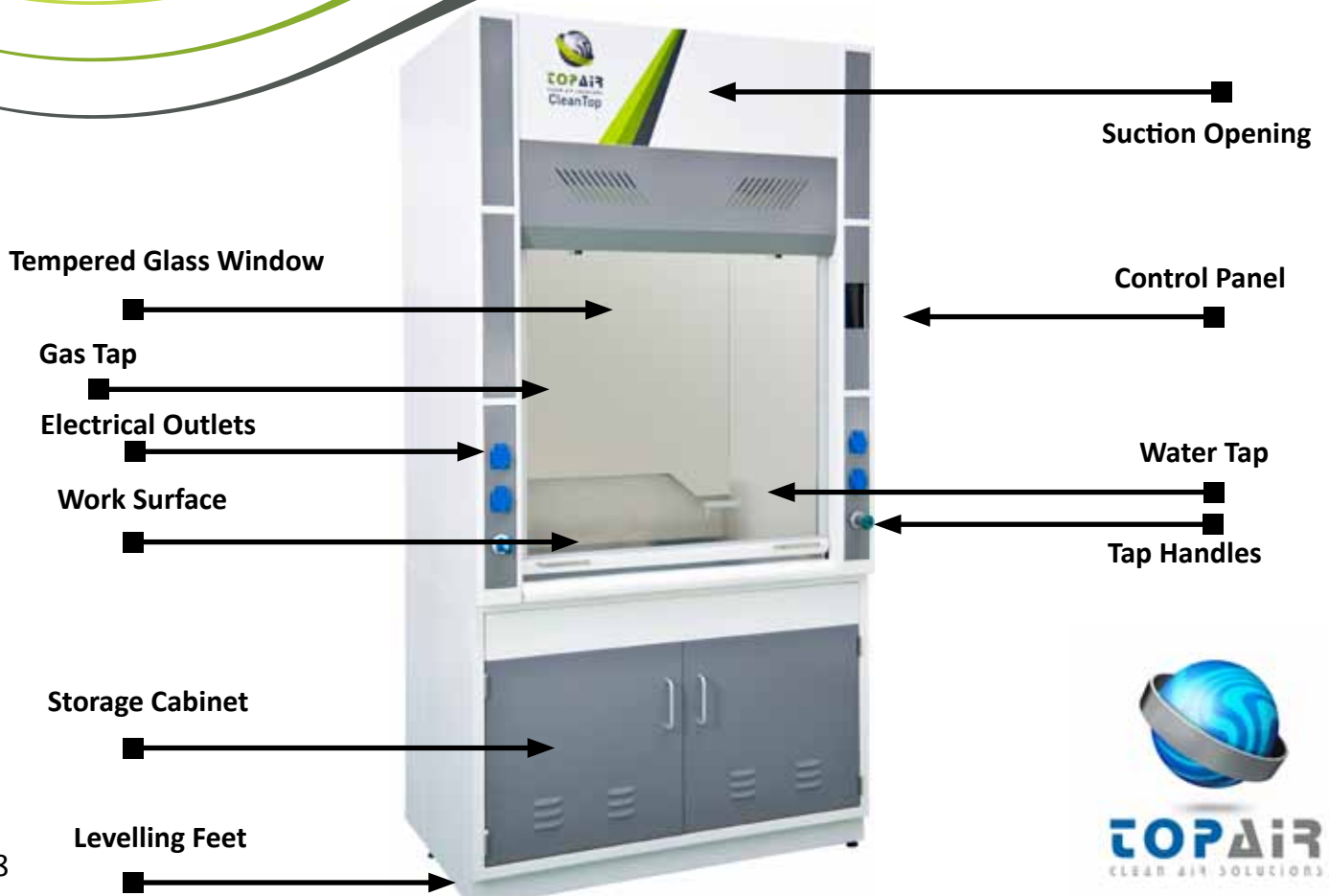# Metal Fume Cabinet

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

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

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

- 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
- Fluorescent LED lighting at 600–800 LUX, with optional rupture protection
- Airflow velocity of 0.5 meter per second
- Side walls coated with 6 mm HPL for durability and easy cleaning, with options 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
- Bottom cabinet for chemical storage, with an optional metal or polypropylene hood cabinet

Suction Opening

Tempered Glass Window

Control Panel

Gas Tap

Electrical Outlets

Water Tap

Work Surface

Tap Handles

Storage Cabinet

Levelling Feet

TOPAIR
CLEAN AIR SOLUTIONS

Models

Spec/Model	FH-120-A	FH-150-A	FH-180-A
External Dimensions W x D x H	1200 x 800 x 2350 mm 47.3x 31.5 x 92.50"	1500 x 800 x 2350 mm "59.0 x 31.5 x 92.5"	1800 x 800 X 2350 mm 70.9 x 31.5 x 92.5"
Workspace (W x D x H)	950 x 700 x 800 mm 37.4x 27.6 x 31.5"	1250 x 700 x 800 mm 49.2x 27.6 x 31.5"	1550 x 700 x 800 mm 61 x 27.6 x 31.5"
Production / test Standard	EN-14175 / ASHRAE 110-1995 / ISO-9001:2008		
Air Velocity	0.6±0.1m/s, 120 ±20FPM		
Cabinet Material	Inner coating – 6 mm HPL Cold rolled steel, powder coated surface Static		
Work Table Material	HPL/ Ceramic / Epoxy / PP		
Optional Control System	VAV SYSTEM includes sash mode control		
Standard Options	Water tap/ gas tap / vacuum tap/ pp sink, triplex glass, Ex proof light		
Power Supply Options	110 / 220V 50/60 Hz, Single/Triple Phase		
Illumination	>800 LUX		

Accessories

Spec/Model	FH-120-A	FH-150-A	FH-180-A
Stand W x D x H	1200 x 800 x 800 mm 47.2 x 31.5 x 31.5"	1500 x 800 x 800 mm 59 x 31.5 x 31.5"	1800 x 800 x 800 mm 70.9 x 31.5 x 31.5"
PP Cap Sink	FH-PP-SINK		
Water Tap	FH-W-TAP		
Electrical Socket	FH-SOCKET		
Gas Tap	FH-G-TAP		
1.1 kw fan	FH-FAN-1.1		

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