CIRCULAIRE®
FILTRATION FUME
CUPBOARDS

Including Visionaire® Touchscreen

Monmouth Scientific

THE MARKET LEADER IN
CLEAN AIR SOLUTIONS

5 year warranty
*Terms & Conditions Apply

British Design & Manufacture

CARBON AIR FILTRATION

**RECIRCULATING
AIR FILTRATION**

**ULTRA
DEEP
CARBON
FILTERS**

The Circulaire® Filtration Fume Cabinets feature the very latest in air filtration technology.

Air is initially drawn in from the laboratory before passing through the Carbon and/or HEPA filters, removing all contaminated particles and recirculating clean air back in the working environment.
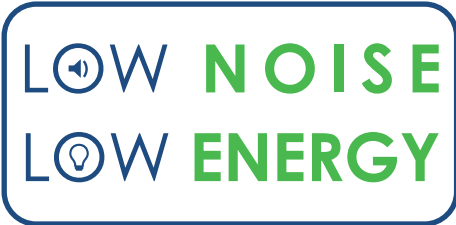
The solution is fitted with ultra-deep Activated Carbon filters to guarantee maximum fume filtration efficiency whilst PIN controlled supervisor settings and mutable alarms ensure that the system integrates seamlessly into the customer environment.

All system electrics are completely isolated from the airstream meaning that there is no possible source of ignition of gases or fumes, providing complete operator and environment safety.

FEATURES & BENEFITS

ENVIRONMENT IN MIND

All Monmouth products are designed to have both low noise levels and low energy consumption to help your company's Carbon Footprint. LED Lighting and PIR Sensors further improve efficiency.

5 YEAR WARRANTY

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

Subject to Terms & Conditions.

VISIONAIRE® TOUCHSCREEN

Monmouth's revolutionary Visionaire® Touchscreens are designed to control & monitor all aspects of a product operation. The 4.3" 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 and fans reduced to 50% capacity

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

CIRCULAIRE® FILTRATION FUME CABINETS

The Circulaire® range of Filtration Fume Cabinets are market leading and perfect for a huge variety of applications.

The system utilises the latest Carbon and HEPA filter technology to offer unrivalled operator protection from inhalation of fumes and/or particulates.

FEATURES

- Visionare® Touchscreen
- Large Capacity Carbon or HEPA Filters
- Automatic Airflow Compensation
- Easy Change Filters
- PIR Movement Sensors detect periods of inactivity and employ ECO-Mode*
- Large Aperture for Easy Work Area Access

CT1100

CT800

CT1400

CT1800

Specification

	CT800	CT1100	CT1400	CT1800
External Dimentions (W x D x H)**	800mm x 700mm x 1284mm	1100mm x 700mm x 1284mm	1400mm x 700mm x 1284mm	1800mm x 700mm x 1284mm
Aperture Dimentions (W x H)	500mm x 300mm	800mm x 300mm	1100mm x 300mm	1500mm x 300mm
Face Velocity	Typically set at 0.55m/sec - Can be adjusted depending upon application			
Noise Level	Circa. 48db(A)	Circa. 54db(A)	Circa. 54db(A)	Circa. 55db(A)
Main Filters	Large Capacity CARBON or HEPA			
Outlet Filters	Large Capacity CARBON or HEPA (Optional)			
Power	57 watts	100 watts	110 watts	160 watts

*Can be Deactivated if preferred.   **PLEASE NOTE: Upgraded CT PRO Cabinets are 1345mm high.

INTRODUCING THE *CT PRO*

Ultra Deep Carbon Filters ensure Extended Fume Dwell Time

ECO-Operation running on just 30 Watts

Enhanced Visionaire® Touchscreen Interface

Automatic, Smooth Action Safety Sash

Monmouth

CT1100 *PRO*

The Circulaire® CT Pro Filtration Fume Cabinet features the very latest in air filtration technology.

The unit includes an automatic, sliding safety sash, advanced Visionaire® Touchscreen Control System and Eco-Operation mode able to run at just 30 watts.
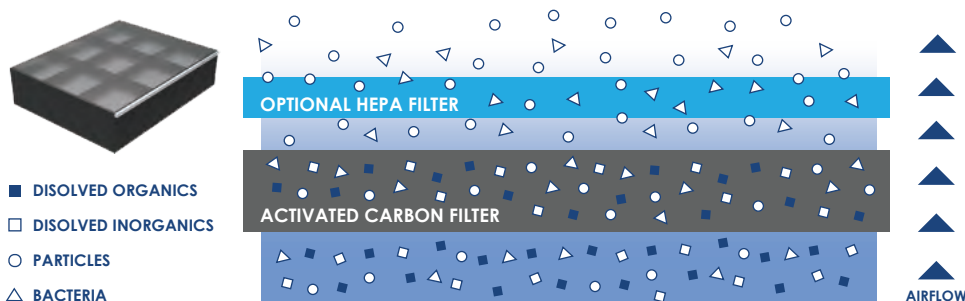
Specification

CT PRO 800	CT PRO 1100	CT PRO 1400	CT PRO 1800
800mm x 700mm x 1345mm	1100mm x 700mm x 1345mm	1400mm x 700mm x 1345mm	1800mm x 700mm x 1345mm

ACTIVATED CARBON

Monmouth Scientific are able to supply a variety of Carbon Filters that are suitable for almost every application. Please see below for the most common Carbon Filters and their intended application.

For multiple applications, we can blend up to four carbon types together in a special filter – Type MCH. Other applications can be accommodated. **Please contact us for more information**.

Where extra safety is required, an optional outlet filter can be specified. This should be of the same type as the main filter with the exception of the outlet HEPA filter, which can be specified for particulate removal with ANY of the carbon filter types.

■ **DISOLVED ORGANICS**
□ **DISOLVED INORGANICS**
○ **PARTICLES**
△ **BACTERIA**

OPTIONAL HEPA FILTER

ACTIVATED CARBON FILTER

AIRFLOW

CARBON CODE:	SUITABLE FOR REMOVAL OF:
AC	General Organic Compounds (iodine, solvents, odours etc)
ACID	Acidic Compounds (and general organics)
ACR	Alkali Compounds (and general organics)
AMM	Ammonia & Amine Compounds (and general organics)
CYN	Cyanide Compounds (and general organics)
ETHER	Ether Compounds (and general organics)
FORM	Aldehydes (and general organics)
SUL	Sulphur Compounds (and general organics)
MCH	Special blend of up to 4 of the above carbon types
ED	Tri-Layered Filter for schools (organic, acid & alkali removed)

Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142   Fax:01759 301143   sales@wolflabs.co.uk

Use the above details to contact us if this literature doesn't answer all your questions.

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.