

Metal Fume Hood



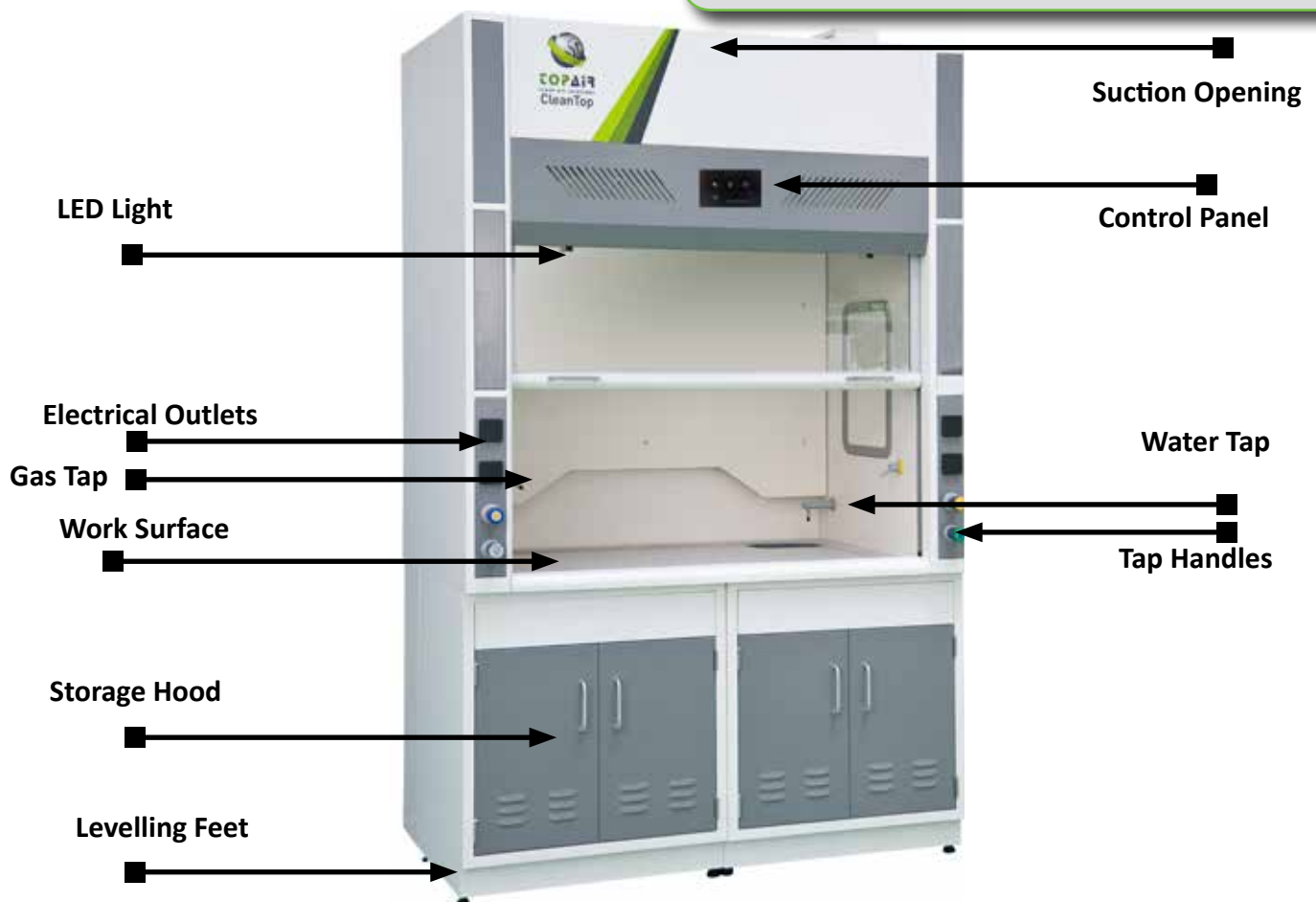
Topair's Metal Fume Hoods protect laboratory staff from noxious fumes when working with acids, dangerous gas, organic solvents, etc. Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe, pleasant work environment.

The Fume Hood channels chemical vapors out of the building using an internal fan installed on the roof or on an external wall.

The Hood structure is made of epoxy-covered metal, while the internal structure is made of HPL 6mm.

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

- Metal epoxy-coated oven-tempered structure, with an optional polypropylene construction suitable for working with harsh chemicals
- Frontal tempered glass window, sliding horizontally on tracks
- Air suction from both the top and back panel
- LED lighting at 800 LUX, with optional rupture protection
- Airflow velocity of 0.5 ± 0.1 m/s, 100 ± 20 FPM
- Side walls coated with 6 mm HPL for durability and easy cleaning, option for polypropylene/stainless steel
- Epoxy work surface with edges sloping towards the workspace, with options for HPL/stainless steel/polypropylene/ceramic
- Control panel including an on/off unit power and light switch, with an optional VAV system
- Includes metal lower base cabinet
- EN-14175 / CE / ASHRAE 110-1995 certified



Models

CUSTOM SIZES AVAILABLE!

Spec/Model	FH-120	FH-150	FH-180	FH-200	FH-250
External Dimensions	1200 x 800 x 2350 mm	1500 x 800 x 2350 mm	1800 x 800 x 2350 mm	2000 x 800 x 2320 mm	2500 x 800 x 800 mm
W x D x H	47.2 x 31.5 x 92.5"	59 x 31.5 x 92.5"	70.9 x 31.5 x 92.5"	78.7 x 31.5 x 92.5"	98.4 x 31.5 x 92.5"
Workspace	950 x 680 x 1145 mm	1250 x 680 x 1145 mm	1550 x 680 x 1145 mm	1800 x 630 x 1170 mm	2300 x 630 x 1170 mm
(W x D x H)	37.4 x 26.7 x 45"	49.2 x 26.7 x 45"	61 x 26.7 x 45"	70.8 x 26.7 x 45"	90.5 x 26.7 x 45"
Front Sash Max Opening	800 mm / 31.5"				
Production / test Standard	EN-14175 / CE / ASHRAE 110-1995				
Air Velocity	0.5±0.1 m/s, 100±20 FPM				
Hood Material	Inner coating – 6 mm HPL; External - Cold rolled steel, static powder coated				
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 / triplex glass / Ex proof light				
Power Supply	110 / 220V, 50/60 Hz, Single/Triple Phase				
Illumination	800 LUX				

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 installed	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 1.5 KW	FH-FAN-1.5
Centrifugal fan 2.2KW	FH-FAN-2.2

Tel : +1-855-6-TOPAIR (+1-855-686-7247) Email: sales@topairsystems.com

Web: www.topairsystems.com | Headquarters USA: 8912 68th Avenue Forest Hills New York 11375, USA