

# cleanroom *kits*

SELF ASSEMBLY  
ISO CLASS CLEANROOMS



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

**THE MARKET LEADER IN  
CLEAN AIR SOLUTIONS**

# MODULAR, ADAPTABLE & EXPANDABLE

**cleanroom kits** is the new and easy Modular Cleanroom concept brought to you by Monmouth Scientific.

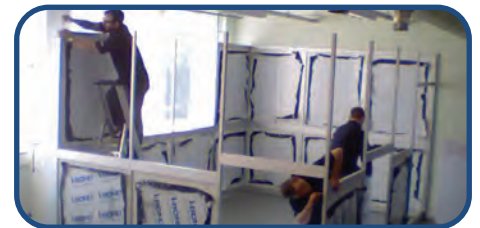
## QUICK DELIVERY

Entirely designed & manufactured at our HQ in the UK, select from multiple available set ups and we will ship to you in a matter of days.



## SIMPLE CONSTRUCTION

We provide a solution with detailed instruction that is easily constructed by anyone with basic DIY skills.



## FLEXIBLE VALIDATION

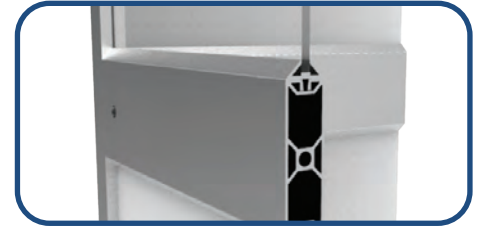
Once installed, the Cleanroom is ready to be validated to the required classification.



## FEATURES & BENEFITS

### IMPROVED ALUMINIUM FRAMEWORK

Specifically designed for cleanroom use, Monmouth have developed a structure that is constructed from smooth profiles and free of horizontal surfaces, significantly reducing the potential of particulate build-up.



### FUTUREPROOF CONSTRUCTION

The lightweight, modular construction can be expanded, reduced, dismantled and relocated easily and quickly at any time.



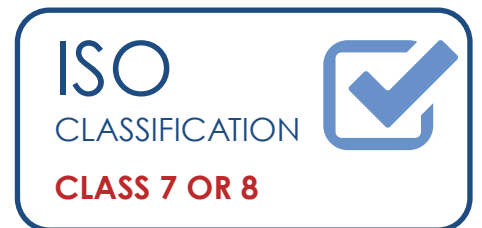
### SOFT-CLOSE SLIDING DOORS

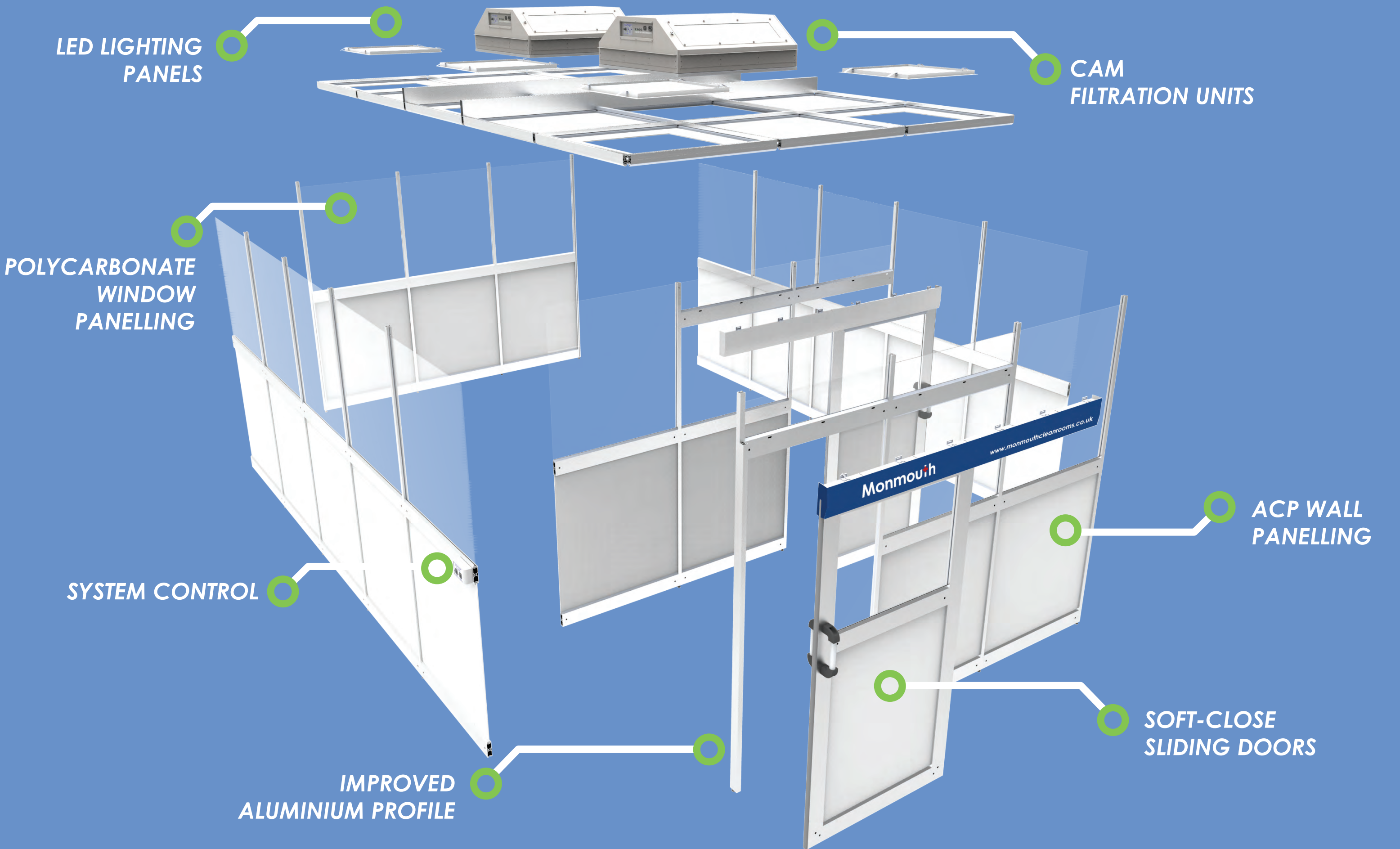
Monmouth's Soft-Close Sliding Doors guarantee the highest quality finish to entrance ways as well as maximising the available space within the Cleanroom.



