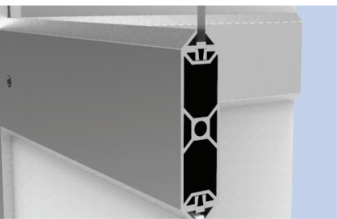


# cleanroom *kits*

SELF ASSEMBLY  
ISO CLASS CLEANROOMS



## Monmouth+ Scientific

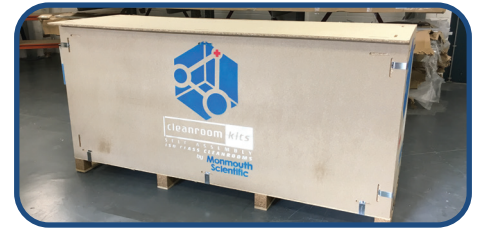
THE MARKET LEADER IN  
CLEAN AIR SOLUTIONS

# 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.



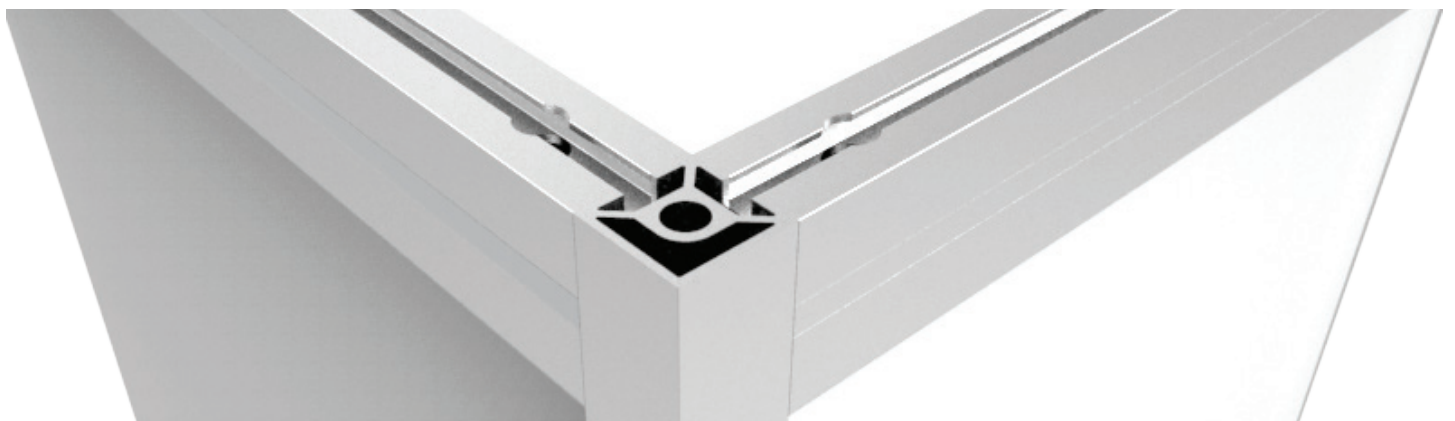
## SIMPLE CONSTRUCTION

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



## FLEXIBLE VALIDATION

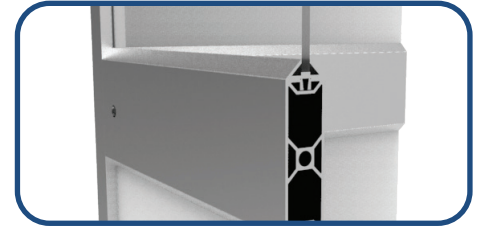
Once installed, the Cleanroom is ready to be validated to the required classification.



