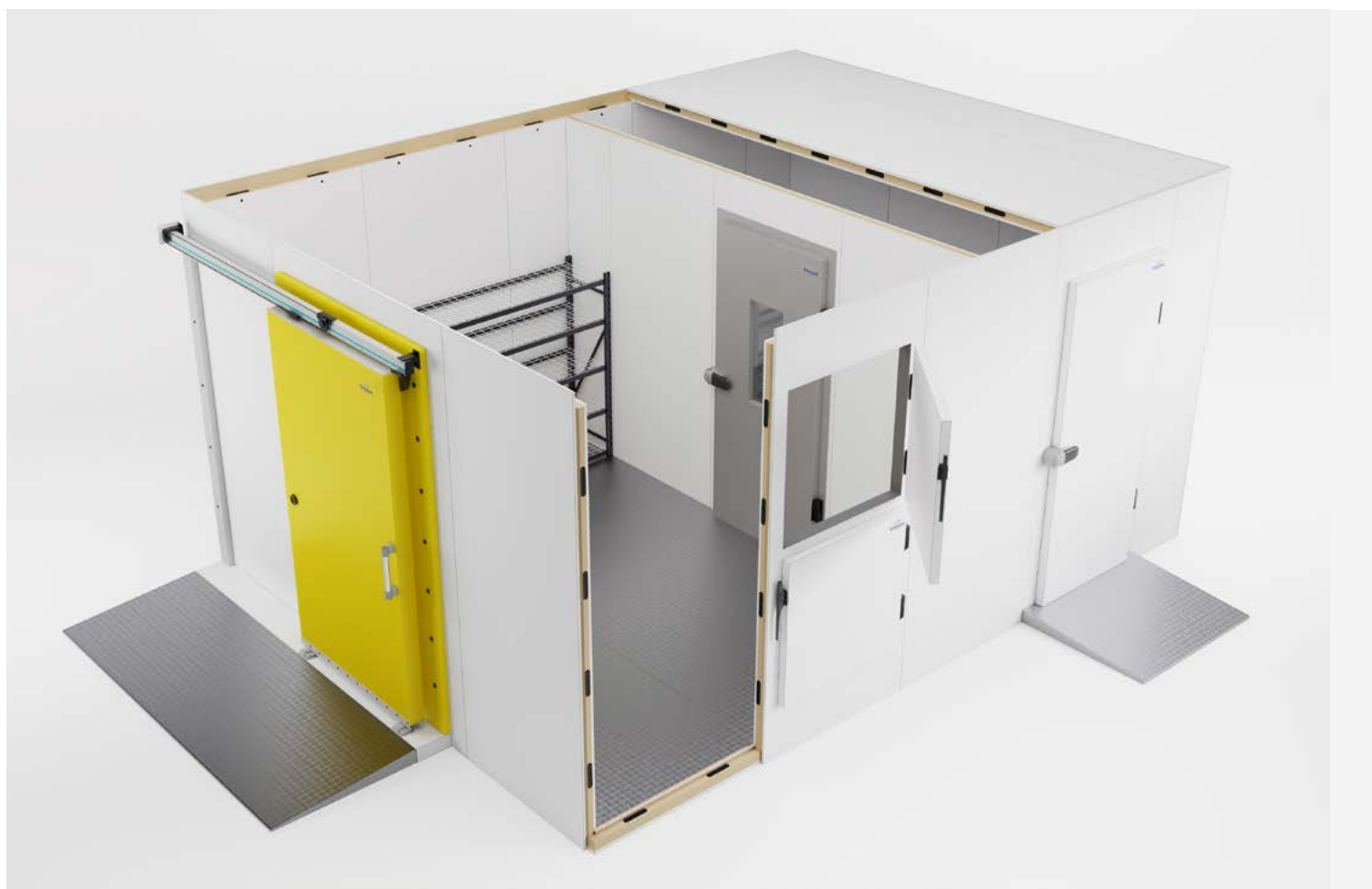


ModularZone

High-performance modular coldstore and freezer rooms



TEMPERATURE RANGE FROM -180°C TO +80°C

INTRODUCTION

Kingspan Insulated Panels is the largest division of the Kingspan Group and within our core business we have an established position as a world leader in the design and manufacture of high quality insulated roof, wall and façade systems for the construction industry. Modular solutions, structural products, controlled environments and clean room systems are also part of our extensive product portfolio



Kingspan modular cold rooms are designed to provide flexible solutions in controlled, refrigerated and freezer conditions for use in many applications, including catering, bakeries, IT, medical and research facilities.

