

Superb Containment, Excellent Capacity



Monmouth

Circulaire

Filtration Fume Cabinets

Easy to install and reliable offering full COSHH compliance

COSHH COMPLIANCE

The new [Circulaire](#) range of filtration fume cupboards incorporates the latest in containment technology to provide full compliance with COSHH regulations.

The [Circulaire](#) cabinets are available in 5 different widths, 650mm, 800mm, 900mm, 1100mm & 1400mm. A bespoke design service is also available should you like something a little out of the ordinary.

UN-COMPROMISED SAFETY

Monmouth Scientific believe that you should not compromise on safety. That is why every bench mounted cabinet is supplied with 115mm deep carbon filter beds – the deepest of its type. All cabinets have a low-airflow warning system with visual and audible alarms, whilst the [Circulaire](#) 800, 1100 & 1400 are also fitted with a full electronic filter and airflow monitoring system, complete with continuously displayed digital airspeed readout and constant automatic airflow adjustment for optimal containment and filter life.

All cabinets can be fitted with a wide range of filters to suit any applications thus fully meeting the requirements of international standards. See the rear cover for typical filter applications or contact Monmouth Scientific to discuss your particular application.

Five good reasons for choosing a Monmouth [Circulaire](#) filtration fume cabinet...

- No installation costs – Simply place the cabinet on a bench (or optional stand) and plug in to a standard electrical supply.
- Energy efficient operation – Recirculatory airflow eliminates the need for laboratory make-up air and integration into ventilation system controls.
- Continuous airflow monitoring – Integral electronic airflow and carbon filter monitoring with automatic face velocity control for increased operator safety fitted as standard.
- Environmental benefits – Activated Carbon filters retain / neutralise pollutants eliminating harmful discharge to the environment.
- Adaptable – Cabinet may be easily re-positioned or filters changed to suit new requirements.

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Compact Bench Mounted Circulaire 650



With optional spillage tray

The Circulaire 650 footprint is only 600mm x 650mm so takes up minimal bench space, but has the carbon filter capacity of a much larger unit. The supplied 14kg deep bed carbon filter will be matched specifically to your application to ensure the best possible containment.

In addition to the compact footprint, the Circulaire 650 also boasts a large working aperture, integral low airflow alarm, low operating noise level, cable entry port and a unique carbon filter sealing mechanism with safe pre-filter change system.

The folding acrylic sash allows excellent access to the work area and overhead lighting ensures the work is well lit and easy to work in. Finally, the Circulaire 650 is manufactured from Epoxy coated Zintec steel to ensure years of uninterrupted service.

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Compact Bench Mounted Circulaire 650



Low airflow alarm



Control/alarm panel



Cable entry port

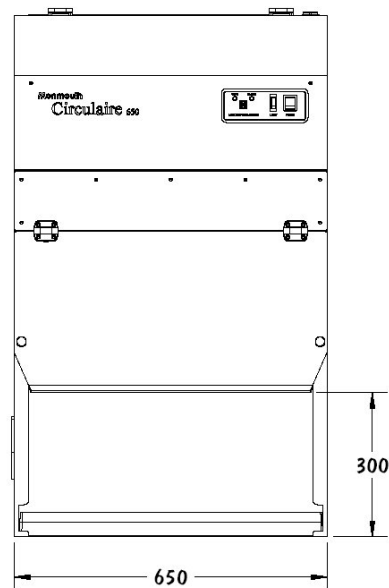
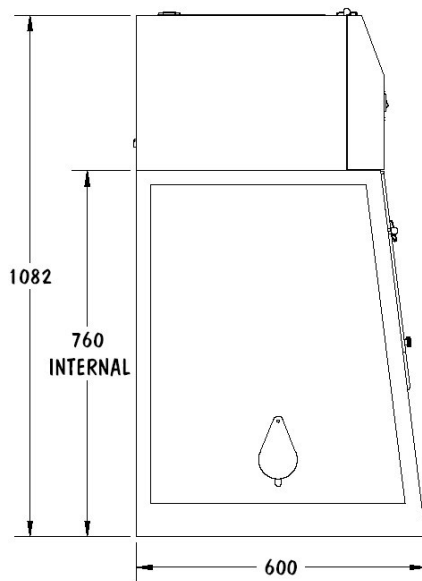


Optional deep lipped spillage tray

- Compact Design – just 650mm x 600mm
- 14kg Activated Carbon Filter (matched to your application)
- Integral low airflow alarm with audible and visual alarm
- Overhead lighting for maximum illumination of the working area
- Optional deep lipped spillage tray
- Side mounted cable entry port to allow safe use of electrical apparatus
- Safe and easy pre-filter change system
- Steel construction for years of uninterrupted use

Specifications:

External Dimensions mm (WxDxH):	650 x 600 x 1082
Internal Dimensions mm (WxDxH):	600 x 600 x 760
Working Aperture mm (WxH):	590 x 300
Face Velocity:	>0.5 m/sec
Airflow:	320 m ³ /hr
Filter Weight	14kg
Pre-Filter:	Filtrete
Internal Lighting:	18 watt fluorescent
Fan:	Centrifugal, Brushless & Sparkless
Noise Level:	<55 db(A)
Electrical Supply:	240v – 400watts
Construction:	Head: Epoxy Powder Coated Zintec Steel Base: Epoxy Powder Coated Zintec Steel frame with 6mm clear acrylic front and side panels
Options:	GRP Spillage Tray Base Stand



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NEW Bench Mounted Circulaire 900



The Circulaire 900 is a brand new addition to the popular Circulaire range of ductless fume cupboards.

The Circulaire 900 is 900mm wide and 600mm deep, making it ideal to sit directly on your worksurface. At 18kg, the filter is one of the largest in its class and will be matched specifically to your application to ensure the best possible containment. Filter types available are listed on the back page.

Like its smaller brother, the Circulaire 900 also boasts a large working aperture, integral low airflow alarm, low operating noise level, cable entry port and a unique carbon filter sealing mechanism with safe pre-filter change system.

The folding acrylic sash allows excellent access to the work area and overhead lighting ensures the work is well lit and easy to work in. Finally, the Circulaire 900 is manufactured from Epoxy coated Zintec steel to ensure years of uninterrupted service.

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