FrigoSys
Master Cold Enginering

PRODUCT CATALOG · 2026

COLD ROOM DOORS

Hinged Cold Room Door

FOR CHILLER AND FREEZER ROOMS

SOĞUK ODA MENTEŞELI KAPI · MUHAFAZA VE DONUK MUHAFAZA ODALARI IÇIN



68–92 MM LEAF

PU HIGH-INSULATION FOAM

RAL 9002 · STAINLESS OPTION

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.

Hinged Cold Room Door

Designed and built for the demands of cold storage and the food industry, Frigo System hinged doors combine high-insulation polyurethane foam with a PVC frame. A compact, adaptable solution for walk-in coolers and freezers in supermarkets, restaurants, hotels, food plants and warehouses.

CONTENT · İÇINDEKILER

03 Features & Advantages
Özellikler ve avantajlar

04 Product Anatomy & Accessories
Kapı yapısı ve aksesuarlar

05 Technical Specifications
Teknik özellikler · Chiller / Freezer

06 Nomenclature & Selection Guide
Kodlama ve seçim tablosu

07 Installation & Fixing Details
Montaj ve bağlantı detayları

08 Colours & Custom Options
Renkler ve özel seçenekler

09 Contact
İletişim

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 · ÖZELLIKLER VE AVANTAJLAR

Features & Advantages

Key Features

- Polyurethane foam technology with a high heat-insulation level
- 68 – 92 mm leaf thickness, depending on door type
- Leaf skins in polyester-coated steel RAL 9002 or stainless steel
- PVC frame structure on every door
- Freezer doors: threshold sunk below floor level and built-in heating
- Chiller and smaller doors: frame closes the panel opening and covers the panel edge
- Adjustable hinges for a precise, leak-free seal
- External handle and internal release handle
- Frame and leaf delivered pre-assembled

Optional Features

- Stainless steel door leaf
- Stainless steel versions of all door accessories
- Left or right opening direction
- Custom clear-opening sizes on request

Where it is used

Chilled storage from 0 °C upwards and frozen storage below 0 °C — supermarkets, restaurants and hotels, meat, fish and dairy plants, fruit & vegetable stores, pharmacies and walk-in coolers of every size.

Advantages

High insulation

PU foam leaf keeps cold inside and lowers the energy use of the room.

Fast installation

Frame and leaf arrive combined; the frame screws straight into the panel.

No counter-frame

For chiller doors the frame covers the panel edge — no counter-frame or extra panel closing needed.

Freeze protection

Sunk threshold and built-in heating keep freezer doors free of ice.

Hygienic surfaces

Polyester-coated or stainless steel skins — easy to clean, suitable for the food industry.

Precise adjustment

Adjustable hinges let the leaf be set so the gasket seals without rubbing on the floor.

02 · KAPI YAPISI

Cold Room Hinged Door

Hinged doors are the compact, lightweight choice for walk-in coolers and freezers where personnel access is the main traffic — from small kitchen cold rooms to food-industry storage.

PVC frame
Closes the panel opening and covers the panel edge

Adjustable hinges
Set the leaf for a leak-free seal

Sunk threshold
Below floor level, with heating — freezer doors



Door gasket
Seals the leaf against the frame

Insulated leaf
High-insulation PU foam, 68–92 mm

Leaf surface
Polyester-coated steel RAL 9002 or stainless steel

Hinged Door Accessories

All accessories available in stainless steel



Lock & Handle
External handle with lock; internal release



Door Gasket
Flexible profile for an airtight seal



Adjustable Hinge
Heavy-duty, adjustable leaf position



PVC Frame Profile
Covers panel edge, no counter-frame

03 · TEKNIK ÖZELLIKLER

Technical Specifications

Specification	Chiller Type	Freezer Type
Door type Kapı tipi	Insulated single-leaf hinged door, manual	
Application Kullanım	Chilled storage (0 °C and above)	Frozen storage (below 0 °C)
Leaf insulation Yalıtım	Polyurethane foam with a high heat-insulation level	
Leaf thickness Kanat kalınlığı	68 – 92 mm, depending on door type	
Leaf surface Kanat yüzeyi	Polyester-coated steel sheet RAL 9002 Option: stainless steel	
Frame Kasa	PVC frame closing the panel opening and covering the panel edge	PVC frame
Threshold Eşik	Not required	Threshold sunk below floor level
Heating Isıtma	Not required	Built-in heating
Hinges Menteşe	Adjustable hinges	
Handles Kollar	External handle with lock · internal release handle	
Sealing Conta	Door gasket between leaf and frame	
Hardware Aksesuarlar	Standard door hardware Option: stainless steel accessories	
Delivery Teslimat	Frame and leaf supplied pre-assembled	

Chiller Type

For chilled storage and smaller doors. The frame closes the panel opening and covers the panel edge, so no counter-frame or extra panel closing is needed.

Freezer Type

For frozen storage. Fitted with a threshold sunk below floor level and built-in heating to keep the door free of ice.

04 · KODLAMA VE SEÇİM

Nomenclature & Selection Guide

Every Frigo System hinged door is defined by a single order code. Choose the opening direction, leaf thickness, application, clear opening and options — we build the door to that code.

