Why Choose Modular Hardwall Cleanroom - CR6

Our 6.5m(L) x 3.4m(W) x 2.1m(H) predesigned cleanrooms are designed to achieve an ISO 14644-1 Class 7 production area through positive air pressure. Air is filtered through two fan filter units with HEPA filtration contained within the ceiling, with 99.99% efficiency @ 0.3 microns. This cleanroom features a 1m x 3.1m change area to support gowning protocols with a swing door entrance. The room itself is constructed using a robust steel frame that is powder coated with a hygienic coating and clear hardwall panels for exterior walls. It is available to buy as a self-assembly kit or with installation and validation services from the Connect 2 Cleanrooms team.

More Info

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Optional flooring, trunking, installation and validation.

Dado Trunking and sockets only available to UK customers due to variations and compatibility across the EU and rest of the world standards. Dado trunking without sockets is available upon request. Please contact us on 01524 813 022 to discuss your requirements.

Please make arrangements to offload the pallets when received.

Please ensure you are ordering correctly against your specification as these are non-returnable items, unless found faulty on receipt of order.

Validation Only

This cost is based on work being carried out Monday to Friday

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occupancy state and airflow readings, it will be inclusive of an interim and full validation report.

Validation will be subject to our availability and current demand.

Pricing is based on the location being within mainland UK. Price on Application for other areas or if a wider scope of works is required.

Installation & Validation

This cost is based on 2 engineers attending site over 2 consecutive working days, Monday to Friday 9am to 5pm to carry out the installation of the cleanroom and then a validation to ISO 14644-1:2015.

The validation will include particle counts to the 'as built' occupancy state and airflow readings, it will be inclusive of an interim and full validation report.

Installation will be subject to our availability and current demand.

Pricing is based on the location being within mainland UK. Price on Application for other areas or if a wider scope of works is required.

Electrical works are excluded from Installation & Validation option. When completing your own installation, your electrician must be qualified to Electrical Inspection & Testing 2391.

Bespoke Cleanrooms

This cleanroom is part of our modular cleanroom range, with standard cleanrooms available in assembly kit form for a fast contamination control solution. If you need a cleanroom with a larger footprint, a lower ISO class, a different layout, or even in a different colour, contact Connect 2 Cleanrooms to discuss your project.

Please call the team on 01524 812899 for support, bespoke enquiries or any further questions.

Please Note:

A forklift is required upon delivery for offloading pallets and installation and validation pricing is for mainland UK locations. Price on Application for all other areas or if a wider scope of works is required.

Brand

Connect 2 Cleanrooms

Type

Cleanroom

Lead time (if out of stock)

Materials

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Height

2.407m (2.1m internal height)

Colour

White RAL9003

Applications

Designed as an entry level cleanroom, this cleanroom provides a quick solution for those organisations looking to create a classified production area. Suitable for e-liquid production, electronics, laboratory, engineering, healthcare and energy applications.

Country of origin

United Kingdom

Technical data

2No. HEPA Fan filter units

Sterility

Non-Sterile

Cleanroom class

ISO Class 7+

Castors

No castors

Filtration

HEPA

Cleanroom

CR6 - 6x3m

Area

6.5m x 3.4m

Change area

1m x 3.1m

Production area

5.3m x 3.1m

Exterior walls

PETg clear hardwall panels to 4No. exterior walls

Internal walls

PVC Softwall divide between Production Area and Change Area

Doors

Steel swing door entrance

Lighting

LED lighting

Controls

1No. Variable speed controller for HEPA fan filter units

Flooring

Optional jigsaw flooring kit - GTI Max Sapphire Blue

Installation & Validation

Optional

Pressure gauge

1No. Fan filter unit differential pressure gauge

Vents

Low level vent protectors

Trunking

Optional dado trunking kit with 10 double sockets / RJ45 ethernet outlets