

## Fume Cupboard



Quesst International

We design, manufacture and install fume cupboards, which ensure protection of personnel from hazards of over-exposure to air borne concentrations of chemical fumes, toxic gases/ vapors and industrials/ laboratory dusts above the permissible exposure limits (PEL).

### Construction:

- Wood Melamine/M.S Powder coated/Stainless Steel
- Inner: FRP Coated
- Work Table: Granite
- Door: Sliding door with toughened glass
- S.S.Sink with inlet and outlet

### Technical Specification:

Fume exhausts hoods manufactured by us as per customer requirements.

The inner walls of the working chamber is covered with epoxy coated asbestos or FRP or HDPE lining or as required. The working table is made of acid proof glazed tiles/18mm thick Granite and provided with gas/air Petcocks and additional power points, diffused fluorescent tubes. The front shutter is of shatter proof clear glass, framed in suitable structure with vertically sliding facility and is connected with counter weight balancing arrangement.

The exhaust system consists of a dynamically balanced centrifugal impeller, made of PVC/FRP, directly coupled with a TEFC industrial motor of 1440 RPM 1Phase or 3 phase 230/415 V and control led by a DOL starter with systems ranges from 500 CFM to 2000 CFM or above as it is proportional to the dimensions of the hood. Fume exhaust hoods are provided with suitable ducting of FRP or PVC material with required diameter and length as per the site conditions.

Fume exhaust hoods are also available with full FRP construction or combination of FRP and Ply, with or without work bench. We also design and manufacture Scrubbers, Fume Extraction & Dust Collection Systems.

Technical Specification:

Model Available:

Model	QI-FH-900 Floor type	QI-FH-1200 Floor type	QI-FH-1500 Floor type	QI-FH-1800 Floor type
Model	QI-FH-900 Table top type	QI-FH-1200 Table top type	QI-FH-1500 Table top type	QI-FH-1800 Table top type
<b>Working Area</b>	<b>3' x 2' x 3'</b>	<b>4' x 2' x 3'</b>	<b>5' x 2' x 3'</b>	<b>6' x 2' x 3'</b>
M O C	Melamine laminated wooden	Melamine laminated wooden	Melamine laminated wooden	Melamine laminated wooden
M O C	G I with Powder Coated finish	G I with Powder Coated finish	G I with Powder Coated finish	G I with Powder Coated finish
M O C	SS with satin finish			
M O C	FRP with PU coated finish			