



## Dynaflow SCH / DSCH Fume Cupboards

Revision: 19<sup>th</sup> April 2023

### 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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Dynaflow Pty Ltd ABN 28 008 493 178

### Application

- Suitable for SCHOOLS Science laboratories
- Double sided model is ideal for locations between Prep room and Classroom
- Also suitable for light chemistry process laboratories

### Product Data

- Full Compliance to AS2243.8
- Available in **Single Sided** or **Double Sided**
- Available in 1000, 1200, 1500, 1800 mm wide sizes
- Body construction is white powder coated steel
- Single one-piece High-Pressure Laminates worktop
- *Dynasafe MK-5 Control Panel and mimic panel for Double Sided option*

### 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*

### CONTACT

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## Dynaflow SCH / DSCH Fume Cupboards

Model	Dynaflow 1000SCH / DSCH	Dynaflow 1200SCH / DSCH	Dynaflow 1500SCH / DSCH	Dynaflow 1800SCH / DSCH
External Sizes (mm)	1000 x 750 x 1550	1200 x 750 x 1550	1500 x 750 x 1550	1800 x 750 x 1550
Design Face velocity	0.5 meters /sec			
Maximum Air Qty at Design velocity	232 Litres / Sec	286 Litres / Sec	368 Litres / Sec	450 Litres / Sec
Variable Volume (Sash Fully open)	232 Litres / Sec	286 Litres / Sec	368 Litres / Sec	450 Litres / Sec
Variable Volume (Sash Open 250mm – Working height)	107 Litres / Sec	132 Litres / Sec	171 Litres / Sec	207 Litres / Sec
Variable Volume (Sash Fully closed)	45 Litres / Sec	55 Litres / Sec	70 Litres / Sec	95 Litres / Sec
Worktop Material	High Pressure Laminate – Optional Trespa®, Stainless Steel			
Available Work Area (mm)	880 x 690	1080 x 690	1380 x 690	1680 x 690
Construction Design	Single skin type			
Chamber Material	White powder coated steel			
Aerodynamic Front Facia Material	White powder coated steel			
Sash Material	6mm Toughened Glass			
Recommended Duct Outlet Size (mm)	250ø	250ø	315ø	315ø
Operator Control Panel	Dynasafe MK-5 Control System (plus mimic panel for Double-Sided systems)			
Internal Pre-wiring	Fully Pre-wired			
Power Supplies	240V Single Phase (Std) – Optional as necessary for various countries			
<b>Services options (Double-Sided fume cupboards have dual controls)</b>				
Extra Sinks in worktop	100Ø or 150 Ø Pot sink RHS/LHS or Both (other sizes available)			
Water Services	Cold water, Hot water, RO water, Mixer			
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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