FHD	–	R	–	92	–	F	–	90×190	–	S

FHD	L / R	68 / 92	C / F	W×H	S · X
Model	**Opening**	**Leaf thickness**	**Application**	**Clear opening**	**Options**
Frigo System Hinged Door	Hinges left or right, seen from outside	mm, by door type	C: chiller F: freezer, sunk threshold + heating	Free passage width × height, cm	S: stainless accessories X: stainless leaf

Wall opening required for the frame

W1 = W + 70 mm
Frame space width = clear width + 70 mm

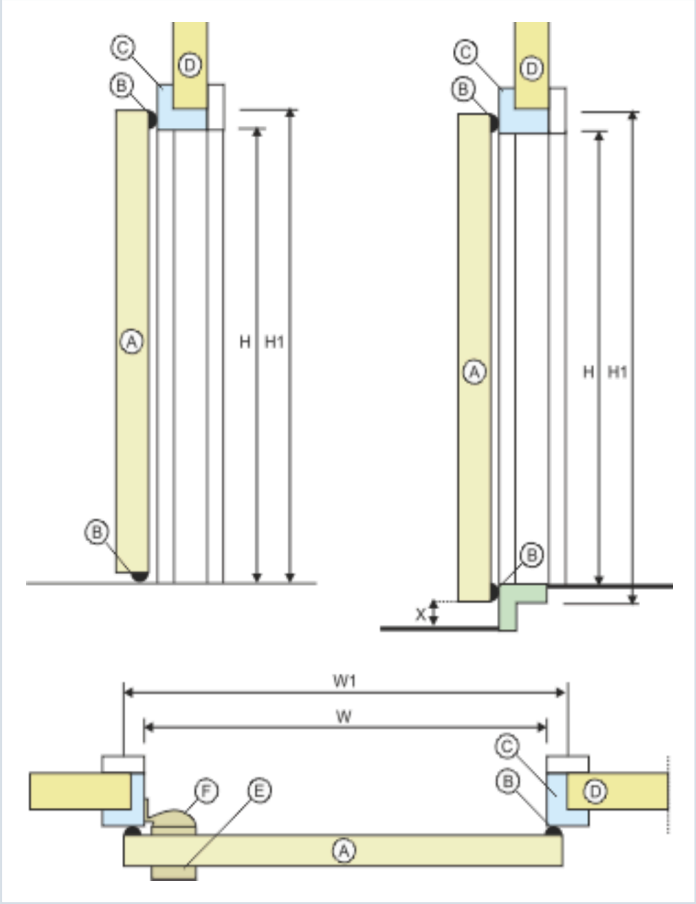
H1 = H + 40 mm
Frame space height = clear height + 40 mm

Standard clear openings · custom sizes on request

Clear opening W × H (cm)	Wall opening W1 × H1 (cm)	Typical use	Chiller	Freezer
80 × 180	87 × 184	Small walk-in coolers	●	●
80 × 190	87 × 194	Kitchens, restaurants	●	●
90 × 190	97 × 194	Supermarkets, hotels	●	●
90 × 200	97 × 204	Food plants, personnel access	●	●
100 × 200	107 × 204	Hand trolleys	●	●
120 × 200	127 × 204	Roll containers, wide access	●	●

05 · MONTAJ VE BAĞLANTI DETAYLARI

Installation & Fixing Details



A	Door leaf
B	Gasket
C	Door frame
D	Sandwich panel
E	Door external handle
F	Door internal handle
H	Clear height
H1	Space for frame (H + 40 mm)
W	Clear width
W1	Space for frame width (W + 70 mm)

The door frame and leaf reach you combined. If there is any deformation or damage to the door, please contact your representative.

Assembly process

1. Prepare the space for the door frame according to the clear passage dimensions: W1 = W + 70 mm, H1 = H + 40 mm.
2. Place the door frame in the opening and screw it from panel to frame, using screws suited to the panel thickness.
3. After fixing the whole frame, apply polyurethane foam to the gap between panel and frame and let it dry.
4. Using the adjustable hinges, set the leaf so the gasket does not rub on the floor and there is no heat leakage.

Maintenance: Lubricate the door hinges every 4 – 6 months. · Kapı menteşelerini 4 – 6 ayda bir yağlayınız.

06 · RENKLER VE ÖZEL SEÇENEKLER

Colours & Custom Options

The standard leaf finish is polyester-coated steel in RAL 9002; stainless steel is available for demanding hygiene areas. Other RAL colours can be supplied on request.

RAL 9002
Grey White · standard

Stainless
Stainless steel leaf

RAL 9010
Pure White

RAL 9016
Traffic White

RAL 7035
Light Grey

RAL 7016
Anthracite Grey

RAL 5015
Sky Blue

RAL 5010
Gentian Blue

RAL 3000
Flame Red

RAL 1018
Zinc Yellow

RAL 6024
Traffic Green

RAL 2009
Traffic Orange

Printed colours may differ slightly from the RAL scale.

From order to service

Quality

Doors are produced and assembled in our own factory with controlled materials and workmanship.

Delivery & Export

Careful packing, export documentation and logistics to the USA, Europe, the Caucasus, the Middle East and Africa.

Installation

Installation by our team, or supervision and full fixing details for your installer.

After-Sales Service

Spare parts — gaskets, hinges, handles and locks — and maintenance support for the life of the door.

Complete cold room solutions

Hinged doors are part of our full range: cold room sandwich panels, floor panels, sliding, service, industrial 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 cold room doors and refrigeration solutions, get in touch with us.

PHONE
+90 554 944 18 31

E-MAIL
info@frigosys.com

WEB
www.frigosys.com

ADDRESS
Altıntepe Mah. İstasyon Yolu Sok.
No: 3/1 Maltepe / İstanbul / Türkiye

Engineered for cold.
Built to last.