

CIRCULAIRE® LAMINAR FLOW

Including Visionaire® Touchscreen



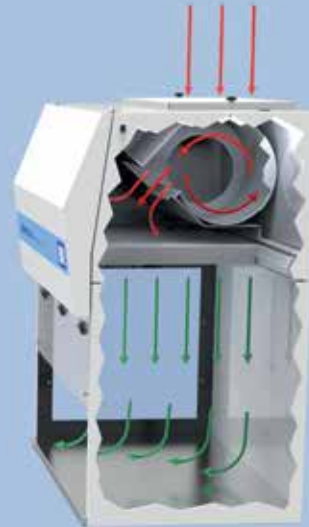
**Monmouth⁺
Scientific**

**THE MARKET LEADER IN
CLEAN AIR SOLUTIONS**

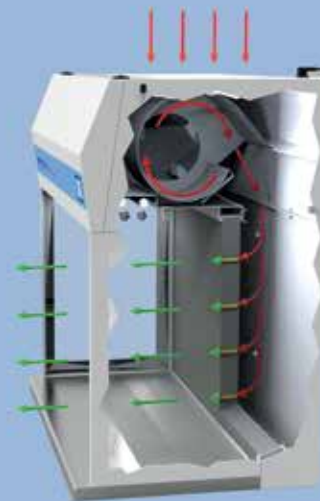


LAMINAR FLOW AIR FILTRATION

VERTICAL LAMINAR FLOW



HORIZONTAL LAMINAR FLOW



Laminar air flow can be described as an entire body of air flow with steady, uniform velocity.

Within a Laminar Flow Cabinet air is initially drawn through an easy-change, high-quality EU4 pre-filter to remove all gross particulate.

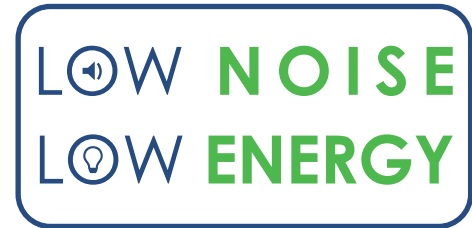
All air then passes through the fan system, before being pushed through a U15 ULPA filter which removes 99.9998% of all particles >0.12 μm in size. This in turn guarantees an ISO Class 4 (FED Class 10) particle free working environment and provide the best product protection.

The cabinet is enclosed on three sides and a constant positive air pressure is maintained to prevent the intrusion of any contaminated air.

FEATURES & BENEFITS

ENVIRONMENT IN MIND

All Monmouth products are designed to have both low noise levels and low energy consumption to help your company stay carbon neutral. LED Lighting and PIR Sensors further improve efficiency.



THE HIGHEST QUALITY

The cabinets conform fully to BS EN 14644-1 and offer clean air to ISO Class 4. British Manufactured U15 ULPA particulate filters are installed for the very best results.



5 YEAR WARRANTY

All Monmouth products are designed and manufactured in the UK, and are covered by our industry leading 5 year warranty.










VISIONAIRE® TOUCHSCREEN

Monmouth's revolutionary Visionaire® Touchscreens are designed to control & monitor all aspects of a product operation. The 7" Colour Screen alerts you if operating parameters are not being met.



Visionaire® offers;

-  **Automatic ECO Mode;** Lighting & display deactivated after a period of operator inactivity
-  **Airflow Monitoring;** Real-time Airflow readings in m/sec or ft/min
-  **Automatic Airflow Compensation;** Maintains air speeds to a predetermined level
-  **Audible and Visual Alarms;** Alerts operators should levels exceed specified limits
-  **Run-Time Indicators;** Fan Run-time, Cabinet Run-time and Service Interval
-  **PIN Code Access;** Engineer & Supervisor settings
-  **Cabinet Information;** Commissioning Date, Date of last & next service, Filter fitment dates, Cabinet serial number, Filter part numbers

HORIZONTAL LAMINAR FLOW

The Circulaire® HLF Cabinets conform fully to BS EN 14644-1 and offer clean air to ISO Class 4 (FED Class10). The cabinets use British Manufactured U15 ULPA (Ultra Low Penetration Air) particulate filters for the very best product protection.

FEATURES

- Visionaire® Touchscreen
- Automatic ECO-Mode*
- Easy Change Pre-Filters
- 316 Grade Stainless Steel Worksurface
- Zintec Powder Coated Steel Construction
- Maximum Visibility Clear Side Panels



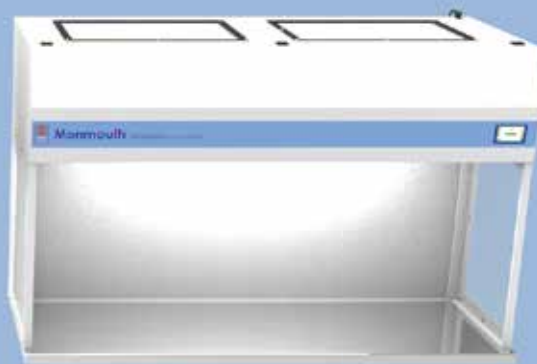
HLFT1200



HLFT1000



HLFT1500



HLFT1800

Specification

	HLFT1000	HLFT1200	HLFT1500	HLFT1800
External Dimensions (W x D x H)	1000mm x 721mm x 1166mm	1200mm x 721mm x 1166mm	1500mm x 721mm x 1166mm	1800mm x 721mm x 1166mm
Working Area (W x D x H)	984mm x 540mm x 715mm	1184mm x 540mm x 715mm	1484mm x 540mm x 715mm	1784mm x 540mm x 715mm
Air Cleanliness	>ISO Class 4 (Class10)			
Noise Level	Circa. 50db(A)	Circa. 52db(A)	Circa. 54db(A)	
Airflow	950m ³ /hr	1175m ³ /hr	1325m ³ /hr	1600m ³ /hr
Airflow Speed	>0.4m/s			
Power	65 watts	70 watts	80 watts	90 watts

*Can be Deactivated if preferred.



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

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.

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Please contact us if this literature doesn't answer all your questions.