

# DUCTAIRE® DUCTED FUME CUPBOARDS

Including Low Airflow Alarm

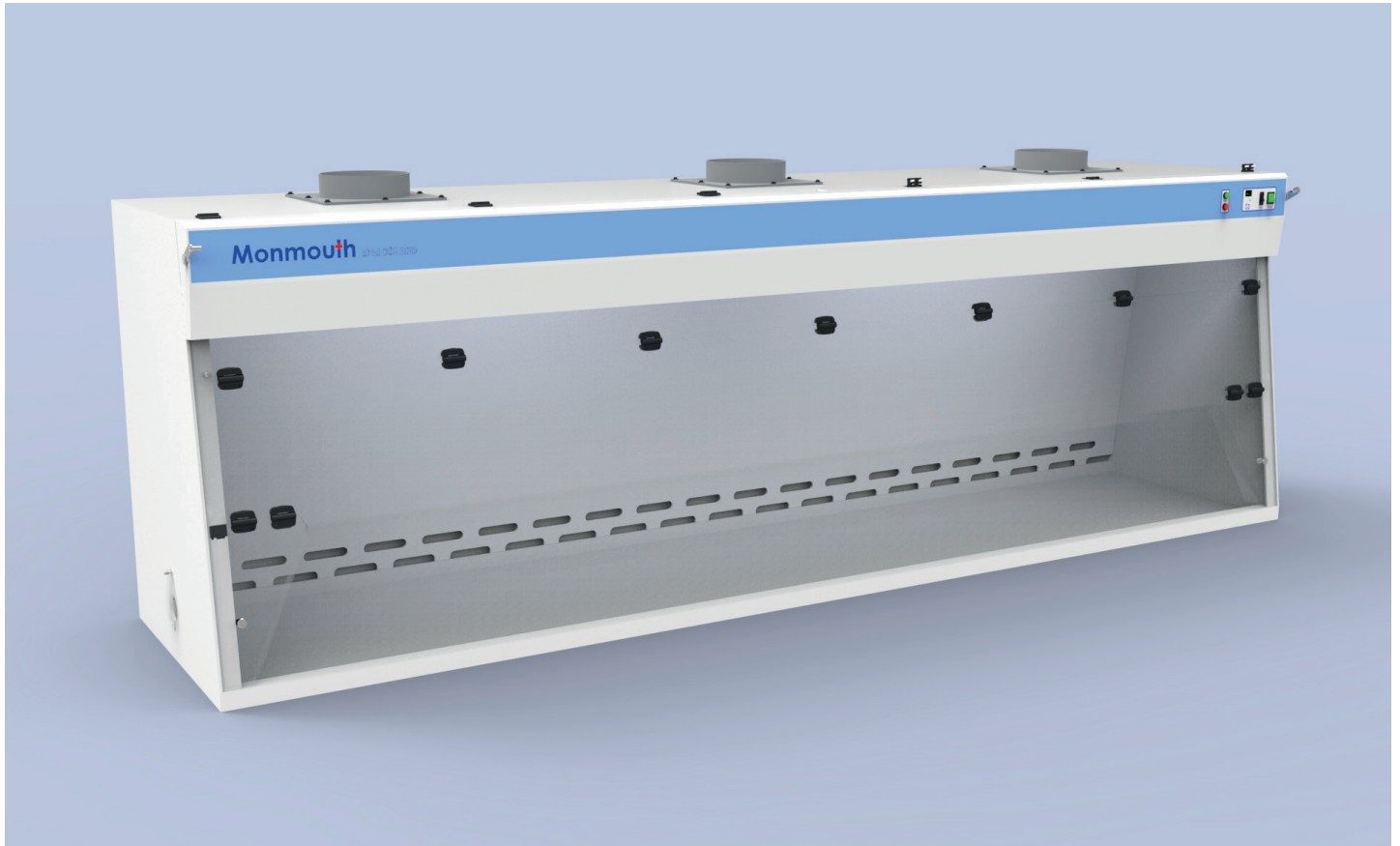


**Monmouth+**  
**Scientific**

**THE MARKET LEADER IN  
CLEAN AIR SOLUTIONS**



## DUCTED AIR FILTRATION



**The Ductaire® range has a high chemical resistance whilst providing exceptional user protection from fumes and vapours offering containment to BS EN 14175.**

The working chamber is manufactured from fully welded and industrial quality copolymer white polypropylene, complete with an integral spillage containment area and an optional secondary fully tested replaceable spillage tray.

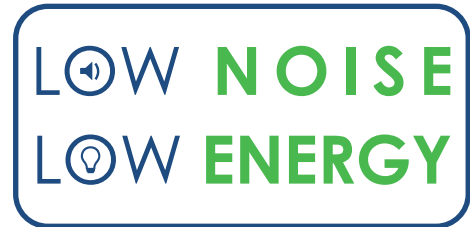
The Ductaire® range of fume cabinets are available in 6 standard widths and supplied with integral side mounted power and plug access ports, facilitating the ease of using electrical apparatus within the working chamber.