## 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.



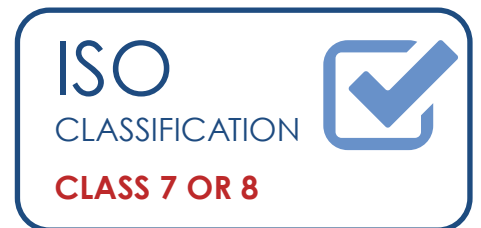
### SOFT-CLOSE SLIDING DOORS

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

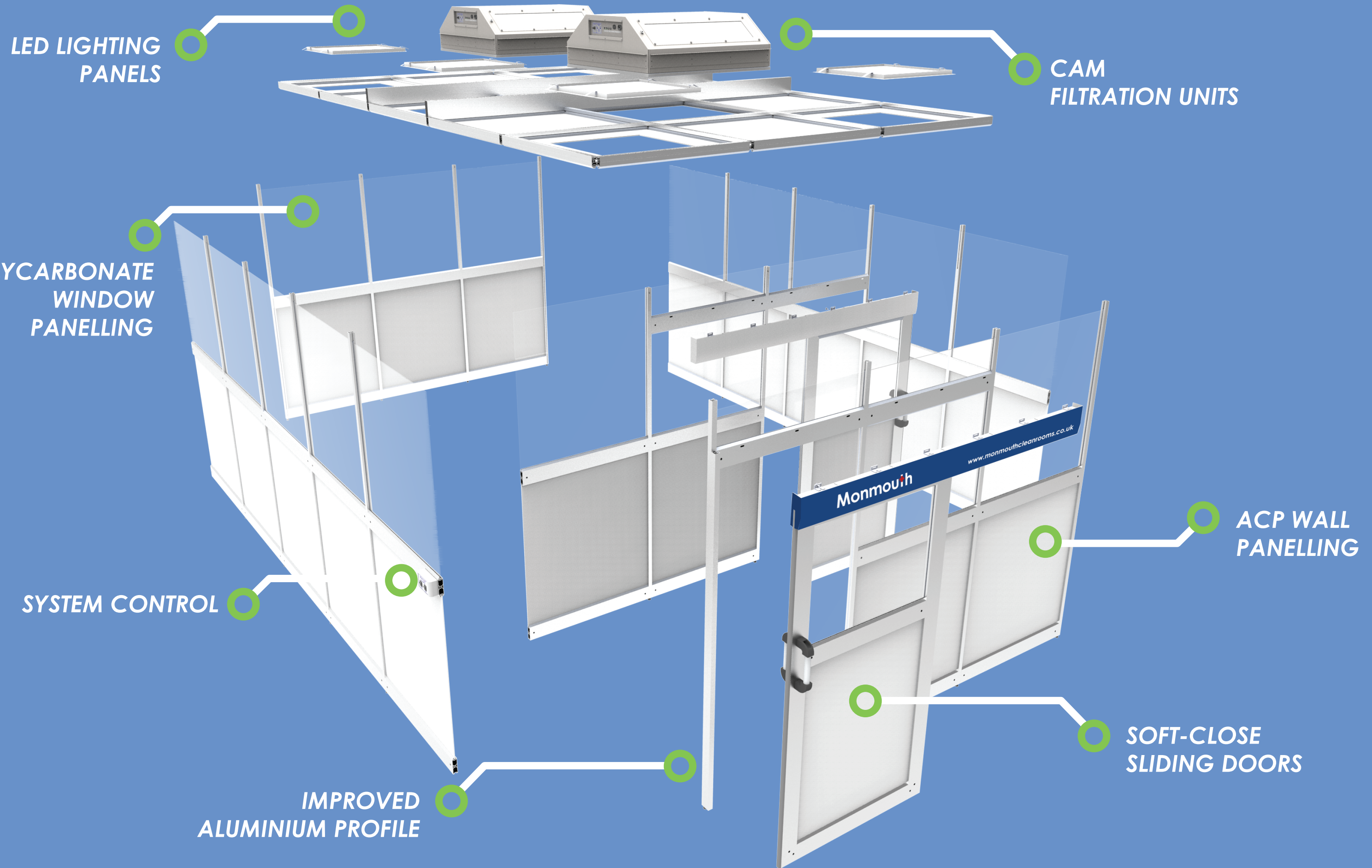


### THE HIGHEST QUALITY

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







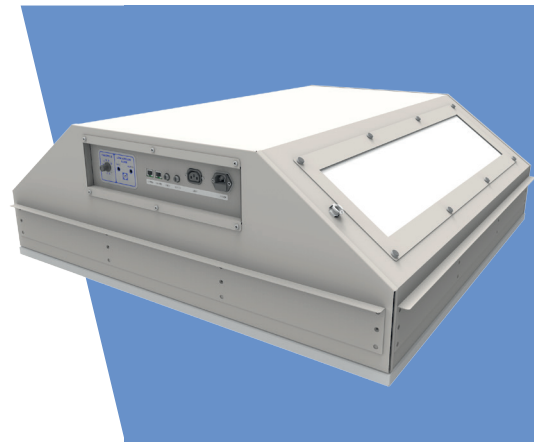
# FAN FILTER UNIT INFORMATION

## 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 ≥ 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 ≥ 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 |
|---------|---------------|------------|-------------------------|---------------|---------------|------------------|----------------|
| CAM2250 | 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.



**cleanroom** *kits*

S E L F   A S S E M B L Y  
I S O   C L A S S   C L E A N R O O M S

**Monmouth**  
Scientific

The UK's leading  
designer,  
manufacturer  
and supplier of  
Clean Air  
Technology.

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