

Metal Fume Hood



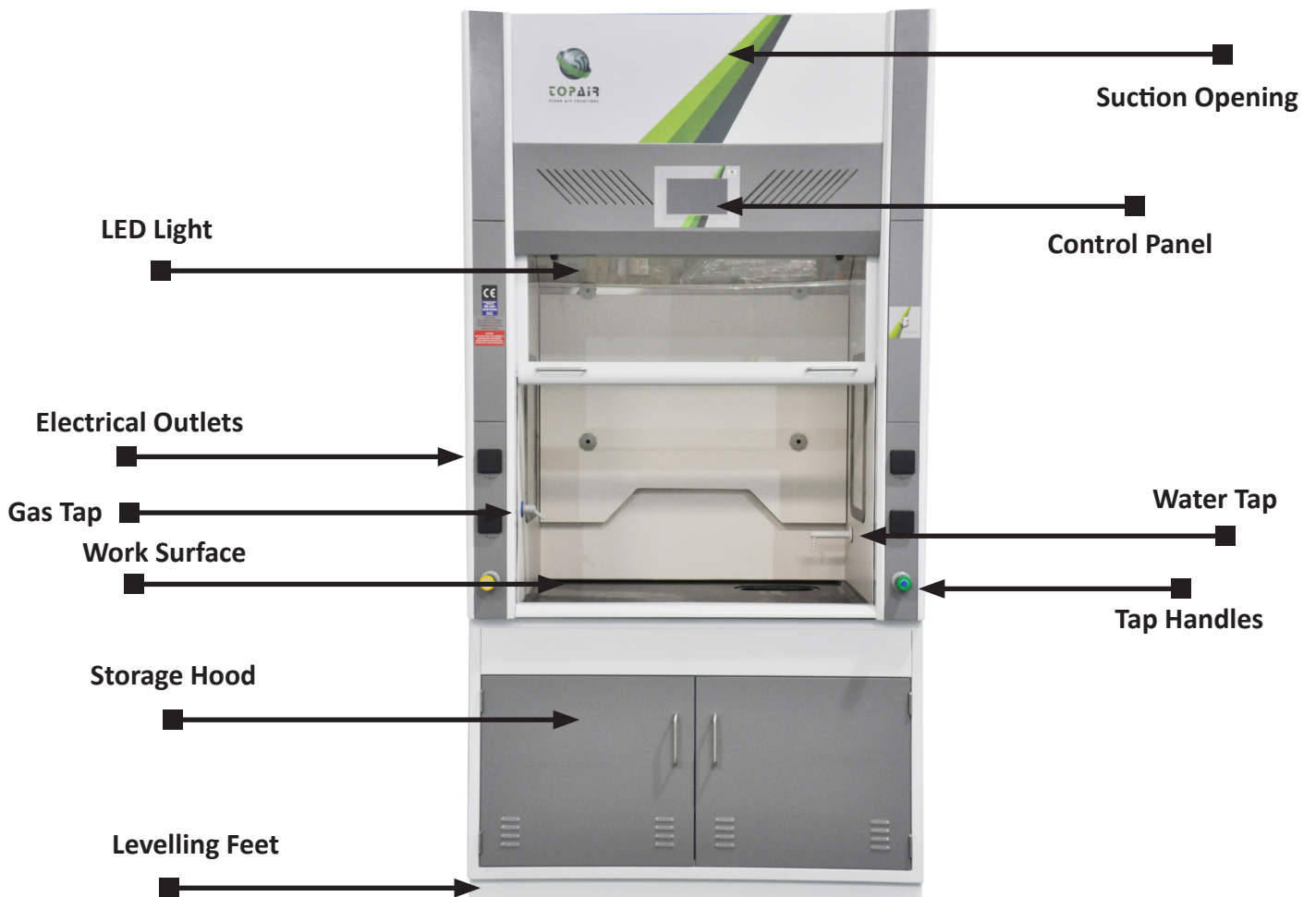
Topair's Metal Fume Hoods protect laboratory staff from noxious fumes when working with acids, dangerous gas, organic solvents, etc. Harmful and unpleasant chemical fumes are removed from the controlled environment to facilitate a safe and pleasant work environment.

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**



Models

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 2350 mm	2500 x 800 x 2350 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 1145 mm	2300 x 630 x 1145 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"

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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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