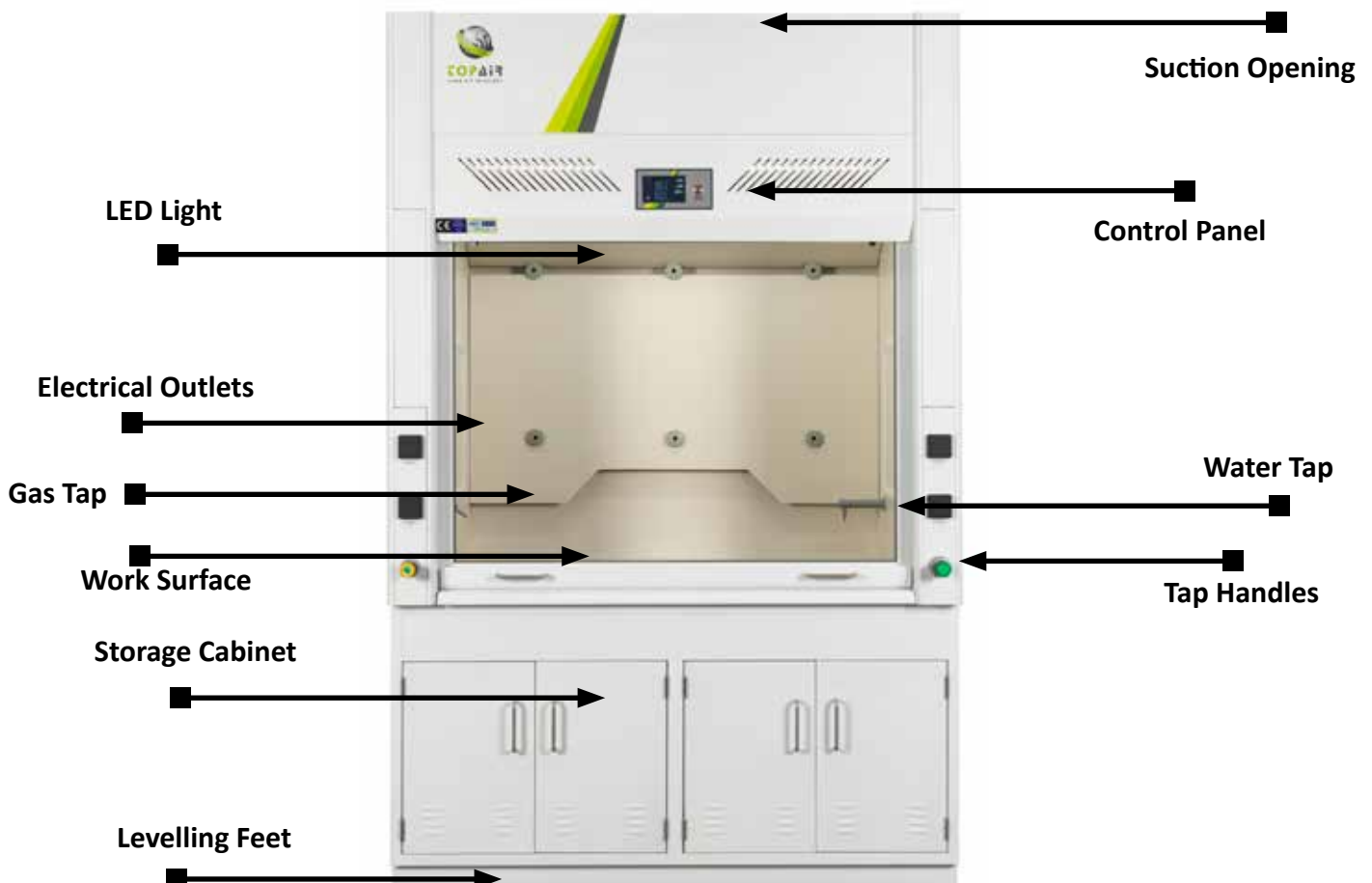# Metal Fume Hood

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 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 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
- Tempered glass sliding front sash
- 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
- Ceramic work surface with raised edges, with options for HPL/stainless steel/polypropylene/epoxy
- 7" color touch screen controlling lighting and power. Optional VAV system.
- Includes metal lower base cabinet
- **EN-14175 / CE / ASHRAE 110-1995 certified**

Suction Opening

Control Panel

LED Light

Electrical Outlets

Gas Tap

Work Surface

Water Tap

Tap Handles

Storage Cabinet

Levelling Feet

Models

Spec/Model	FH-120	FH-150	FH-180	FH-200	FH-250
External Dimensions W x D x H	1200 x 800 x 2350 mm 47.2 x 31.5 x 92.5"	1500 x 800 x 2350 mm 59 x 31.5 x 92.5"	1800 x 800 x 2350 mm 70.9 x 31.5 x 92.5"	2000 x 800 x 2350 mm 78.7 x 31.5 x 92.5"	2500 x 800 x 2350 mm 98.4 x 31.5 x 92.5"
Workspace (W x D x H)	950 x 630 x 1145 mm 37.4 x 24.8 x 45"	1250 x 630 x 1145 mm 49.2 x 24.8 x 45"	1550 x 630 x 1145 mm 61 x 24.8 x 45"	1750 x 630 x 1145 mm 68.9 x 26.7 x 45"	2250 x 630 x 1145 mm 88.5 x 26.7 x 45"
WE CAN CUSTOMIZE TO ANY SIZE - EVEN A SINGLE UNIT! CONTACT US FOR DETAILS					
Front Sash Max Opening	860 mm / 33.8"				
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	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 / triplex glass / Ex proof light				
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				

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

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