These modular units are custom-built to customer requirements or bought 'off the shelf' in a range of standard sizes. Delivered as flat packs. Our units combine a very high level of guaranteed performance with ease and speed of assembly, with the ability to be moved to a new location without any damage and with quick handling.

Kingspan modular cold rooms are manufactured using an insulated PUR core panel with a using so-called cam-locks, which provide the best thermal performance and do not require a substructure.



Our chambers can be equipped with a floor, or they can be floorless (placed directly on the existing floor). Thanks to our concept, the reinforced floors can be lined with AISI304 stainless steel sheet (optional AISI314 stainless steel), corrugated aluminium sheet of various thicknesses, TRESPA resin or other epoxy resins. The load-bearing capacity of the floor is also customised.

Tailor-made solutions

Our cold rooms meet the highest hygiene requirements. The floors are groutless and come together steplessly. And its non-slip structure ensures the highest safety standards!

Depending on the intended use and areas of use, we offer our floors in various finishes (embossed, grooved and unembossed, so-called bakery floor).

Thanks to the highest quality workmanship, the floors in Kingspan's cold stores are very durable. Depending on the allowable pressure of the rack feet or wheels, they can be driven on with various types of forklifts, as well as those with small wheels, and our floors are resistant to all kinds of shocks.

Cold rooms without floor elements are supplied with metal starter flashings, allowing the room to be correctly positioned at the indicated location.

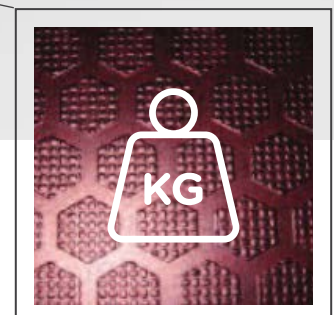
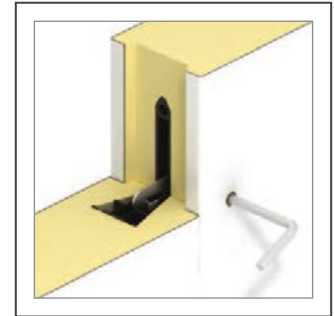
The wall elements are bolted in place with the floor using U-profiles made of the same material as the chamber itself.

ULTRA

(Cryo-Med Room)

"Ultra" version with a temperature range of -140°C to $+80^{\circ}\text{C}$, with walls, floor and ceiling connected by Cam-Lock locks and a custom reinforced floor.

- Temperature range -140°C to $+80^{\circ}\text{C}$
- Panel thicknesses 100, 120, 150 and 200 mm
- With customised reinforced floor
- Wall, ceiling and floor panels connected by camlocks
- A wide range of specialist doors
- Quick installation without silicone



COMFORT

Refrigerated room version with wall, floor and ceiling panels connected by Cam-Lock locks and racking system on request

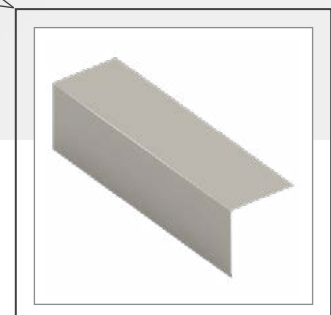
- Temperature range -50° C to + 60° C
- Panel thicknesses 80, 100, 120 and 150 mm
- With or without reinforced floor
- Wall, ceiling and floor panels connected by camlocks
- Wide range of coldstore and freezer doors
- Quick installation without silicone
- Shelving systems



ECO

Economical version of refrigerated room with wall panels connected by Cam-Lock locks and floor/ceiling fixed by flashings

- Temperature range -30° C to + 50°C
- Economical design, high quality
- Panel thickness 80 or 100 mm
- Without floor or with floating floor (wall panels with cam lock connected to floor/ceiling panels by flashings)
- Insulation made of PUR foam 40 kg/m³
- Wide range of coldstore and freezer doors
- Quick installation without silicone



