FrigoSys
Master Cold Enginering

PRODUCT CATALOG · 2026

COLD ROOMS

Modular Cold Room

CHILLED & FROZEN ROOMS WITH CAMLOCK PANELS

MODÜLER SOĞUK VE DONUK ODA · EKSANTRİK KİLİTLİ PANEL



100 mm PU PANEL THICKNESS

100+ SIZE CONFIGURATIONS

5.5–22.5 m³ ROOM VOLUME

ABOUT US · HAKKIMIZDA

Frigo System

Frigo System was established by a highly experienced and dynamic team in the refrigeration industry. We carry out project engineering, production, assembly and service for industrial and commercial cooling systems, with a team specialised in energy efficiency and optimisation.

From a single walk-in cooler to multi-room cold storage plants, we supply cold room panels, doors and refrigeration systems from our factory in Türkiye to customers in the USA, Europe, the Caucasus, the Middle East and Africa.

Frigo System Modular Cold Room

Modular cold rooms built from 100 mm polyurethane panels that lock together with an eccentric camlock system. Assembled with only an Allen key and dismantled without material loss when relocation is required, they suit both chilled and frozen storage.

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Efficiency & Savings
The right process for each project — quality and economical work.

On-Time Delivery
We deliver on the agreed date and service every job we do.

Quality Workmanship
Quality materials, factory-controlled production and assembly.

Export Ready
Packing, export documents and logistics handled in-house.

01 · ÖZELLİKLER VE KULLANIM ALANLARI

Features & Applications

Key Features

- Standard 100 mm panel thickness for chilled and frozen rooms
- 42 kg/m³ density polyurethane insulation for high thermal performance and energy efficiency
- Eccentric camlock system with male-female panel joints for fast, secure and airtight assembly
- Installation with only an Allen key — no cutting, drilling or silicone
- Easy to install; can be dismantled without material loss when relocation is required
- Surface sheets of standard RAL 9002 pre-painted galvanized steel
- Surface materials comply with applicable hygiene requirements
- Panel surfaces protected with film during transport and installation
- Gasket-sealed doors with anti-panic handle and electric heating

At a glance

100 mm
Panel thickness

42 kg/m³
Polyurethane density

100+
Size configurations

Where it is used Kullanım alanları

Chilled rooms
Standard 100 mm panels for chilled storage.

Frozen rooms
The same 100 mm panel system for frozen storage.

Relocatable rooms
Dismantled without material loss when relocation is required.

Advantages Avantajlar

Fast assembly
An installation scheme–based design gives fast and practical assembly.

Airtight joints
Camlocks and male-female panel joints give a secure, airtight structure.

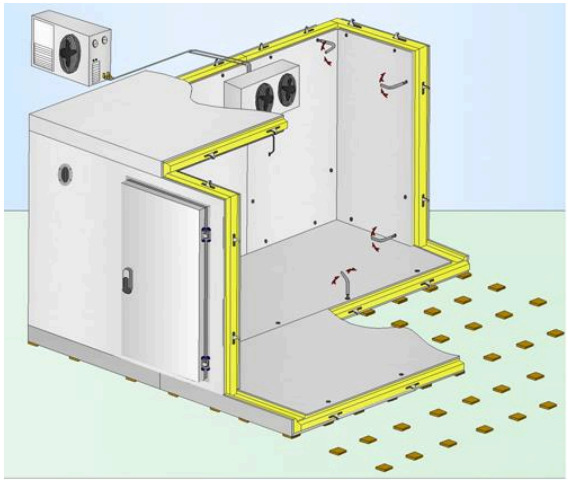
Modular sizing
Room dimensions are designed in modular increments of 40, 80 and 120 cm.



02 · ODA YAPISI VE MONTAJ

Room Structure & Assembly

Each panel group locks to the next with an eccentric camlock, and the male-female joint closes the seam. The room is put together according to its installation scheme, using only an Allen key.



Panel layout of a modular cold room



Eccentric camlock joint



Room with floor panel during assembly

1 100 mm panels

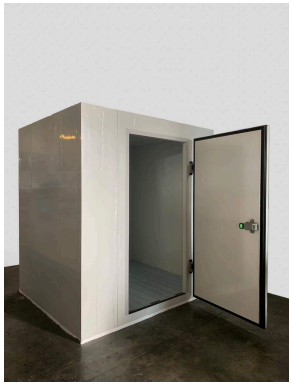
Polyurethane panels at 42 kg/m³ density, in modular increments of 40, 80 and 120 cm.

2 Camlock joint

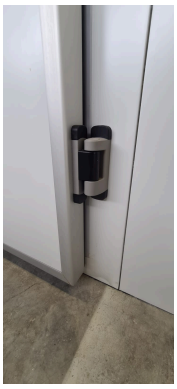
All panel groups lock together with an eccentric camlock for maximum thermal insulation.

