocity control (installed and included VFD), temp & humidity display
  - **Active system** has a 10.1" screen with energy saver that includes automatic sash motion with proximity sensing system
    - Active system dramatically reduces energy costs
- 800 lux LED lighting separated from the work area (option for explosion-proof light)
- Optional accessories such as taps, sinks, sockets, scaffolding, and outdoor fan
- EN-14175, ASHRAE 110-1995, CE certified

Metal Fume Hood - Value line

Spec/ Model	FH-120	FH-150	FH-180	FH-200	FH-220
External Dimensions W x D x H	1200 x 800 x 2350mm 47.2x31.5x29.5"	1500 x 800 x 2350mm 59x31.5x92.5"	1800 x 800 x 2350mm 70.8 x 31.5 x 92.5"	2000 x 800 x 2350mm 78.7 x 31.5 x 92.5"	2200 x 800 x 2350mm 86.6 x 31.5 x 92.5"
Workspace (W x D x H)	950 x 630 x 1145mm 37.4 x 24.8 x 45"	1250 x 630 x 1145mm 49.2 x 24.8 x 45"	1550 x 630 x 1145mm 61 x 24.8 x 45"	1750 x 630 x 1145mm 68.9 x 24.8 x 45"	1950 x 630 x 1145mm 76.8 x 24.8 x 45"
Exhaust Collar Dimensions	1 X 10"/250MM	1 X 10"/250MM	1 X 10"/250MM	1 X 12"/315MM	1 X 12"/315MM
	WE CAN CUSTOMIZE ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS				
Front Sash Max Opening	860 mm / 33.8"				
Production / test Standard	EN-14175 / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 fpm				
Hood Material	Metal epoxy-coated paint				
Worktop	The standard worktop is ceramic, other options are: HPL / polypropylene / Epoxy / Stainless steel				
Control System	The standard control system is A 7" color display with on/off controls				
Optional	Water tap / gas tap / vacuum tap / pp sink / triplex glass / explosion-proof light				
Power Supply	110/220 V, 50/60 Hz. Includes a single-phase power supply. A three-phase power supply can be special ordered.				
Illumination	800 lux				

Accessories

Model	Description
FH-KIT	Kit for Fume Hood includes: 1 water tap, 1 gas tap, 1 cup sink and 4 power outlets
FH-GTAP	Gas tap
FH-WTAP	Water tap
FH-PP-KP4B	Polypropylene cup sink (more sizes are available see the website)
FH-SOCKET	Power outlet
FH-AFA / FH-VAV / FH-ACTIVE	The standard control system is a 7" with on/off controls, other options are: airflow alarm and display 7" screen / VAV System with 10.1" screen / active sash system with 10.1" screen
FH-FAN-750	Centrifugal fan 0.75 kW 2800 rpm / IE3 DIA 250 mm
FH-FAN-1500-300	Centrifugal fan 1.5 kW 2800 rpm / IE3 DIA 300 mm

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

3