

# Fume Hoods

أجهزة طرد الغازات

Your Neighbourhood Expert



Protech Company | شركة التقنية المتقدمة (بروتك)

Tel: +962 6 4025470 | Fax: +962 6 4025484  
P.O.BOX 927261 Amman11190, Jordan | Email: info@protech.jo  
www.protech.jo



Protech Company, founded in 1993 and located in the heart of the Middle-East and North Africa has a long known history and reputation for quality and Customer satisfaction in the design manufacturing and installation of laboratory furniture and fume hoods, using the world's best raw materials accessories and fittings clients can find variety of products and the optimum solution for their laboratories

Protech offers flexibility, ergonomic features, state-of-the-art designs, solid construction and warranties all at an affordable price. Protech can propose many design and product alternatives that retain functionality without sacrificing performance

Protech is also ISO 9001:2000 certified for meeting the requirements for an ideal manufacturing company. ISO 9001 Quality Management System is always in the focus in every process to ensure best quality and customer satisfacti



AI systems provided are based on a comprehensive range of high quality laboratory furniture Fume cupboards and fittings using international standards Protech is a member of the Scientific Equipment and (Furniture Association (SEFA, USA which includes in its members a group of international and professional laboratory furniture and fume cupboard manufacturers and consultants

# Fume Hoods

## Fumetech-10

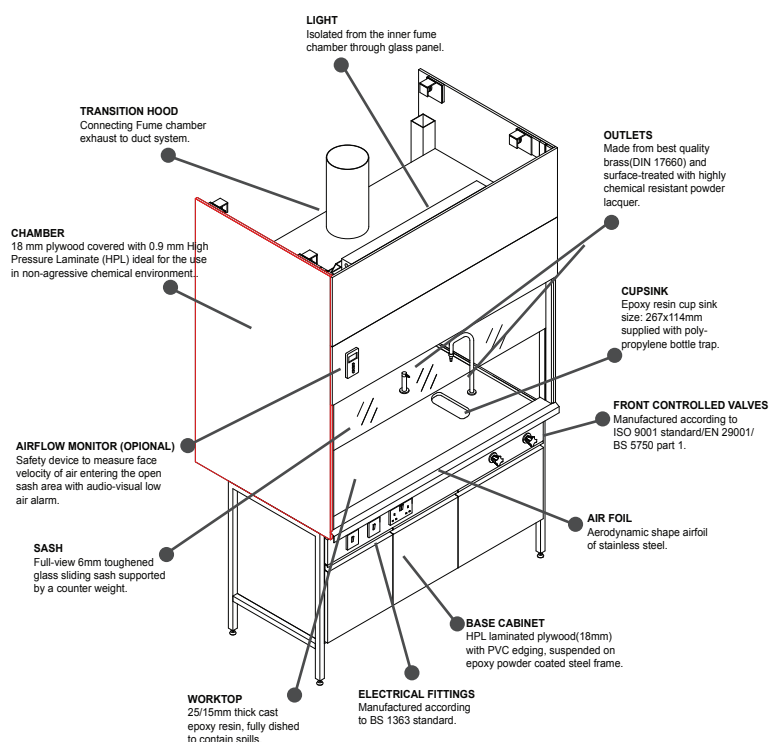
Ideal for schools and light chemical laboratories  
Fumetech-10 chamber & back baffles are manufactured from best quality plywood covered with High Pressure Laminate (HPL) and edging

- » Resistant to light chemical fumes and vapors
- » Simple and flexible design
- » Good value for small budgets
- » Good interior working space



### Fumetech-10 Models:

Dimensions in mm	FT10-90	FT10 – 120	FT10 – 150	FT10 – 180
Overall Width	900	1200	1500	1800
Overall Depth	900			
Overall Height	2400			
Working Area Width	860	1160	1460	1760
Working Area Depth	795			
Working Area Height	1100			
Worktop Height	900			
Duct Diameter	200 / 250			





