FrigoSys
Master Cold Enginering

PRODUCT CATALOG · 2026

COLD ROOM DOORS

Sliding Cold Room Door

FOR CHILLER AND FREEZER ROOMS

SOĞUK ODA SÜRGÜLÜ KAPI · MUHAFAZA VE ŞOKLAMA ODALARI IÇIN



92 / 120 MM LEAF

42 KG/M³ PU INJECTION

RAL 9002 STANDARD · ANY COLOUR

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.

Sliding Cold Room Door

Frigo System sliding doors are built for cold rooms and access points that need a wide opening and frequent passage — fruit & vegetable stores, meat and fish storage, blast freezers and logistics cold stores. The door runs on a heavy-duty aluminium rail and seals tightly against the frame when closed.

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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 · ÖZELLIKLER VE AVANTAJLAR

Features & Advantages

Key Features

- Two leaf thicknesses: 92 mm for cold rooms, 120 mm for freezer rooms
- High-pressure injected polyurethane leaf, 42 kg/m³ density
- Frame made of combined PVC plastic and aluminium parts
- Door leaf and frame in anodized aluminium with thermal break to stop heat transfer
- EPDM rubber-based gasket system — soft gasket for an airtight seal
- Heavy-duty aluminium rail with reinforced, large-diameter ball-bearing wheels
- Galvanized steel leaf, industrial powder coating in RAL 9002
- Freezer doors: 220 V, 25 W/m silicone-based frame heater

Optional Features

- Seamless leaf surface in 1.5 mm AMB (antimicrobial) GRP for hygienic areas
- Door leaf in any desired RAL colour
- Automatic operation with electric motor drive
- Floor threshold
- 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 and logistics centres, meat, fish and dairy plants, fruit & vegetable stores, controlled-atmosphere and banana ripening rooms, blast freezers.

Advantages

Airtight sealing

EPDM gasket on the whole perimeter; wheel bolts allow the leaf to be pressed tight against the frame.

Smooth operation

Large-diameter ball-bearing wheels on a heavy-duty aluminium rail for easy, quiet sliding.

No thermal bridges

Thermally broken anodized aluminium profiles and PU-injected leaf keep the cold inside.

Freeze protection

220 V silicone heater in the freezer door frame stops the gasket from freezing to the frame.

Hygienic surface

Powder-coated steel or seamless antimicrobial GRP — easy to clean, suitable for food areas.

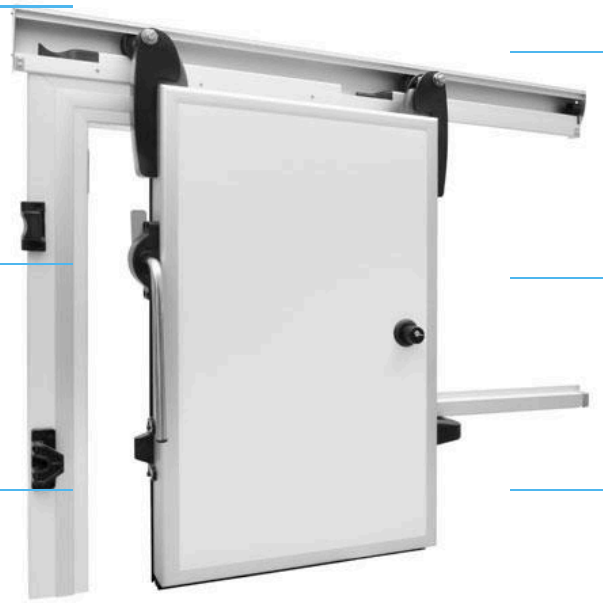
Easy installation

Frame fixes directly to the sandwich panel with self-tapping screws; no auxiliary structure.

02 · KAPI YAPISI

Cold Room Sliding Door

Sliding doors suit applications from chilled storage at 0 °C and above to frozen storage below zero. They are the right choice for wide openings and busy entrances where pallet trucks and forklifts pass all day.



