



QUALITY CLEAN EQUIPMENT®

QCE



Fume Hood

A Fume Hood Cabinet, also known as a fume cupboard, fume closet or a fume hood, is an extraction system used for capturing and removing toxic and dust, fumes, aerosol and vapours to minimize exposure to a safe level. It is most commonly found in laboratories, where such substances are handled.



FUME HOOD



Description - FUME HOOD

| | |
|---------------------------------------|--|
| Type of Design & Air Flow | Aerodynamic, Dynamic Bypass Type |
| Construction Exterior | 20 Guage (1.mm thick) for body, 20 guage (1.mm thick) for pillar and base body heavy duty, Durable G.I' with rigid structure ,corrosion & abrasion resistant epoxy powder coating . Specially designed inlet opening for air to enter from outside lab atmosphere |
| Construction Interior | Working chamber with easily cleanable 'Phenolic Resin Laminates' (6mm thick) & Smooth Finish. Chemical & Heat Resistant. |
| 3 Point Suction System | Fixed Baffel with 3 point suction arrangement with light, heavy and normal fumes ensuring smooth airflow patterns. it is factory tuned for optimal airflow charecterstics. |
| Low Profile Airofoil | It's sergonimiacally designed to provide obstruction free access tio the hood interior. Aerodynamic, SS make Aerofoil mounted on the front of the work top to direct airflow, smoothly through work top to 3 point suction baffel system. Sash can be rest on Aerofoil when completly closed . |
| Apoxy Coatedgrid | Grids attached to the baffel, for supporting and clamping purpose of instruments. |
| Worktop & Sink Arrangement | Chemical resistant splash & spillage proof dished 'Jet black granite' worktop (19 to 20 mm). PP cup sink with capsule designed is flush mounted on worktop |



Description - FUME HOOD

| | |
|--------------------------------|---|
| Utility Service Fitting | Total 3 Nos. forged brass valve body & outlet with 'Hi Grade Polyethylene' plumbing and remotely operated knobs as per international colour coding (DIN 12920 standard). 1 Water (L) 2. Compressed air 3. N2 |
| Construction Exterior | 20 Guage (1.mm thick) for body, 20 guage (1.mm thick) for pillar and base body heavy duty, Durable G.I' with rigid structure ,corrosion & abrasion resistant epoxy powder coating . Specially designed inlet opening for air to enter from outside lab atmosphere |
| Sash (Shutter) | 'Vertical' sash with toughened glass sash (5mm thick) with pulley and counter balance arrangement for smooth and light sash operation. |
| Lighting | LED Light with vapour proof light fitting for proper illumination Intensity approx 400 Lux at worktop level 1 No. |
| Electrical Utilities | 4 nos. Electrical Sockets 'Northwest' or "Roma"make (230V,5/15A,50Hz), 4 Nos. "Northwest" make MCBs and light switch on front fascia |
| Temperature Indicator | Temperature sensor with probe and 1m length wire, with digital indicator fitted at Fumehood Pillar. Temperature Range (1-100 Celcius) (Optional) |
| Cable Entering Port | For easy access of cables from Fume Hood to electrical Sockets, Port is provided |
| Blower Starter | Inbuild Blower starter, will be provided by us to make opertaion smoother, seprate switch button will be provided on the front side for operationg it. |



Documentation

All necessary documents will be provided as per the latest prevailing standards.