# Fumetech-20

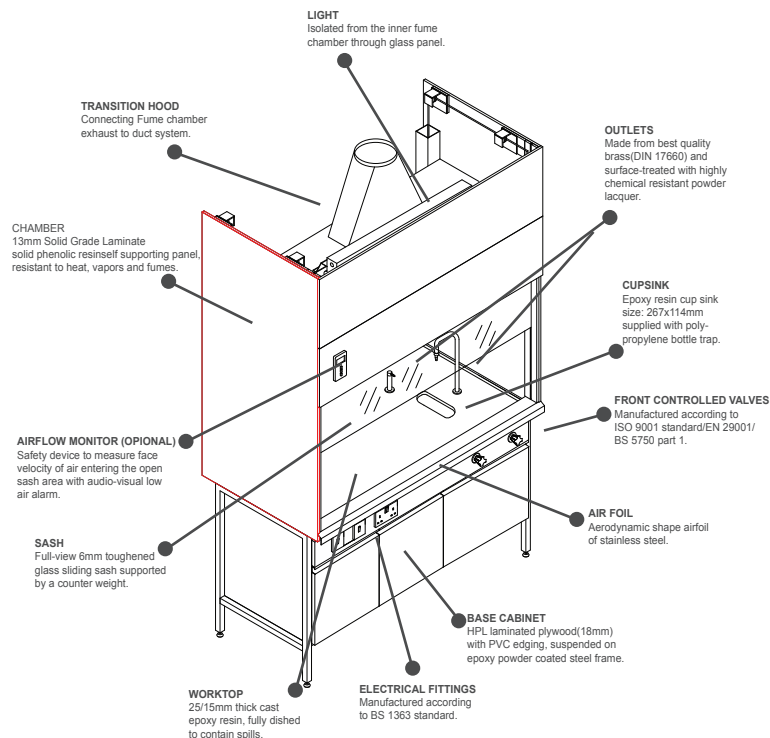
Protech's best selling fume cupboard Fumetech 20 chamber & back baffles are manufactured from solid compact Laminate panels solid phenolic resin solid compact panels are a flat panel based on thermosetting resins. Homogenously reinforced with cellulose fibers & manufactured under high pressure & temperature according to EN48 standard

- » Great resistance to heavy chemicals fumes & vapors.
- » Fire resistant & antistatic.
- » Good interior working space.
- » Durable and easy maintenance.



## Fumetech-20 Models:

Dimensions in mm	FT20-90	FT20 – 120	FT20 – 150	FT20 – 180
Overall Width	900	1200	1500	1800
Overall Depth	770			
Overall Height	2400			
Working Area Width	870	1170	1470	1770
Working Area Depth	665			
Working Area Height	1100			
Worktop Height	900			
Duct Diameter	200 / 250			



# Fumetech-30

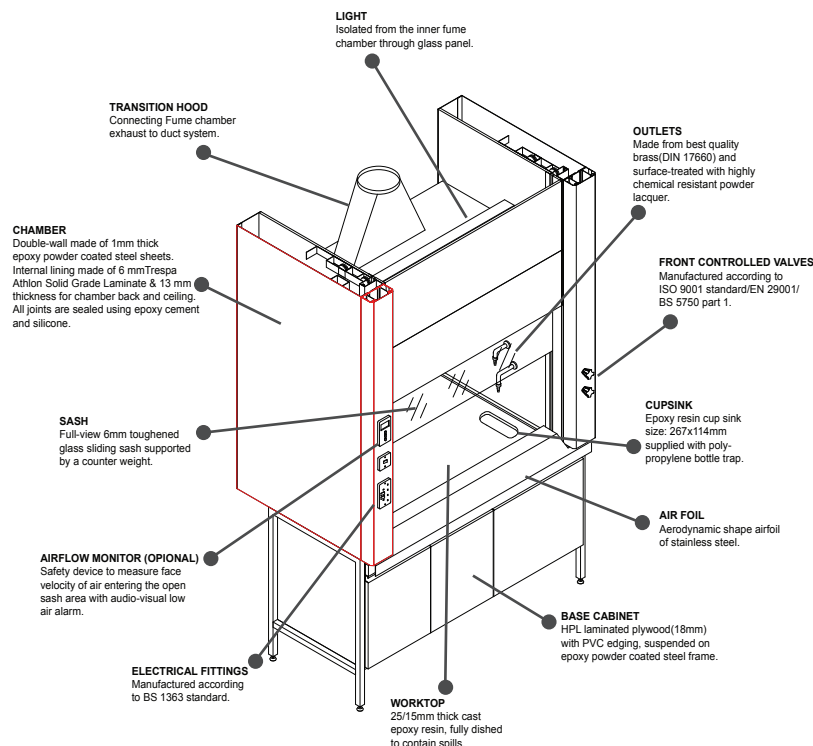
State-of-the-art aerodynamic design. This double-wall fume cupboard is made of 1 mm thick treated steel covered with epoxy powder interior lining and back baffles are made from solid compact panels

