



## Company Profile

Labsafe is an Australian company specialising in creating safe laboratory working environment. We design, manufacture, install, and maintain fume cupboards, scrubbers, and specialised ventilation systems for laboratory applications.

Our single-sided academic fume cupboards are constructed from UV-resistant PVC and designed to maximise the viewing points of the fume cupboard workspace. They are fully compliant with Australian standards AS/NZS 2243.8.

Our fume cupboards have one of the most reliable control systems on the market. They are also the only fume cupboards in Australia with a 5-year warranty on all the Fume Cupboard control gear.

William, the company's owner, has been manufacturing, designing and installing Fume Cupboards for over 5 years. Please see below for some of our most recently completed work.

“Prioritizing quality in everything we do”

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Labsafe Systems Pty Ltd (Labsafe) ABN  
45 681 410 864

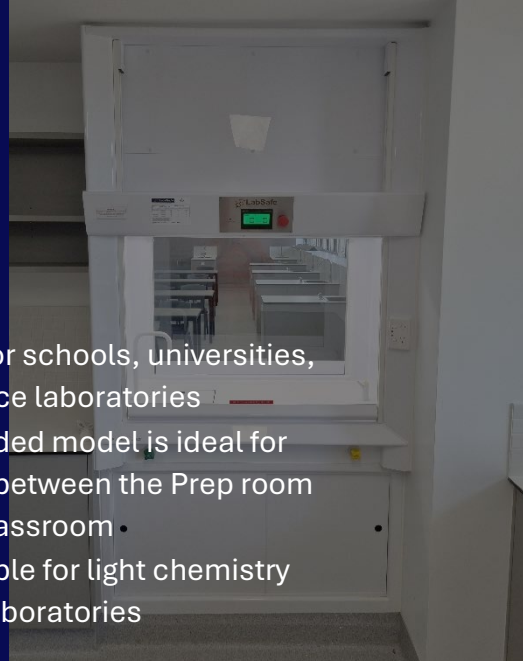
## Contract



Brisbane office 4/27 Brewer St, Clontarf QLD 4019  
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Tel: (+61) 0481 389 996  
Email: [info@labsafe.com.au](mailto:info@labsafe.com.au)

## Application

- Suitable for schools, universities, and Science laboratories
- Double-sided model is ideal for locations between the Prep room and the 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 of white uPVC with clear PVC or toughened glass viewing panels.
- Single one-piece High-Pressure Laminates worktop (Laminex® or Trespa®)
- Fail safe Control panel consisting of
  - Mitsubishi 3.8" HMI touch screen
  - Industrial grade Mitsubishi PLC module
  - Emergency stop for isolation of Gas and GPOS
  - Power fail alarm and LED indicator
  - 5 years warranty on all the Fume Cupboard Control gear

## Labsafe Single-sided (SS) or Double-sided (DS) Fume Cupboards specifications

Model	Labsafe 1000 SS/DS	Labsafe 1200 SS/DS	Labsafe 1500 SS/DS	Labsafe 1800 SS/DS
Single-sided (SS) External Sizes (mm)	1000 x 840 x 1600	1200 x 840 x 1600	1500 x 840 x 1600	1800 x 840 x 1600
Double-sided (DS) External Sizes (mm)	1000 x 915 x 1600	1200 x 915 x 1600	1500 x 915 x 1600	1800 x 915 x 1600
All fume cupboard sizes and accessories can be customized				
Design Face velocity	300 Litres / Sec	390 Litres / Sec	500 Litres / Sec	625 Litres / Sec
Variable Volume (sash fully open)	280 Litres / Sec	390 Litres / Sec	500 Litres / Sec	625 Litres / Sec
Variable Volume sash open 250mm- working height)	110 Litres / Sec	140 Litres / Sec	180 Litres / Sec	220 Litres / Sec
Variable volume (sash fully closed)	50 Litres / Sec	60 Litres / Sec	70 Litres / Sec	80 Litres / Sec
Worksurface material	Single one-piece High-Pressure Laminates worktop (Laminex® or Trespa®)			
Construction	White UV-PVC			
Sash material	6 mm Toughened Glass			
Recommended Dusting outlet size (mm)	250ø	250ø	315ø	315ø
Control Panel	Labsafe “fail safe” Mitsubishi HMI/PLC touchscreen control panel.			
Power supply requirements	Fume cupboards require two 10 Amp supply feeds — one for the fume cupboard control board and one for the GPO feed. Our fume cupboards are all pre-wired.			
Power requirement from the fume to the exhaust fan	Our fume cupboard fans are operated from a Variable speed drive (VSD) single in 240V and 3-phase out. A shielded 3-core and earth cable is required from the top of the fume cupboard to the exhaust fan isolator. Both fan and fume cupboards are pre-wired.			
Water Services	Cold water, Hot Water, RO Water, Mixer			
Dry Services	Town Gas, Nitrogen, Compressed Air, Vacuum, Argon and various others available			
PowerPoint (GPOS)	10 Amp Double, 15 Amp Single, and Other special types available			
Warranty	5 Years warranty on the fume cupboard control gear (see terms and conditions)			

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## Recently Completed Jobs

### Murwillumbah State High School refurbishment

Two Double-sided fume cupboards and two chemical room extraction systems. Completed in 2025.



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## Goulburn State High School replacement Fume Cupboard

New Single-sided Fume Cupboard Completed in 2025



## Pine Rivers State High School chemical storage upgrade



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