Certificate of Type Testing
In Accordance With
EN 14175

Catalogue

General Purpose
Ducted Fume Hood

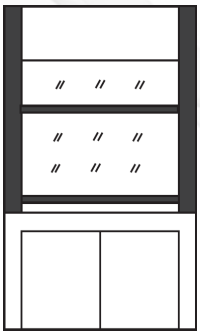
LEE HUNG

Established Since 1983.
Your *Premier* Scientific Source

Types of Fume Hoods

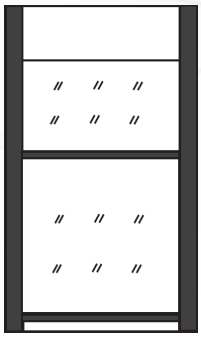
We offers wide range of high performance fume hood for your applications. The selection of fume hood is highly dependent on the laboratory size, condition, and types of chemicals intend to be used in the fume hood.

All-rounder for most experiment



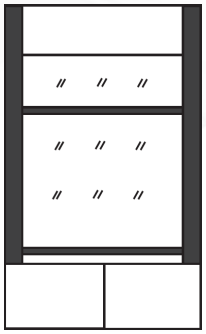
General Purpose

For big experiment setup



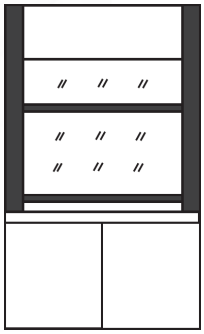
Walk-In

For medium scale experiment setup



Dilution

Stainless steel 304 internal



Perchloric

Choosing The Right Material For Your Fume Hood

Getting the most out of a fume hood begins with selecting the right material for your application. To ensure your fume hood longevity, the interior liner material must be compatible with the chemicals it will exposed to.

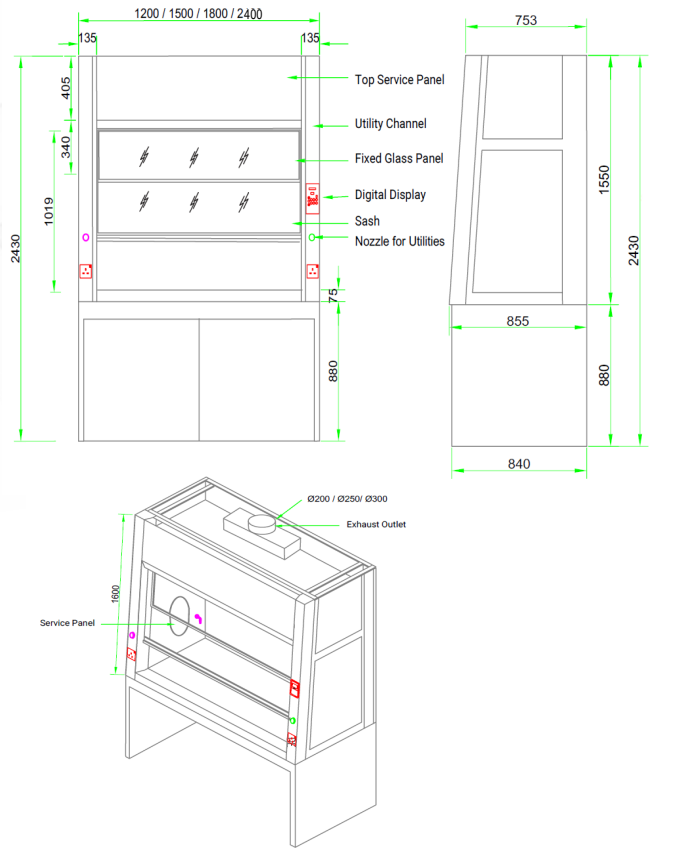
Here's a guide illustrating the features of each material to help you make the right decision.

Phenolic Resin	Fiberglass	Stainless Steel 304
• Good chemical resistivity • Not suitable for high heat • Moderate mechanical properties	• Good chemical resistivity • Able to withstand moderate heat • Good mechanical properties	• Moderate chemical resistivity • High heat resistance • Strong mechanical properties

Recommended liner materials for different substances:

Type of Substances	Phenolic Resin	Fiberglass	Stainless Steel 304
Acid	✓	✓	×
Diluted Acid	✓	✓	✓
Solvent	✓	✓	✓
Hydrofluoric Acid (HF)	✓	×	×
High Heat (>100°C)	×	×	✓
Moderate Heat (50°C - 80°C)	×	✓	✓
Radioactive	×	×	×

General Purpose Ducted Fume Hood



Specifications

Specifications		General Purpose Ducted Fume Hood			
		EFH-1200	**EFH-1500**	**EFH-1800**	**EFH-2400**
Nominal Size (ft)		4′	5′	6′	8′
External Dimension (L x D x H, mm)		1200 x 855 x 2430	1500 x 855 x 2430	1800 x 855 x 2430	2400 x 855 x 2430
Internal Dimension (L x D x H, mm)		930 x 600 x 1100	1230 x 600 x 1100	1530 x 600 x 1100	2130 x 600 x 1100
Body Construction	External Material	Baked Epoxy EG Steel			
	Internal Material	Option: [1] Phenolic Resin; or [2] Fiberglass; or [3] Stainless Steel 304			
	Worktop	Option: [1] 25mm Epoxy Top with Marine Edge; or [2] Stainless Steel 304			
Base Stand		Option: [1] Swing Door;or [2] Steel Panel Frame			
Sash Specifications	Material	Laminated and Framed Sash Glass			
	Configuration	Vertical			
	Slopping	4° slope			
	Maximum Opening	650mm			
Flow Rate (m^3/h)		950	1280	1590	2210
Exhaust Outlet Outer Diameter (mm)		200	250		300 x 2 nos
Controller		Option: [1] Rocket Switch Controller; or [2] Digital Controller			
Light Intensity (lux)		894	1115	1200	1200
Certification		EN 14175			
Net Weight (kg)		135	195	214	298

Optional Accessories

Internal Material

- Phenolic Resin
- Fiberglass
- Stainless Steel 304

Worktop

- 25mm Epoxy Top with Marine Edge
- Stainless Steel 304

Digital Monitor

Measures and monitors the "face velocity" inside a fume hood. The system will generate an alarm if the face velocity drops lower than the low alarm point or rises higher than the high alarm point.

Utilities

PP cup sink

Water or gas services wall mounted outlet with detachable nozzle

Base Stand

EG steel c/w 2 swing door type

'U' shape support EG steel