



Designers and manufacturers of standard and special purpose fume cupboards and fume extraction systems, including upgrading, COSHH surveys and reports.

## **DATA SHEET. MHS**



## **MAIN FEATURES**

**Semi mobile fume cupboard**

**Top panel house duct outlet and twin fluorescent luminaries**

**High level air by-pass inlet**

**Epoxy coated m/steel frame**

**Toughened glass back, end panels and frameless sash for vision. Cupboards installed in island or peninsular situations have clear glass back and baffles for all round vision.**

**Sash lock at working height. 400mm standard**

**Epoxy work base**

**Frame on Heavy-duty castors**

**Standard colours; grey, white. Non stock colours to order.**

## **OPTIONAL EXTRAS**

**Airflow alarm panel**

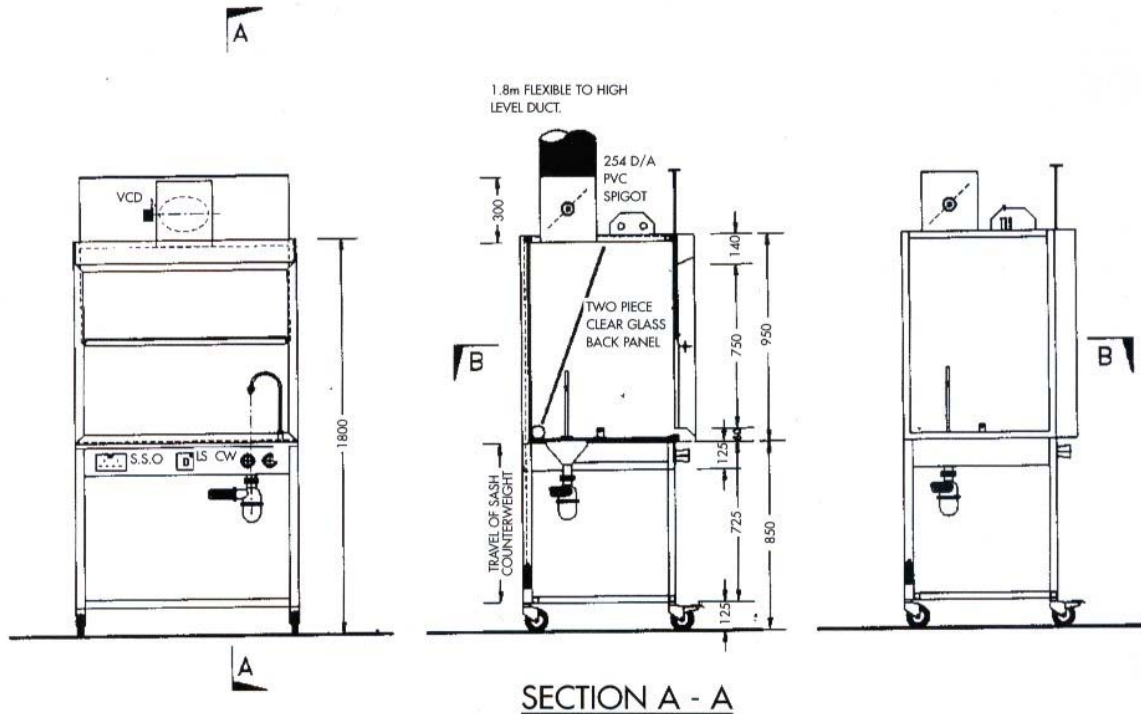
**Sash high alarm panel**

## **MANUFACTURED TO DfEE BUILDING BULLETIN 88. FOR USE IN EDUCATION**

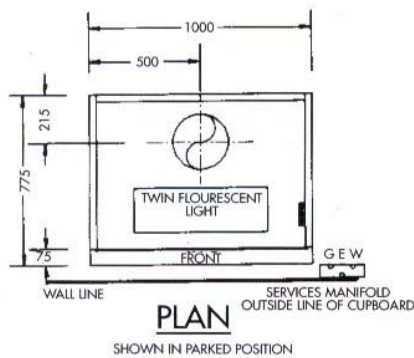
**MODEL: MHS/10 – 1000mm wide x 775mm deep x 1200mm/1800mm high O/A**

**Full specification on reverse side. Non standards can be accommodated.**

**Installation service available includes; FCD extract system, plumbing, and wiring and associated builder's work, carried out by our own engineers.**

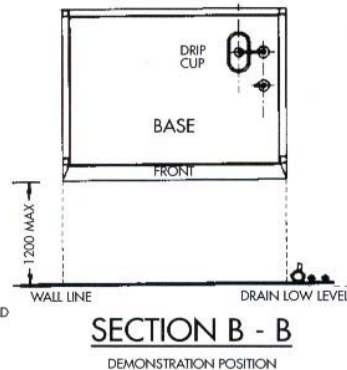


SECTION A - A



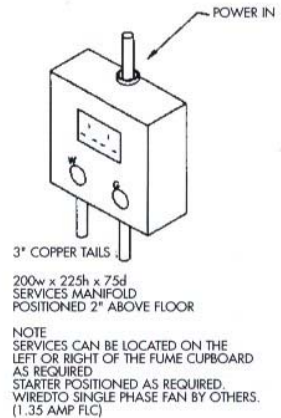
PLAN

SHOWN IN PARKED POSITION



SECTION B - B

DEMONSTRATION POSITION



3" COPPER TAILS  
200w x 225h x 75d  
SERVICES MANIFOLD  
POSITIONED 2" ABOVE FLOOR

NOTE  
SERVICES CAN BE LOCATED ON THE  
LEFT OR RIGHT OF THE FUME CUPBOARD  
AS REQUIRED  
STARTER POSITIONED AS REQUIRED.  
WIRED TO SINGLE PHASE FAN BY OTHERS.  
(1.35 AMP FLC)

- EXTERIOR** Epoxy coated framework with shaped front fascia having secondary air inlet above sash and low level air inlet sill
- INTERIOR** 6mm clear toughed glass for all round vision, silicone sealed joints with 2 piece removable t/glass baffles
- WORKBASE** Dished solid epoxy resin with 497 drip cup cut out
- SASH** 6mm frameless toughen glass hung on stainless cables over nylon ball raced pulleys with a single counter balanced weight. Sash fitted with full length profiled handle with rise set to stop @ 400mm working length
- SERVICES**
- 1no. panel mounted valve with cold water swan neck outlet
  - 1no. panel mounted safety gas valve with bench outlet
  - 1no. 497 oval vulcathene drip cup
  - 1no. twin 13 amp switched socket outlet
  - 1no. switched fused spur for 2ft twin fluorescent luminaire
- Gas & Water flexible pipes 1.8m long terminated with a plug in baonent fitting to connect to a service manifold positioned 2m off the floor
- Electrical fittings wired to flexible lead 1.8m long to terminate with a 3 pin plug to connect to the service manifold
- Trapped drip cup waste terminates with a 38mm vulcathene pipe with a flexible waste pipe for connection to a drain point
- Duct outlet 1.8m long x 254mm dia. Flexible pvc ducting connected to a suitable system
- Separate circuit required for fan control having means of isolation at cupboard and at fan motor
- INSTALLATION SERVICES AVAILABLE** Extract system, plumbing, control wiring, air make up systems and associated building works

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