

# Academia

## Fume Cupboard Specification

\ Side Viewing Panels

\ Aerodynamic Design

\ By-Pass Grille

- Powder coated frame work
- Powder coated support stand with services panel 16mm
- Trespa work base
- 6mm Trespa baffles ( easy removal )
- 6mm Toughened glass sides and front sash for 360 deg viewing
- Counter balanced front sash with aerodynamic handle
- Air By-Pass Grille
- Sash stops at 400mm and 25mm
- 55W fluorescent low energy illumination
- Cold water tap and front control valve
- 100mm dia Vulcathene drip cup c/w bottle trap
- Gas tap and front control valve
- Double switched 13Amp socket outlet
- Light switch
- Low Airflow Alarm Panel



## Academia Fume Cupboards for Schools

The Academia fume cupboard is suitable for educational establishments, schools and colleges.

The fume cupboard offers teaching staff and students a safe, practical and economical solution to practical sciences.

Compliant with Building Bulletin 88 (Rev G9).

Tested by CLEAPSS.

# Academia

Designed and manufactured in accordance with Energy Efficient Design and Operation of Fume Cupboards Guide 320.

Meets BREAMM Hea 17 and Ene 11 compliance.

Please note a suitable extraction system will be required in order for the fume cupboard to operate correctly, the extract system should be designed and installed to meet the requirements of D.W. 154 and Building Bulletin 88

Inspection schedule complies with BS7258 and COSHH (Reg 7 & 9).

The completed test results are presented to the client.

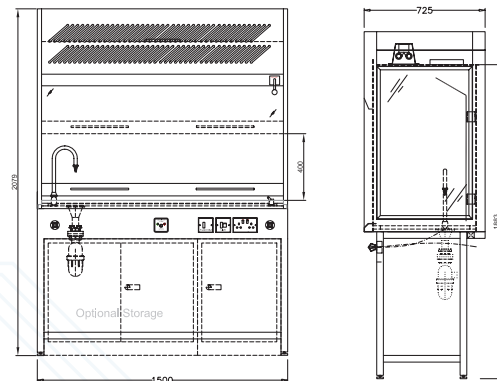
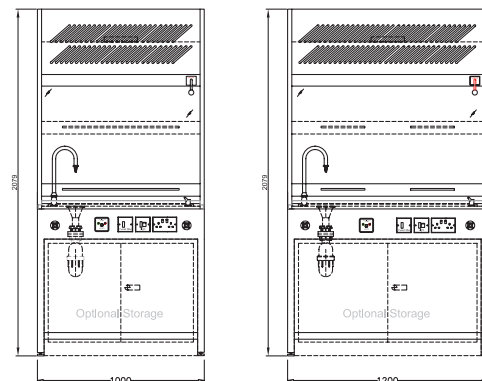
## Optional Items

- Cast epoxy resin work surface
- Stainless steel work surface
- Sinks
- Integral storage cabinet with double lockable doors
- Ventilation to storage cabinet
- PVC Extraction System

## Model Types

- Academia Fixed Position ( Standard )
- Academia D.D.A. compliant on adjustable height support stand
- Academia Semi Mobile with rear vision panel

<b>Standard Widths</b>	1000mm	1200mm	1500mm
<b>Sash Width</b>	950mm	1150mm	1450mm
<b>Sash Height</b>	400mm	400mm	400mm
<b>Take Off Diameter</b>	200mm	200mm	200mm
<b>Centre from back</b>	200mm	200mm	200mm
<b>Volume of Air Extracted</b>	0.152m <sup>3</sup> /sec 547m <sup>3</sup> /hour	0.184m <sup>3</sup> /sec 662m <sup>3</sup> /hour	0.232m <sup>3</sup> /sec 835m <sup>3</sup> /hour
<b>Pa Loss</b>	60	60	60
<b>Weight</b>	175kg	185kg	200kg
<b>External Dimensions</b>	2000mm(H) x 725mm(D)	2000mm(H) x 725mm(D)	2000mm(H) x 725mm(D)
<b>Internal Dimensions</b>	chamber height 1000mm working depth 650mm	chamber height 1000mm working depth 650mm	chamber height 1000mm working depth 650mm
<b>Service Connections</b>			
Water and Gas	10mm copper tails	10mm copper tails	10mm copper tails
Drainage	1 1/2" Vulcathene	1 1/2" Vulcathene	1 1/2" Vulcathene
Power Requirements	230V / 10A	230V / 10A	230V / 10A



## Fume Cupboard Inspection, Service & Maintenance

Fume cupboards must be inspected at least every 14 months, or earlier depending on the usage. Our engineers will carry out routine maintenance and service on a complete fume cupboard system, an inspection of all mechanical and electrical components will be made together with face velocity readings.