General Purpose Fume Hood
Product Brochure

General Purpose Fume Hood

General purpose fume hood is a ducted fume hood which is applicable for most common lab applications such as boiling, evaporation, drying and other applications that emits harmful fumes and vapours.

1. Sash
2. Electrical socket
3. Worktop
4. Body
5. Baffle
6. Service fixture
7. Water faucet
8. Base cabinet

Features

• Double-walled design for fume hood body

• Industrial-grade electro-galvanized steel construction with epoxy powder finish

• High corrosion resistance

• Fiber reinforced polyester baffle for aerodynamic and rigidity

• Epoxy resin worktop with high chemical and heat resistance

• Integrated recessed handles to reduce work obstruction

• Customisable components such as service fixtures, water faucets and drip cup

• Customisable base cabinet; can be mounted on bench, base leg or safety cabinet

Customisations

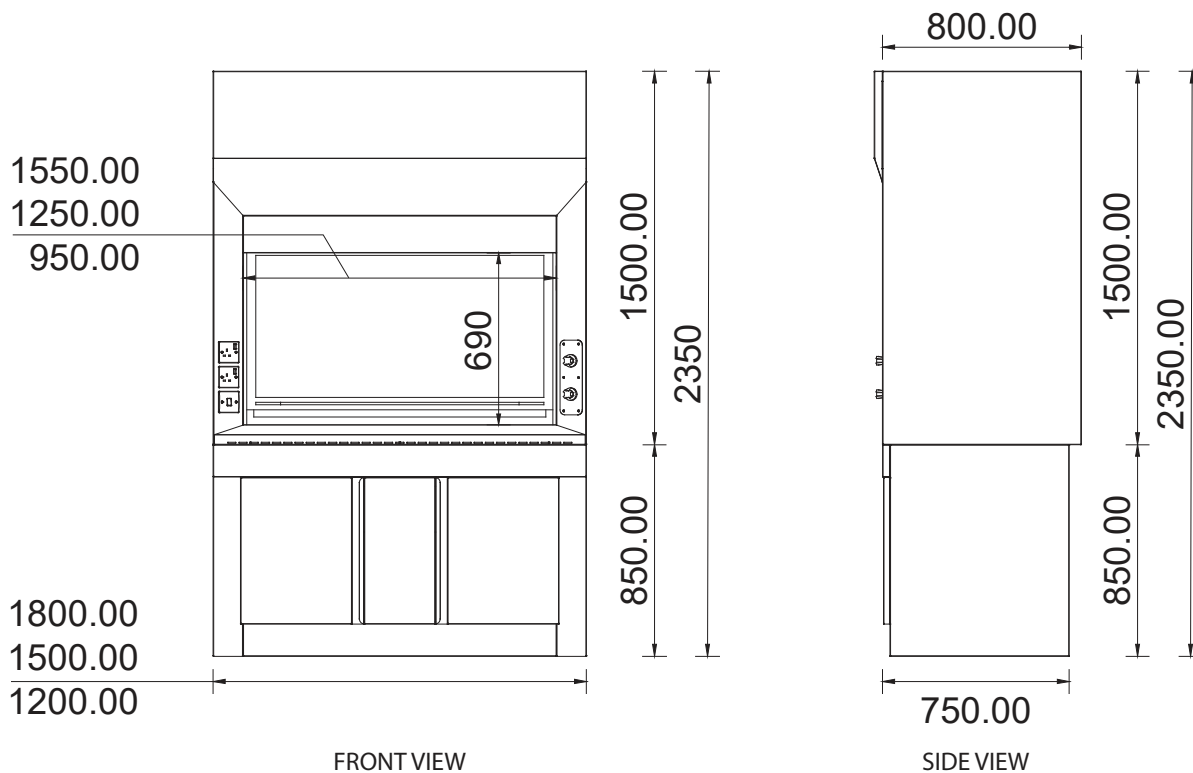|				
Drip cup, water faucet type and location	Gas outlet/valve type and location	External hood colour variations	Sink and additional water faucet	Base support frame with castors
Hazard symbol stickers	Digital airflow display/ airflow regulator	Emergency stop button	Water faucet type and location	Flammable/corrosive chemical safety cabinet

Product Details

FRONT VIEW

SIDE VIEW

Model	GPFH-4	GPFH-5	GPFH-6
External Dimensions (mm)	1200(L) x 800(W) x 2350(H)	1500(L) x 800(W) x 2350(H)	1800(L) x 800(W) x 2350(H)
Internal Dimensions (mm)	950(L) x 700(W) x 1150(H)	1250(L) x 700(W) x 1150(H)	1550(L) x 700(W) x 1150(H)
Baffle	Fiber-reinforced polyester (FRP)		
Material	1.2mm(Thk) Electro-galvanized steel sheet with epoxy powder coating finish		
Worktop	25mm(Thk) Epoxy resin / 30mm(Thk) Phenolic resin c/w marine edge		
Sash	5mm(Thk) Clear glass / Polycarbonate / Acrylic / Tempered glass		
Full Sash Opening (mm)	700(H)		
Standard Features	- 1 Unit of 10 Watts light - 2 Units of 13 Amp electrical socket - 1 Unit of light and fan dual switch - 1 Unit of gas and water outlet & remote control - 1 Unit of drip cup		
Base Cabinet (Standard)	1.2mm(Thk) Electro-galvanized steel sheet with epoxy powder coating finish		
Power Consumption	10W (Lighting)		
Volumetric Flow Rate	4ft: 800 - 1000 cfm 5ft: 1000 - 1200 cfm 6ft: 1200 - 1500 cfmt		
Face Velocity	0.5 m/s at > 300(H)		

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