Heavy-duty rail
Aluminium rail, reinforced large-diameter ball-bearing wheels

PVC + aluminium frame
Thermally broken, anodized profiles

Optional motor drive
Automatic opening and closing

EPDM gasket
Soft gasket, airtight seal on closure

Insulated leaf
42 kg/m³ PU injection, 92 or 120 mm

Leaf surface
Galvanized steel RAL 9002 or 1.5 mm AMB GRP

Sliding Door Accessories

All accessories available in stainless steel



Wheel Carriage
Ball-bearing roller with hanger bracket



Lock with Inside Release
Key cylinder lock, opens from inside



Opening Lever
Handle and lever for manual operation



Compression Ramp
Presses the leaf onto the gasket on closing



Door Keeper
Holds the leaf in the closed position



Floor Guide
Guides the leaf at the bottom while sliding

03 · TEKNIK ÖZELLIKLER

Technical Specifications

Specification	Chiller Type	Freezer Type
Door type Kapı tipi	Insulated single-leaf sliding door, manual or motorised	
Application Kullanım	Chilled storage (0 °C and above)	Frozen storage (below 0 °C)
Leaf insulation Yalıtım	High-pressure injected polyurethane, 42 kg/m³ density	
Leaf thickness Kanat kalınlığı	**92 mm**	**120 mm**
Leaf surface Kanat yüzeyi	Galvanized steel sheet, industrial powder coating RAL 9002 Option: seamless 1.5 mm AMB (antimicrobial) GRP	
Leaf & frame profiles Profiller	Anodized aluminium with thermal break, prevents heat transfer	
Frame Kasa	Combined PVC plastic and aluminium frame, fixed to wall or sandwich panel	
Sealing Conta	EPDM rubber-based soft gasket system	
Rail system Ray sistemi	Heavy-duty aluminium rail, reinforced large-diameter ball-bearing wheels	
Frame heater Kasa rezistansı	Not required	220 V, 25 W/m silicone-based heater
Floor threshold Eşik	No floor profile as standard · threshold available as option	
Hardware Aksesuarlar	Standard door hardware Option: stainless steel accessories	
Colour Renk	RAL 9002 standard · any RAL colour on request	
Operation Kullanım şekli	Manual, left or right opening Option: automatic operation with electric motor	

Chiller Type

For fruit & vegetable, dairy, meat and general chilled storage. 92 mm leaf with EPDM gasket — no frame heater needed.

Freezer Type

For frozen storage and blast freezers. 120 mm leaf with 220 V, 25 W/m silicone heater in the frame to keep the gasket free of ice.

04 · KODLAMA VE SEÇİM

Nomenclature & Selection Guide

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

FSD – R – 120 – 150×250 – M

FSD	L / R	92 / 120	W×H	M · T · S
Model	**Opening**	**Leaf thickness**	**Clear opening**	**Options**
Frigo System Sliding Door	Left or right opening, seen from outside	92: cold room 120: freezer, with frame heater	Free passage width × height, cm	M: motor drive T: floor threshold S: stainless accessories

