FrigoSys
Master Cold Enginering

PRODUCT CATALOG · 2026

INDUSTRIAL DOORS

Sectional Industrial Door

SECTIONAL DOOR CATALOG · LOADING AND UNLOADING POINTS

SEKSİYONEL KAPI KATALOĞU · YÜKLEME VE BOŞALTMA NOKTALARI



40 mm PANEL THICKNESS

50 kg/m³ POLYURETHANE DENSITY

11 LIFTING TYPES

HAKKIMIZDA · ABOUT US

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 Sectional Door

Sectional industrial doors are used at the goods entry and exit, loading and unloading points of factory and warehouse buildings. Their 40 mm sandwich panels, with polyurethane injected between galvanized steel sheets, provide sound and heat insulation.

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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 UYGULAMALAR

Features & Applications

Key Features Temel Özellikler

- Opens by sliding upward along the side rails, on hinges and wheels mounted on both sides of the door panels
- Moved by steel rope wrapped around the drums
- Lifting type selected to make the best use of the distance between the top of the door and the ceiling
- Door body formed of 40 mm sandwich panels
- Polyurethane of 50 kg/m³ density injected between galvanized steel sheets for sound and heat insulation
- Finger-protection, aluminium, microwave, smooth and full-vision panel options
- Manual or motorized operation
- Spring break and cable break safety devices

At a glance Bir bakışta

40 mm
Panel thickness

50 kg/m³
Polyurethane density

11
Lifting types

Where it is used Kullanım alanları

Goods entry and exit
Provides circulation at the goods entry and exit points of factory and warehouse buildings.

Loading and unloading
Used at the loading and unloading points of factories and warehouses.

Ramp applications
Applied together with level-adjustable ramps and truck bed compactor PVC bellows.

Advantages Avantajlar

Durable
Among the most durable and long-lasting doors for goods traffic.

Insulated
Sound and heat insulation where the door is applied.

Smooth and safe
With ramps and PVC bellows, loading and unloading run smoothly and safely.


Sectional doors on a warehouse facade


Loading point with ramp and bellows

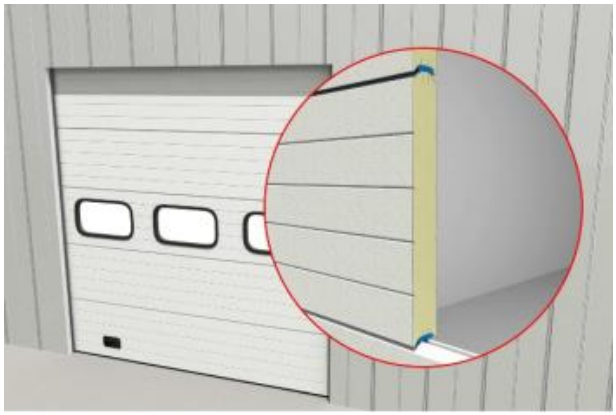
02 · KAPI BİLEŞENLERİ

Door Components

The door panels run along the side rails on hinges and wheels, moved by steel rope wrapped around the drums.



Sectional door with rail system



Panel section



Rail and wheel



Hinge and rail detail



Motor



Hardware set



Torsion spring

Sandwich panel

40 mm panels with polyurethane between galvanized steel sheets.

Rail system

Hinges and wheels on both sides of the panels run along the side rails.