- » Sleek aerodynamic look.
- » Great resistance to heavy chemicals fumes & vapors.
- » Fire resistant & antistatic.
- » Fittings come on the sides for easy use.
- » Durable and easy maintenance.



## Fumetech-30 Models:

Dimensions in mm	FT30 – 120	FT30 – 150	FT30 – 180
Overall Width	1200	1500	1800
Overall Depth	900		
Overall Height	2480		
Working Area Width	900	1200	1500
Working Area Depth	795		
Working Area Height	1100		
Worktop Height	900		
Duct Diameter	200 / 250		



## Standard Components

- » Epoxy resin dished worktop 19/25 mm
- » Epoxy resin oval cupsink size: 267x114 mm
- » Laboratory grade polypropylene bottle trap
- » Front controlled valve and outlet for water
- » Front controlled valve and outlet for gas
- » Air foil
- » Base cabinet suspended on epoxy powder coated steel frames
- » 20 AMP fan switch with light indicator
- » 10 AMP light switch
- » 13 AMP double electrical socket

## Optional / Accessories

### » Worktops

- Anti-acid ceramic tiles
- Trespa Toplab Plus®

### » Sinks

- Epoxy resin rectangular sink, size: 387x149 mm
- Ceramic sink. size: 300x150 mm

### » Fixtures

- Front controlled valve and outlet for Compressed Air Vacuum, Nitrogen, Helium and other gases.
- 13 amp double electrical socket with IPS5 protection.

### » Bypass

- To eliminate high air velocity when closing the sash, Fume Hood can be supplied with a bypass grill.

### » Base Cabinet

- 13mm solid compact Laminate

### » Airflow Monitor

- Safety device to measure face velocity of air entering the open sash area with audio-visual low air alarm. Airflow Monitor Complies with British Standard & COSHH requirements. Panel includes analogue meter with continuous reading of face velocity, low air mute push button & audible alarm. The airflow sensor is 0-5 m/sec. sensitivity is 0.01 m/sec. Digital airflow monitor is available upon request.

### » Vision Panel

- For demonstration purposes, one or two sides of the fume chamber can be provided with 6mm sealed toughened glass panel (Fumetech 10 & Fumetech 20. only),

## Ducting Material

Available ducting material, including straight duct, flexible duct, elbows, reducers, and weather capare made of PVC. Other ducting material such as polypropylene, stainless steel, and galvanized steel can be supplied upon request.

## Exhaust Fan

Centrifugal extractor fan with IP 55 protection. Fan house is adjustable, UV resistant and made of polypropylene. Wheel is made of polypropylene and httedto a graphitized nylon hub. Fan is supplied with motor base.

Fan Type		PPF20-1	PPF20-1	PPF20-1	PPF20-1
	Volume(m3/h)	950	1600	2200	2500
	H.P.	0.25	1.5	0.75	1
	Speed(rpm)	1450	2900	1450	1450
	Electricity	220 V / 50Hz			
	Diameter(mm)	200	200	250	250
	d BA	57	70	66	65