

Modulab

Chemical Resistant Laboratory Equipment



Modulab's INTE-FLOW Range of fume cupboards are specialist acid fume cupboards manufactured with integrated fume scrubbers. The integrated scrubber alleviates the need for separate, large and costly abatement systems down line. 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. Special attention has been paid to ensure the best compact and ergonomic design possible. All integrated scrubbers will remove more than 98% of acid contaminants from the air stream. All scrubber functions are automated and run by a PLC. These automated functions include, sump level control and PH adjustment. All powered items are controlled via a touch screen panel (HMI) giving the operator ease of access to all electrical functions and alarms. A variety of add-ons and utilities are available for this range (see table below). Stand alone extraction fans and rigid thermo-plastic ducting for remote fan installations are also available for this range. The modular design of these fume cupboards makes installation quick and simple. Modulab, immerse yourself in Science!

INTE-FLOW Range

Models	INTE-FLOW 1500	INTE-FLOW 1800	INTE-FLOW 2100
M.O.C - Fume Cupboard and Scrubber:	Polypropylene (PP-H)	Polypropylene (PP-H)	Polypropylene (PP-H)
M.O.C - Storage Cabinet:	PVC-F	PVC-F	PVC-F
Outer Width:	2300 mm (230 cm)	2500 mm (250 cm)	2800 mm (280 cm)
Outer Depth:	780 mm (78 cm)	780 mm (78 cm)	780 mm (78 cm)
Outer Height (Full Assembly):	2600 mm (260 cm)	2600 mm (260 cm)	2600 mm (260 cm)
Inner Cupboard Width:	1200 mm (120 cm)	1500 mm (150 cm)	1800 mm (180 cm)
Inner Cupboard Depth:	630 mm (63 cm)	630 mm (63 cm)	630 mm (63 cm)
Inner Cupboard Height:	980 mm (98 cm)	980 mm (98 cm)	980 mm (98 cm)
Opening Width:	1200 mm (120 cm)	1500 mm (150 cm)	1800 mm (180 cm)
Opening Height – Open Sash:	600 mm (60 cm)	600 mm (60 cm)	600 mm (60 cm)
Voltage:	240 VAC Single Phase	240 VAC Single Phase	240 VAC Single Phase
Weight:	120 kg	140 kg	165 kg
Sash Type:	Sliding Sash	Sliding Sash	Sliding Sash
Outlet Ducting Size:	Ø225mm (Ø22cm)	Ø250mm (Ø25cm)	Ø315mm (Ø31.5cm)

Utilities:	Standard	Optional
Power Socket	✓	
LED Light	✓	
Cold Water		✓
Hot Water		✓
LPG, Nit, Vac etc.		✓
Auto Damper		✓
Drip Cup		✓
Sink		✓
Automated Sash		✓
CIP Function		✓
Air Flow Monitor		✓

Similar Products by Modulab:



Academia Range
Scholastic
Fume Cupboards



THRU-FLOW Range
General Purpose
Laboratory Fume Cupboards