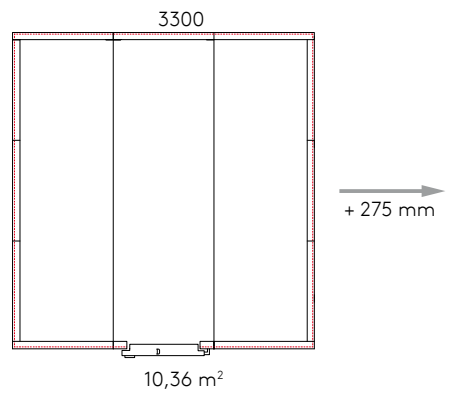
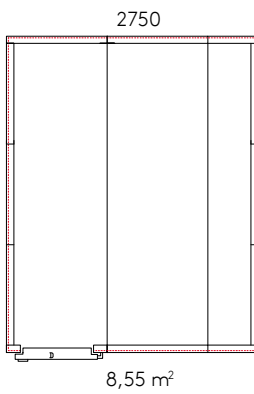
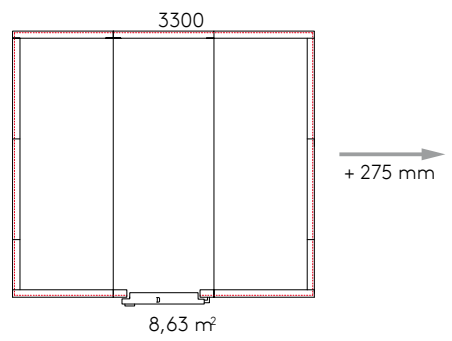
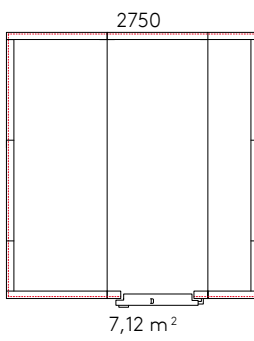
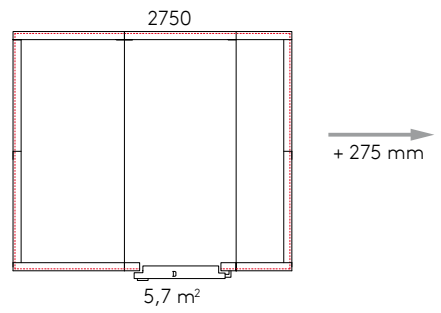
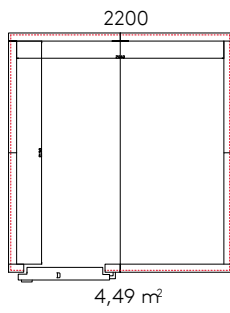
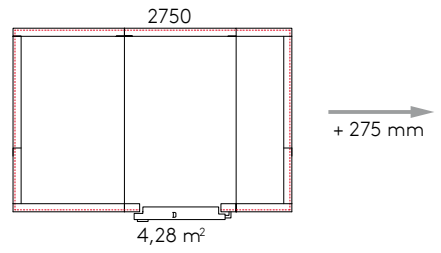
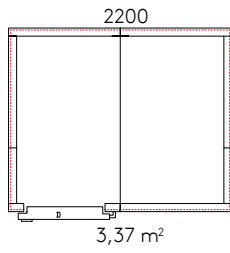
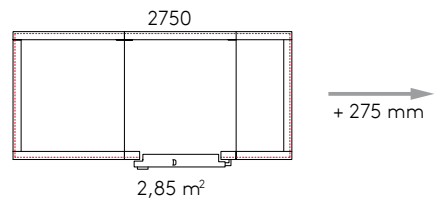
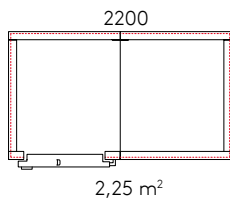
APPLICATION:

Hotels, restaurants, fast-food chains; food processing plants; milk and dairy producers; processing seafood processing and storage; fruit and vegetable processing and storage; bakeries; supermarkets; others.

COLDROOM SELECTOR

Height Width	Cold store room - 1260 Freezer room - 1300	1100 1,03 m ²	1650 1,64 m ²
	Cold store room - 1810 Freezer room - 1850	1100 1,55 m ²	1650 2,46 m ²
	Cold store room - 2360 Freezer room - 2400	1100 2,06 m ²	1650 3,28 m ²
	Cold store room - 2910 Freezer room - 2950	1650 4,1 m ²	2200 5,6 m ²
	Cold store room - 3460 Freezer room - 3500	1650 4,9 m ²	2200 6,73 m ²

This is possible to build a chamber other than standard dimensions - contact Kingspan Technical Team.



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For the product offering in other markets please contact your local sales representative or visit www.kingspan.com

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