



**CIRCULAIRE®  
VLF650E  
LAMINAR  
FLOW  
CABINET**

**Monmouth<sup>+</sup>  
Scientific**

[www.monmouthscientific.co.uk](http://www.monmouthscientific.co.uk)

# VLF650E Compact Bench Mounted Vertical Laminar Flow Cabinet

The new Circulaire VLF650E Vertical Laminar Flow Cabinet is ideal when budgets are tight and space is limited. The unit's footprint is just 408mm deep x 669mm wide so will fit into most working environments.

The entire unit is designed and manufactured in the UK by our own engineers so you can be assured of the best quality and is covered under our superb industry-leading 5 year warranty.

The VLF650E head section is manufactured from epoxy powder coated zintec mild steel and is fitted with a recessed fluorescent strip light to illuminate the working area. In addition, the base section is manufactured from epoxy powder coated zintec steel frame, with 5mm clear acrylic panels to all sides to give maximum visibility of the working area.

The filtration system itself is comprehensive as you would expect from a Monmouth cabinet. Air is initially pulled through an easy-to-change, high-quality EU4 pre-filter to remove all gross particulate. All air then passes through the fan system, before being pushed through a HEPA filter which removes 99.997% of all particles >0.3 microns in size. This in turn gives a better than Class 100 (ISO 5) working environment.



## Specifications:

<b>External Dimensions:</b>	669mm (w) x 408mm (d) x 1103mm (h)
<b>Internal Dimensions:</b>	607mm (w) x 346mm (d) x 762mm (h)
<b>Basic Weight:</b>	32Kg approx
<b>Pre-Filter:</b>	98% efficient at 0.5 micron (Grade EU4)
<b>HEPA Filter:</b>	Rated at 99.997% efficient to 0.3 micron particulates. Filter seals under negative pressure to prevent leaks into the cabinet
<b>Laminar Airflow:</b>	0.35m/s. High performance low noise fans
<b>Electrical Requirements:</b>	230V / 50Hz AC – 400w
<b>Internal Lighting:</b>	Overhead fluorescent for maximum work surface illumination (>800lux)
<b>Noise Level:</b>	<55db(A)
<b>Construction:</b>	Epoxy coated Zintec mild steel cabinet to prevent corrosion. Optional 316- grade stainless steel work surface.

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

