

Bituminous Testing Fume Cupboard

Labrocare® 'R'

The Labrocare® 'R' is designed specifically for roading and asphaltting contractors using strong solvents. It provides excellent levels of protection and containment against hazardous chemicals at high temperatures. Certified to the ASNZS2243.8 fume cupboard standard.

Key Features

- ▶ Reinforced 316 Stainless Steel inner carcass can hold the weight of centrifuges and other heavy equipment.
- ▶ The reinforced work surface is hardy and provides excellent resistance to strong solvents and high temperatures.
- ▶ Efficient extraction system effectively removes strong solvent fumes from the work area.
- ▶ 316 stainless Steel working area is easy to clean and can withstand solvents from bituminous testing.
- ▶ The intelligently designed Advanced Air® fume cupboard controller provides broad operational functionality with the necessary outputs to meet most laboratory demands. CAV or VAV options.
- ▶ The proprietary aluminum fascia offers excellent airflow dynamics with additional base beam protection against spills.
- ▶ The rear baffle design offers the opportunity for a fixed scaffold system improving work surface availability.
- ▶ The split sash door system allows for full sash opening where restricted ceiling height applies.
- ▶ Sash is made from 5mm toughened safety glass.
- ▶ The Advanced Air® 'Wet Fume Scrubber' either fume cupboard mounted or stand-alone (roof/ground) options are available. We recommend CAV controllers when installing a 'Wet Fume Scrubber'.



Specifications

Labrocare® 'R (CAV) Fume Cupboards

Sizes	1200mm	1500mm	1800mm	2000mm	2400mm
Overall Height	1380mm	1380mm	1380mm	1380mm	1380mm
Overall Depth	750mm	750mm	750mm	750mm	750mm
Internal Height	1170mm	1170mm	1170mm	1170mm	1170mm
Internal Depth of Work Top	583mm	583mm	583mm	583mm	583mm
Design Face Velocity	0.5 metres/second				

Fixed Volume Flow Rate: (Model Labrocare®)	265 Litres/sec.	340 Litres/sec.	415 Litres/sec.	465 Litres/sec.	565 Litres/sec.
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Work Surface Options	316 Stainless Steel (Compact Laminate or Glass Overlay optional)				
Available Work Area	969mm x 538mm	1269mm x 538mm	1569mm x 538mm	1769mm x 538mm	2169 x 538mm
Construction Design	Inner Lining 316 Stainless Steel, Fascia Proprietary Extruded Aluminium, Additional Base Beam Cover Protection Against Spills, Column Mounted Services, uPVC/PP Outer Panels				
Sash Material	5mm Toughened Glass – Smooth Split System				
Power	230v Single Phase – Standard				
Services options	GPO's , Water, DI Water, Gas, Nitrogen, CA, Vacuum, Argon etc, PP Sinks Range, etc Pre Plumbed				
Optional Wet Scrubber	Fume cupboard mounted or stand alone for specialist applications				

Note: Labrocare®'s fixed-volume system is appropriate when wet fume scrubbers are specified.

Options

- ▶ Steel powder-coated under-bench frame – locates work surface at standard 900mm bench height.
- ▶ Scaffold System, adjustable stainless steel rods with polypropylene connectors.
- ▶ Electrical, plumbing, and gas services can be added as specified.
- ▶ Chemical storage cabinets.
- ▶ Advanced Air® Fume scrubbers.
- ▶ Brinkmann® or Colasit® CMVeco PP Extraction Fans.
- ▶ Customised Fume Cupboards Sizes Available – Including Walk-in type.
- ▶ Manifolded Fume Cupboard Extraction technology.
- ▶ Custom widths and depths to suit larger equipment.
- ▶ 316 Stainless Steel base beam cover.
- ▶ Stainless steel solvent pump (Atex rated, air powered) with fume cupboard control and outlet.