The units are designed to be connected to a suitable fan and ductwork extraction system prior to operation. These are available in addition to the costs of the cabinet.

# 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.



## LOW AIRFLOW ALARM

Every model is equipped with an animated colour LCD Display showing that airflow is working within safe and calibrated parameters.



## 5 YEAR WARRANTY

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



Compact Design



Easy Clean



Fully Chemically Resistant



Electrical Access Ports



Remote Fan Switching



LED Lighting



# DUCTAIRE®

Commonly found in industrial and research establishments, contaminated air is removed from the workplace and expelled into the atmosphere via a fitted ductwork and fan extraction system.

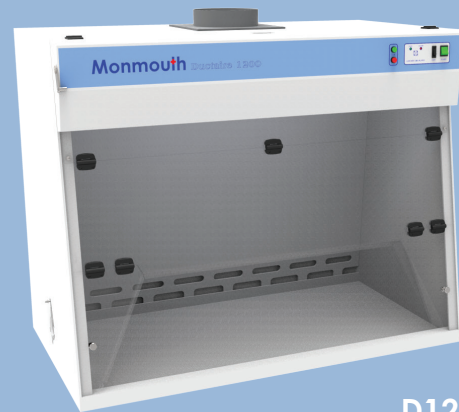
The folding acrylic sash allows excellent access to the large work area and fully isolated lighting ensures that the area is well lit and easy to work in.



**D1000**



**D700**



**D1200**

## SPECIFICATION

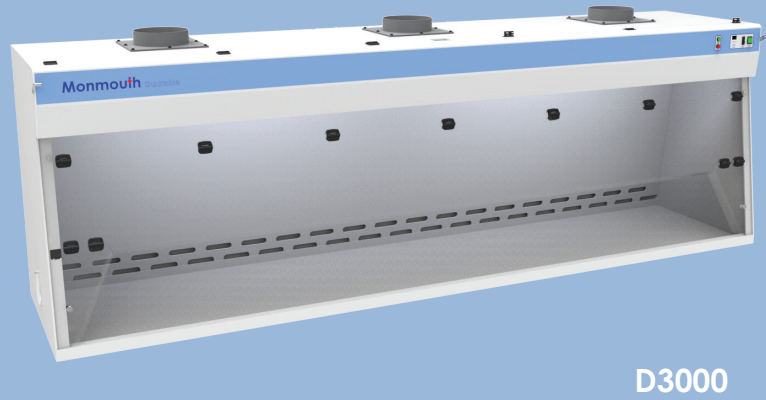
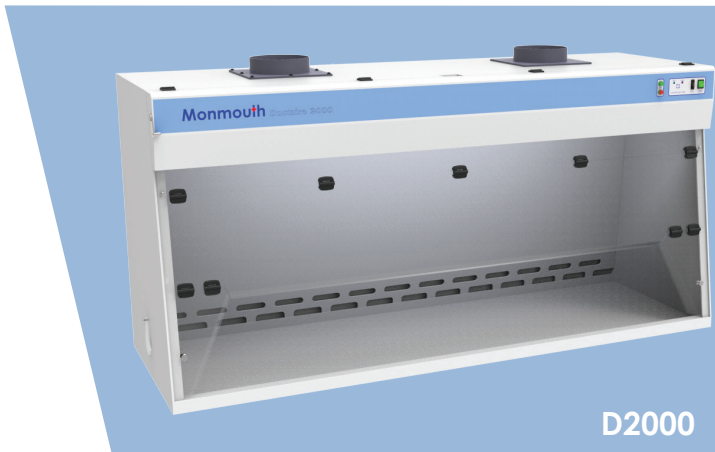
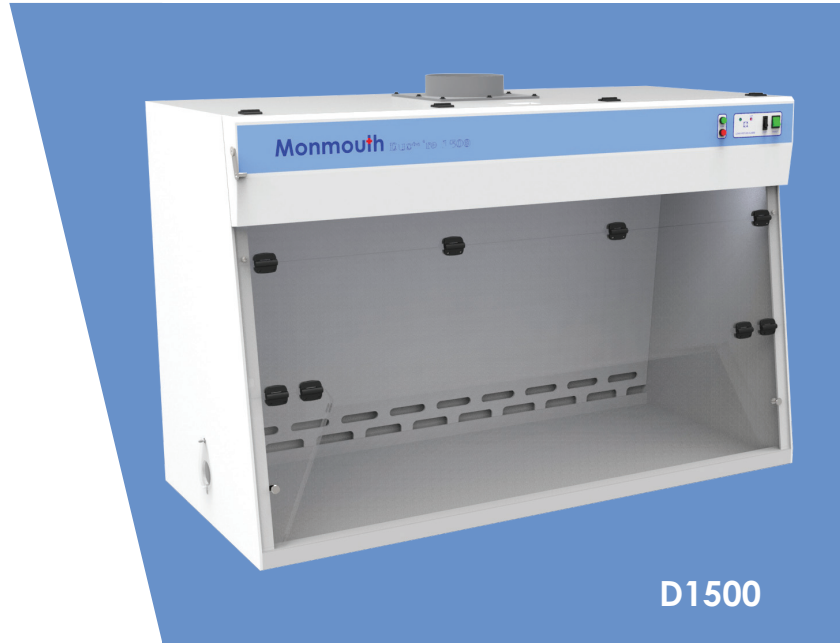
	D700	D1000	D1200
<b>External Dimensions</b> (W x H x D)	700mm x 700mm x 970mm	1000mm x 700mm x 970mm	1200mm x 700mm x 970mm
<b>Internal Dimensions</b> (W x H x D)	680mm x 600mm x 800mm	980mm x 600mm x 800mm	1180mm x 600mm x 800mm
<b>Duct Spigot Size</b> (Other Sizes Available)	160mmØ		200mmØ
<b>Required Airflow</b>	400m <sup>3</sup> /hr		500m <sup>3</sup> /hr
<b>Face Velocity</b>	0.5m/sec Minimum Requirement		
<b>Ductwork System</b>	Must be connected to suitable Ductwork System and Fan to ensure operation		
<b>Fan</b>	<b>Not Included</b> - Please Contact our Sales Team for Options		
<b>Power</b>	230 v		