### THE HIGHEST QUALITY

UK Designed and Manufactured, our Cleanrooms conform fully to BS EN 14644 certification and offer clean air to ISO Class 7 or 8.







# FAN FILTER UNIT INFORMATION

## CAM2250 CLEAN AIR MODULE

Utilising H14 HEPA filters, rated at 99.997% efficient at 0.3 microns, the Monmouth CAM2250 provides up to 2250m<sup>3</sup> of ultra clean air per hour.

Air is initially drawn through a deep pleated pre-filter which retains particulate  $\geq 0.5$  microns, helping to protect the main HEPA from unnecessary work and increasing its lifespan. This combination ensures the CAM2250 provides better than Class 100 (ISO Class 5) clean air directly below the filter surface.

To alert the user to maintenance requirements, the CAM2250 is fitted with a low-airflow sensor that will offer both audible and visual alarms should the operation parameters not be met.



## MODULE CONTROL

The CAM2250 system is provided with a wired remote-control panel, which controls the power to the main unit and an unlimited number of connected subsequent slave units. Also controlled are the lighting units and the low airflow alarm that alerts the user to any maintenance requirements.



## CAM1000 CLEAN AIR MODULE

Utilising H14 HEPA filters, rated at 99.997% efficient at 0.3 microns, the Monmouth CAM1000 provides up to 1000m<sup>3</sup> of ultra clean air per hour.

Air is initially drawn through a deep pleated pre-filter which retains particulate  $\geq 0.5$  microns, helping to protect the main HEPA from unnecessary work and increasing its lifespan. This combination ensures the CAM1000 provides better than Class 100 (ISO Class 5) clean air directly below the filter surface.

The system is provided with a wired remote-control panel, which controls the power to both the main unit and the lights.







MODEL	CEILING MOUNT	WALL MOUNT	MAX. AIRFLOW	AIRFLOW ALARM	SPEED CONTROL	INTER-CONNECT	REMOTE CONTROL
CAMT2250	Yes	Yes	2,250m <sup>3</sup> /hr	Yes	Yes	Yes (RJ45 Cable)	Yes (Switches)
CAM1000	Yes	No	1,000m <sup>3</sup> /hr	No	Yes	No	No

## OUR MODULAR SOLUTIONS



MODULE 4M PLUS

### MODULE 4M

-  2 x 2 x 2.35 metres (W x L x H).
-  ISO 7 or ISO 8.
-  Soft-Close Sliding Doors.
-  LED Lighting.





#### MODULE 4M PLUS;

As per **4M** with 1 x 2 Changing Atrium.



MODULE 6M PLUS

### MODULE 6M

-  2 x 3 x 2.35 metres (W x L x H).
-  ISO 7 or ISO 8.
-  Soft-Close Sliding Doors.
-  LED Lighting.





#### MODULE 6M PLUS;

As per **6M** with 1 x 2 Changing Atrium.



MODULE 9M PLUS

### MODULE 9M

-  3 x 3 x 2.35 metres (W x L x H).
-  ISO 7 or ISO 8.
-  Soft-Close Sliding Doors.
-  LED Lighting.





#### MODULE 9M PLUS;

As per **9M** with 1 x 3 Changing Atrium.



MODULE 12M PLUS

### MODULE 12M

-  4 x 3 x 2.35 metres (W x L x H).
-  ISO 7 or ISO 8.
-  Soft-Close Sliding Doors.
-  LED Lighting.

#### MODULE 12M PLUS;

As per **12M** with 1 x 3 Changing Atrium.



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**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.

