

Dynaflow WALKIN Fume Cupboards

Company Profile

Dynaflow is an Australian based company specialising in laboratory fume risk control. We design, manufacture, install, and maintain fume cupboards, fume scrubbers, and specialised ventilation systems for laboratory applications.



Dynaflow fume cupboards are fully compliant to AS/NZS 2243.8 standard and is the only Australian fume cupboard with Third Party Product Certification by SAI Global.



Our company has Third Party Accreditation with NATA.



Our company has Third Party Accreditation with SAI Global for ISO9001 Quality Management Systems.

We have a strong network of support with offices in Sydney, Melbourne, Adelaide, Perth and distributors in various regions of the world. With over 30 years of product history in Australia and over 40 countries around the world, we have completed thousands of Special Application projects in key industries spanning Research, Teaching, Mining, Refinery and Pharmaceutical.

“Nothing Left to Chance”



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CONTACT



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Application

- Suitable for **tall apparatus** chemistry application in education, research, mining and various other laboratories

Product Data

- Full Compliance to AS2243.8
- Available with or without base for easy access with trolley and equipment
- Available in 1200, 1500, 1800, 2000 and 2400 mm wide sizes
- Body construction of double skin fire retardant GRP which is a market tested material for chemical, temperature and humidity resistance
- Dynasafe MK-5 Control Panel with 41 built-in functions
- Available in double vertical sashes or with white laminate doors

Range of Dynaflow Products and Services

- Dynaflow SCH / DSCH Fume Cupboards (AS2243.8)
- Dynaflow GRP Fume Cupboards (AS2243.8)
- Dynaflow Recirculating Fume Cupboards (AS2243.9)
- Dynaflow WALKIN Fume Cupboards (AS2243.8)
- Dynaflow Fume Scrubbers and Exhaust Systems
- Dynaflow Explosion-Resistant Fume Cupboards (AS2243.8)
- Dynaflow Disabled Access Fume Cupboards (AS2243.8)
- Slotted Wall Hood and Fixed Hood Exhaust Systems
- Dynawaste Acid Neutralising Waste Systems
- Managed service contracts, web based compliance viewer and user training in correct use of fume cupboard systems
- Safety compliance upgrades on existing fume cupboard systems
- Energy conservation features and upgrades on fume cupboard systems
- Laboratory Extraction Arms (third party supplier)
- Storage cabinets complete with ducted vent systems

Dynaflow WALKIN Fume Cupboards

Model	Dynaflow 1200WIN	Dynaflow 1500WIN	Dynaflow 1800WIN	Dynaflow 2000WIN	Dynaflow 2400WIN
External Sizes (mm)	1200 x 890 x 2435	1500 x 890 x 2435	1800 x 890 x 2435	2000 x 890 x 2435	2400 x 890 x 2435
Design Face velocity	0.5 meters / sec				
Maximum Air Qty at Design velocity	311 Litres / Sec	405 Litres / Sec	498 Litres / Sec	561 Litres / Sec	685 Litres / Sec
Variable Volume (Top sash Fully Open)	311 Litres / Sec	405 Litres / Sec	498 Litres / Sec	561 Litres / Sec	685 Litres / Sec
	(Bottom sash or laminate doors fully closed)				
Variable Volume (Top sash Open 250 mm – working height)	124 Litres / Sec	162 Litres / Sec	200 Litres / Sec	224 Litres / Sec	274 Litres / Sec
	(Bottom sash or laminate doors fully closed)				
Variable Volume (Top sash Fully Closed)	120 Litres / Sec	152 Litres / Sec	186 Litres / Sec	210 Litres / Sec	256 Litres / Sec
	(Bottom sash or laminate doors fully closed)				
Base Material (100–150 mm high)	High Pressure Laminate LABOLAM® (Std) – Optional TRESPA®, Stainless Steel, Epoxy, Ceramic or without base				
Available Work Area (mm)	1000 x 580	1300 x 580	1600 x 580	1800 x 580	2200 x 580
Construction Design	Double Skin Type				
Chamber Material	One Piece Moulded GRP (Std) – Optional Stainless Steel				
Aerodynamic Front Facia Material	One Piece Moulded GRP Aerodynamic Design				
Sash Material	Double 6 mm Toughened Glass or single 6 mm Toughened Glass with white laminate finished doors				
Recommended Duct Outlet Size (mm)	250ø	315ø	315ø	315ø	350ø
Operator Control Panel	Dynasafe MK-5 Control System				
Internal Pre-wiring	Fully Pre-wired				
Power Supplies	240V Single Phase (Std) – Optional as necessary for various countries				
Energy Saving Option	Variable air volume				
Services Options					
Extra Sinks in sump (mm)	100ø or 150ø port sink (suspended on side)				
Water Services	Cold Water, Hot Water, RO Water, Mixer, Chiller				
Dry Services	Town Gas, Nitrogen, Compressed Air, Vacuum, Argon and various others available				
Power Points	10 Amp Double, 15 Amp Single and Other special types available				

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