3 Heated door

Gasket-sealed door with anti-panic handle and electric heating as standard.



Room with door open



Door hinge detail

Allen key assembly

No cutting, drilling or silicone. Rooms should be installed strictly according to the layout drawing.

Ready to relocate

The modular structure can be dismantled without material loss when the room has to move.

03 · TEKNİK ÖZELLİKLER

Technical Specifications

Specification	Frigo System Modular Cold Room
Product Ürün	Modular cold room for chilled and frozen applications
Panel thickness Panel kalınlığı	100 mm
Insulation İzolasyon	42 kg/m³ density polyurethane
Surface Yüzey	RAL 9002 pre-painted galvanized steel, with protective film during transport and installation
Joint Birleşim	Eccentric camlock with male-female panel joints
Assembly Montaj	Allen key only — no cutting, drilling or silicone
External height Dış yükseklik	2200 mm standard
Internal height İç yükseklik	2100 mm for floorless rooms · 2000 mm for rooms with floor
Modular increments Modül artışı	40 – 80 – 120 cm
Room volume Oda hacmi	5.5 – 22.5 m³
Door Kapı	Gasket-sealed, anti-panic handle, electrically heated as standard
Clear door opening Net kapı geçişi	600 × 1900 mm for width 1600 models · 900 × 1900 mm for all other models

Planning notes Önemli notlar

- To calculate the internal net width and length, deduct 200 mm from the external dimensions.
- In models with length 1600, 2000 and 2400, the monoblock unit is positioned on the right or left side as shown in the drawing.
- In models with length 2800 and 3200, the monoblock unit is positioned next to the door.
- Rooms should be installed strictly according to the layout drawing.
- When requesting a quotation, please attach the layout drawing of the room model.

04 · STANDART ÖLÇÜLER

Standard Sizes

25 standard models with 100 mm panels, door included. Each model is available without floor or with AISI 304 stainless steel floor. All dimensions in mm; height is the standard external height, and net inside size is the external size minus 200 mm.

Model	Width En	Length Boy	Height Yükseklik	Net inside W × L İç net ölçü	Clear door opening Net kapı geçişi
MD1616	1600	1600	2200	1400 × 1400	600 × 1900
MD1620	1600	2000	2200	1400 × 1800	600 × 1900
MD1624	1600	2400	2200	1400 × 2200	600 × 1900
MD1628	1600	2800	2200	1400 × 2600	600 × 1900
MD1632	1600	3200	2200	1400 × 3000	600 × 1900
MD2016	2000	1600	2200	1800 × 1400	900 × 1900
MD2020	2000	2000	2200	1800 × 1800	900 × 1900
MD2024	2000	2400	2200	1800 × 2200	900 × 1900
MD2028	2000	2800	2200	1800 × 2600	900 × 1900
MD2032	2000	3200	2200	1800 × 3000	900 × 1900
MD2416	2400	1600	2200	2200 × 1400	900 × 1900
MD2420	2400	2000	2200	2200 × 1800	900 × 1900
MD2424	2400	2400	2200	2200 × 2200	900 × 1900
MD2428	2400	2800	2200	2200 × 2600	900 × 1900
MD2432	2400	3200	2200	2200 × 3000	900 × 1900
MD2816	2800	1600	2200	2600 × 1400	900 × 1900
MD2820	2800	2000	2200	2600 × 1800	900 × 1900
MD2824	2800	2400	2200	2600 × 2200	900 × 1900
MD2828	2800	2800	2200	2600 × 2600	900 × 1900
MD2832	2800	3200	2200	2600 × 3000	900 × 1900
MD3216	3200	1600	2200	3000 × 1400	900 × 1900
MD3220	3200	2000	2200	3000 × 1800	900 × 1900
MD3224	3200	2400	2200	3000 × 2200	900 × 1900
MD3228	3200	2800	2200	3000 × 2600	900 × 1900
MD3232	3200	3200	2200	3000 × 3000	900 × 1900

More than 100 size configurations

Frigo System produces modular cold rooms in more than 100 different size configurations. Ask us for sizes not listed here.

05 · OPSİYONLAR

Options



Floor

Floorless room, or a room with AISI 304 stainless steel embossed floor finish.



Monoblock unit

Specially designed monoblock refrigeration units, positioned according to the room model.



Door and lighting

Electrically heated door of special design with integrated lighting and airtight gaskets.



Shelving

460 mm wide chrome wire shelving, four tiers, 1650 mm total height.



PVC curtains

Strip curtains for the door opening.



Ramp

Ramp for easier entry to the room.

Complete cold room solutions

Modular cold rooms are part of our full range: cold room sandwich panels, hinged, sliding and high-speed PVC doors, condensing units, monoblock and split units and central cooling systems — engineered and supplied as one turnkey package.

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Contact Us

For enquiries, quotations or technical support on our doors, panels and refrigeration solutions, get in touch with us.

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Engineered for cold.
Built to last.