# Ducted Fume Cupboards

## FEATURES

- British Manufactured
- Five Year Warranty
- Fully Chemically Resistant
- Low Airflow Alarm
- Hinged Front Panel
- Internal Lighting



## SPECIFICATION

	D1500	D2000	D3000
<b>External Dimensions</b> (W x H x D)	1500mm x 700mm x 970mm	1980mm x 700mm x 970mm	3000mm x 700mm x 970mm
<b>Internal Dimensions</b> (W x H x D)	1480mm x 600mm x 800mm	1980mm x 600mm x 800mm	2980mm x 600mm x 800mm
<b>Duct Spigot Size</b> (Other Sizes Available)	200mm $\varnothing$	2 x 200mm $\varnothing$	3 x 200mm $\varnothing$
<b>Required Airflow</b>	600m <sup>3</sup> /hr	900m <sup>3</sup> /hr	1400m <sup>3</sup> /hr
<b>Face Velocity</b>	0.5m/sec Minimum Requirement		
<b>Ductwork System</b>	Must be connected to suitable Ductwork System and Fan to ensure operation		
<b>Fan</b>	<b>Not Included</b> - Please Contact our Sales Team for Options		
<b>Power</b>	230 v		

## OPTIONAL FEATURES

Optional connections to Gas and Water services and electrical sockets are available. Additional filters for extra safety can be installed such as outlet carbon filters or outlet HEPA filters for removal of particulates. A base stand and spillage tray can be selected for the cabinet to sit on.



- Stainless Steel or Polypropylene Under Cupboards
- Base Stand
- Gas & Water Supplies
- Custom Sizes Available

## SERVICING

When servicing/calibrating/validating a Ducted Fume Cupboard it is important to check all aspects of a cabinet. Monmouth Scientific utilise the latest calibrated test equipment (Vane Anemometers, Particle Counters, Smoke Generators and Photometers) to carry out:

- **Interior & Exterior condition.**
- **Access flaps and hinges checks.**
- **Lights, Switches & Fan Condition checks.**
- **All seals checked for integrity by DOP Smoke Test.**
- **Pre-filters replaced if necessary.**
- **HEPA filters challenged for integrity by DOP Smoke Test.**
- **Particle counts are taken to ascertain ISO Safety Standard.**
- **Airflow Velocities, Air Visualisation and Test on Alarms.**
- **Checking all work surfaces within cabinet.**
- **Issue a certificate on all test results.**
- **Service record kept on database.**
- **Service card updated and kept on cabinet.**

All services carried out by skilled, and qualified engineers. We pride ourselves on offering a most comprehensive service to safeguard your employees. Not all companies offer this level of servicing.

Contact our  
experienced team  
to discuss our wide  
range of bespoke  
options

# ABOUT US



**Established in 2004, Monmouth Scientific Limited is a family owned company priding ourselves on our commitment and dedication to our customers. It is this dedication that has seen us work with some of the UK's leading private and Government organisations including; the MoD, NHS, Mercedes F1 and BAE Systems.**

Based in our modern 20,000sq/ft facility in Bridgwater, Somerset our Engineers and Sales Professionals travel across the UK and overseas offering Sales, Service & Support.

We also work very closely with a select group of specialised Laboratory Equipment suppliers and handle the sales and support of their products in the UK and Ireland on an exclusive basis.

We welcome visitors to our new Demo Lab where we will be happy to demonstrate any of our products and show customers and distributors around our facility.

Monmouth Scientific Limited are proud to be a registered ISO9001:2015 company for Sales, Installation, Service, Support, and Distribution of Medical & Laboratory Equipment.





# 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.