

# Modulab

Chemical Resistant Laboratory Equipment



Chemical Resistant Scholastic Fume Cupboards



Modulab's ACADEMIA+ Range of fume cupboards are specially designed for schools and other academic institutions. Modulab's ACADEMIA+ are specialized island units that give a 360° view of the work area making it perfect for class activities. Double access doors also give users increased usability. The range is made up of three different size models. All fume cupboards in this range are made from light weight, chemical resistant Polypropylene therefore little to no degradation is caused by chemical fumes and spills. All fume cupboards are available with the option of a pre-fitted, built-in extraction fan and/or filter cartridge making installation quick and simple. Simply place the unit in desired position, feed the flexible discharge ducting through an open window or pre-cut hole in the wall, plug the unit into a power socket and you are ready to immerse yourself in the wonder of science. Customers may purchase the fume cupboard module without the double-sided storage cabinets should they wish to mount the unit on an existing counter or frame.

Models	Academia 800	Academia 1000	Academia 1200
M.O.C - Fume Cupboard:	Polypropylene (PP-H)	Polypropylene (PP-H)	Polypropylene (PP-H)
M.O.C - Storage Cabinet:	PVC-F	PVC-F	PVC-F
Outer Width:	800 mm (80 cm)	1000 mm (100 cm)	1200 mm (120 cm)
Outer Depth:	750 mm (75 cm)	750 mm (75 cm)	750 mm (75 cm)
Outer Height (Fume Cupboard Only):	1735 mm (160 cm)	1735 mm (160 cm)	1735 mm (160 cm)
Outer Height (Full Assembly):	2525 mm (240 cm)	2525 mm (240 cm)	2525 mm (240 cm)
Opening Width (2 Sides):	700 mm (70 cm)	900 mm (90 cm)	1100 mm (110 cm)
Opening Height (2 Sides) – Closed Sash:	220 mm (22 cm)	220 mm (22 cm)	220 mm (22 cm)
Opening Height (2 Sides) – Open Sash:	570 mm (57 cm)	570mm (57cm)	570mm (57cm)
Extraction Rate:	200 m3/hr.	350 m3/hr.	600 m3/hr.
Face Velocity:	0.35 m/s	0.35 m/s	0.3 m/s
Voltage:	240 VAC - Single Phase	240 VAC – Single Phase	240 VAC – Single Phase
Weight (Fume Cupboard Only):	65 kg	80 kg	95 kg
Weight (Full Assembly):	80 kg	100 kg	120 kg
Sash Type:	2 x Sliding Sash	2 x Sliding Sash	2 x Sliding Sash
Fan Type (Optional Extra):	Built-in Centrifugal	Built-in Centrifugal	Built-in Centrifugal
Chemical Filter (Optional Extra):	Chem-Control (450hr)	Chem-Control (450hr)	Chem-Control (450hr)
Outlet Ducting Size:	Ø160 mm (Ø16 cm)	Ø200 mm (Ø20 cm)	Ø200 mm (Ø20 cm)

Utilities:	Standard	Optional
2 x Power Socket	✓	
Cold Water		✓
Drip Cup		✓
2 x LED Light	✓	
Cold + Hot Water		✓
LPG, Vac, Nit etc.		✓
Built-in Ex. Fan:		✓
Chem. Filter:		✓

## Similar Products by Modulab:



THRU-FLOW Range  
General Purpose  
Laboratory Fume Cupboards



Academia Range  
Scholastic  
Fume Cupboards

ACADEMIA+ Range