Leaf thickness by room type

92 mm
Cold rooms · chilled storage, 0 °C and above

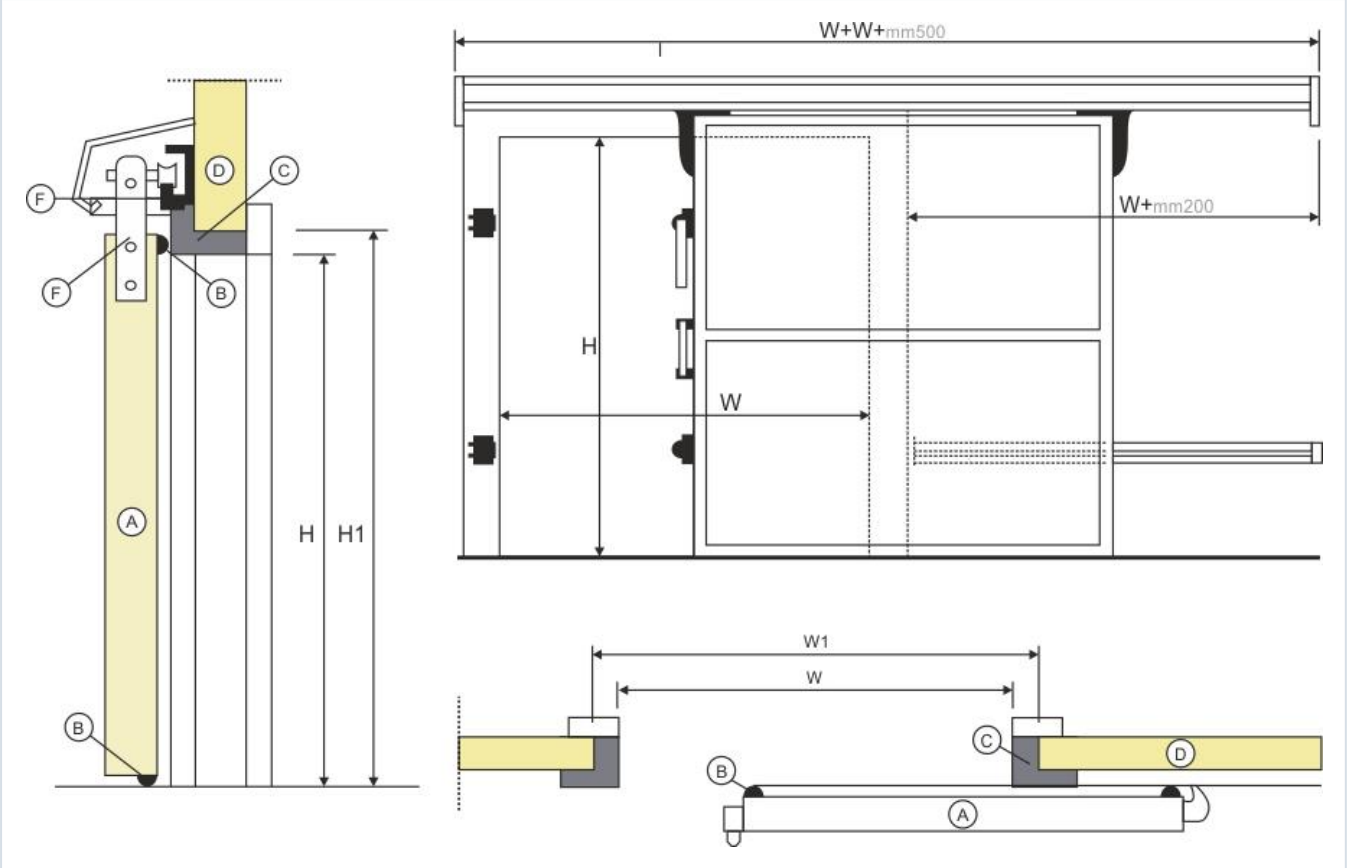
120 mm
Freezer rooms · frozen storage below 0 °C, with frame heater

Standard clear openings · custom sizes on request

Clear opening W × H (cm)	Typical use	92 mm	120 mm
100 × 200	Personnel, hand trolleys	●	●
120 × 200	Personnel, roll containers	●	●
150 × 200	Hand pallet trucks	●	●
150 × 250	Pallet trucks, high loads	●	●
200 × 250	Forklifts, stackers	●	●
200 × 300	Forklifts, high pallets	●	●
250 × 300	Heavy forklift traffic	●	●

05 · MONTAJ VE BAĞLANTI DETAYLARI

Installation & Fixing Details



A	Polyurethane-injected door leaf
B	Soft door gasket
C	PVC and aluminium frame
D	Wall or sandwich panel
E	Carrier system
F	Movement mechanism
H / H1	Clear height / frame space height
W / W1	Net space width / frame opening width

Installation steps

1. The door frame must be plumb and parallel. For sliding doors the rail is centred on top of the vertical casings.
2. If the floor is sloping, set the high side first and level the opposite side to match.
3. Fix the door frame to the panel surface with self-tapping screws longer than the panel thickness.
4. Align the rail with the frame and fix it to the wall with plastic screws. There must be no imbalance between rail and leaf.
5. Place the door leaf on the rail. Adjust the bolts on the wheels so the door closes tight and airtight.

Maintenance: Lubricate and service the moving mechanism on the door periodically. · Kapı üzerindeki hareketli mekanizmayı periyodik olarak yağlayınız.

06 · RENKLER VE ÖZEL SEÇENEKLER

Colours & Custom Options

The standard leaf colour is RAL 9002. Match your doors to your corporate colours or to colour-coded zones in your plant — any RAL colour is available on request.

RAL 9002
Grey White · standard

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



AMB GRP
1.5 mm antimicrobial

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, wheels, heaters and hardware — and maintenance support for the life of the door.

Complete cold room solutions

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

FrigoSys
Master Cold Enginering

Contact Us

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

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Engineered for cold.
Built to last.