

# Modular Cleanroom



## Features & Benefits

INFO

- Modular, Scalable Layouts
- Rapid Deployment
- Custom-build Specifications
- ISO Class 6-9 Clean Environments
- High quality HEPA Filters
- Turnkey Solution

## Modular, Expandable & Adaptable

### The Solution

Our Modular Cleanroom is a customisable and scalable turnkey solution designed to meet a wide range of contamination control needs across multiple industries.

Whether for biomedical, electronic, aerospace or industrial applications, this high-quality modular system provides the optimal, clean environment for sensitive operations and processes.

### How it Operates

The Modular Cleanroom functions by creating a controlled environment where the concentration of airborne particles are regulated to ISO 6-9 certifications.

The room is equipped with HEPA filtration systems that continuously circulate clean air, removing contaminants.

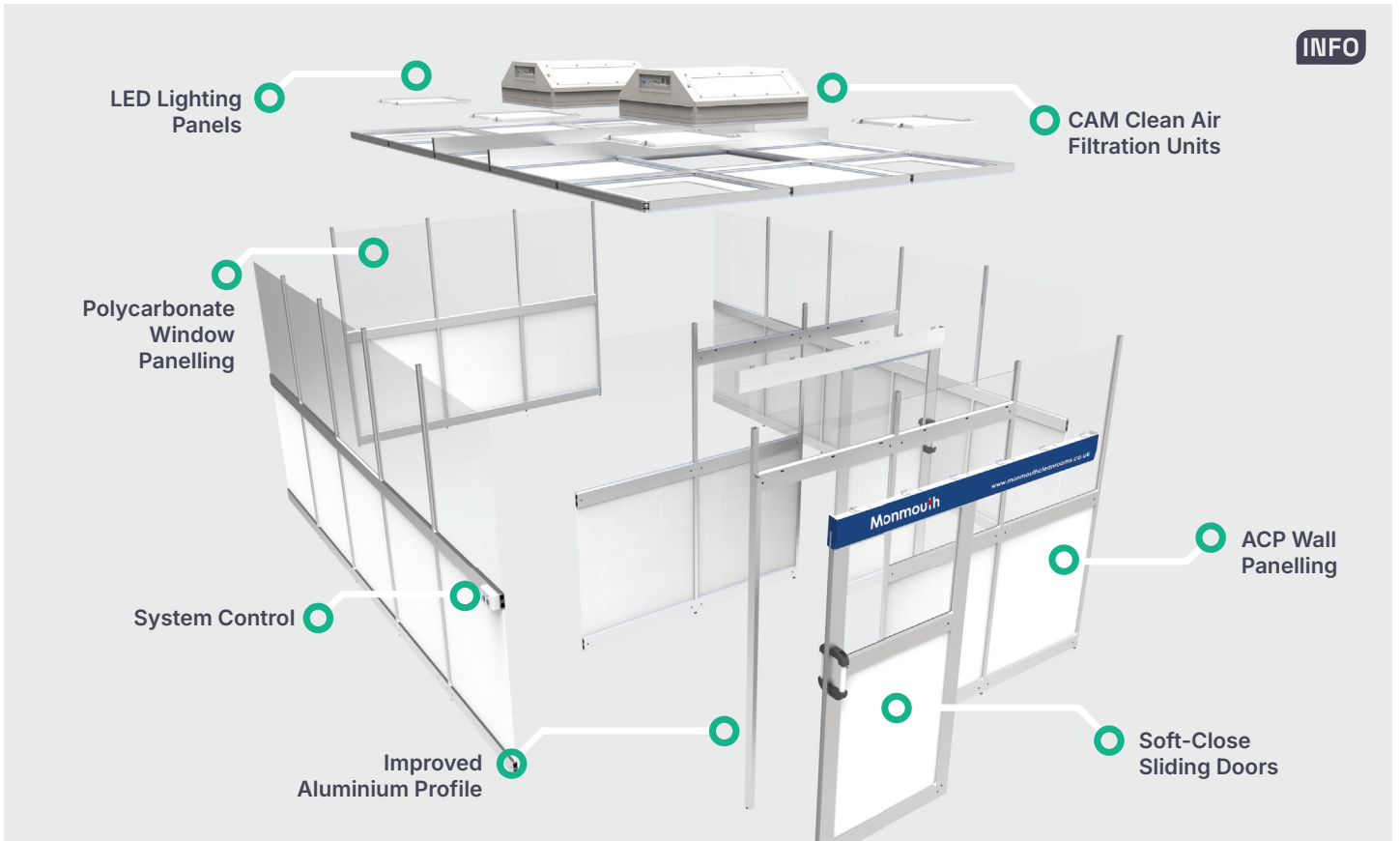
The modular design allows for quick install, expansion, or relocation to meet changing operational needs, providing a reliable and efficient solution.



## Technical Information

INFO

<b>Custom-build Specification</b>	Modular and scalable layouts tailored to project specifications.			
<b>Standard Module Dimensions (W x D x H)</b>	2000mm x 2000mm x 2350mm	3000mm x 2000mm x 2350mm	3000mm x 3000mm x 2350mm	4000mm x 3000mm x 2350mm
<b>Filteration System</b>	Clean Air Modules (CAM) + H14 HEPA Filter - 99.97% efficient at 0.3µm			
<b>Air Cleanliness</b>	ISO Classes 6-9			
<b>Structure</b>	Free-standing aluminium framework. Aluminium composite panel walling and clear non-break polycarbonate window panes.			
<b>HVAC</b>	Our experienced team designs and installs the HVAC system to regulate air quality and temperature.			
<b>Flooring</b>	Optional custom flooring solutions tailored to project specifications, ensuring durability, hygiene, and compliance.			
<b>Power</b>	Electrical units ensure seamless power and control systems integration for cleanroom operations.			



### Aluminium Framework

Constructed from smooth profiles and free of horizontal surfaces, significantly reducing particulate build-up.



### Future Proof Construction

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



### The Highest Quality

Conforms fully to BS EN 14644 certification and offer air cleanliness levels from ISO Classes 6-9.

# Controlled clean environments for critical applications

Fume Containment | Biological Safety | Modular Cleanrooms | Powder Handling | Laminar Flow

Monmouth  
Scientific

Monmouth  
Scientific



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