03 · PANEL SEÇENEKLERİ VE YAPISI

Panel Options & Structure


Finger-protection panel


Aluminium panel

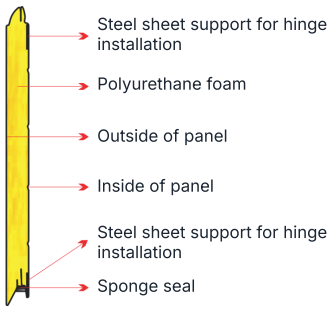

Microwave panel


Smooth panel

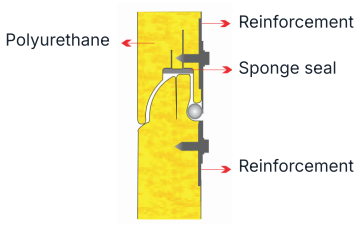

Full-vision panel

Panel structure Panel yapısı

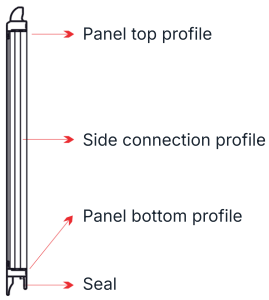
Panel cross-section



Panel joint



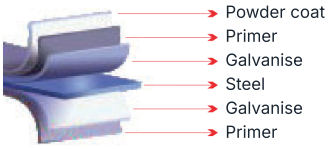
Full-vision panel profile



Finger-protection panel structure



Painted panel exterior surface



Finger-protection full-vision panel




Door with full-vision panels


Full-vision and coloured panels


Door with windows and wicket door

04 · RENKLER VE AKSESUARLAR

Colours & Accessories

Standard colours Standart renkler

RAL 9002
Grey White

RAL 9006
White Aluminium

RAL 7016
Anthracite Grey

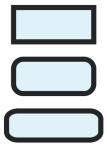
RAL 3020
Traffic Red

RAL 1018
Zinc Yellow

RAL 5005
Signal Blue

All RAL colours are applicable except fluorescent colours. Printed colours may differ slightly from the RAL scale.

Accessories Aksesuarlar



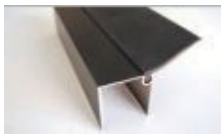
Rectangular windows



Torsion springs, painted (standard)



Bottom weatherseal



Top weatherseal



Side weatherseal



Door handle



Slide bolt



Manual operation



Motorized operation



Control panel

Entry control choices Geçiş kontrol seçenekleri



Vehicle detecting activation sensor | Push button | Pull cord | Remote control | Magnetic loop | Photocell | Proximity sensor | RFID pass | License plate recognition

Safety devices and wicket doors Emniyet tertibatları ve yaya kapıları



Spring break safety device



Cable break safety device

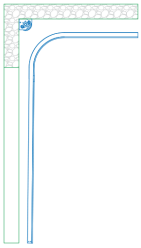


External, incorporated and low threshold incorporated wicket doors

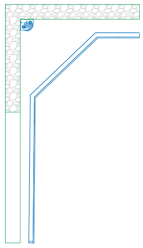
05 · YATAKLAMA TİPLERİ

Lifting Types

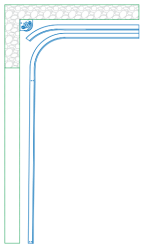
The lifting type is selected to make the best use of the distance between the top of the door and the ceiling.



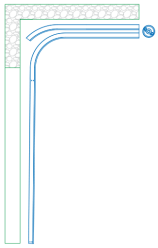
IND 420
Standard lift



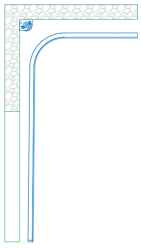
LSR
Standard lift, wider radius



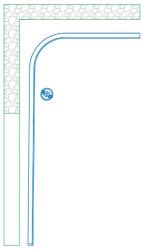
IND 300
Low headroom lift with spring assembly at front



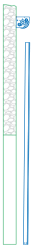
IND 230
Low headroom lift with spring assembly at rear



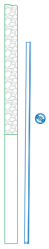
HL
High lift with spring assembly at front



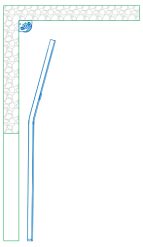
HLR
High lift, springs are behind panels



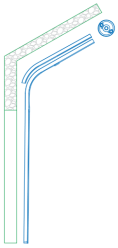
VL
Vertical lift with spring assembly at front



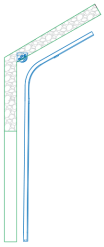
VLR
Vertical lifting, springs are behind panels



VLBA
Vertical lift, inclined



FLR
Inclined low headroom, rear lifting



FTR
Inclined standard lifting

Choosing the type

The type depends on the opening and ceiling measurements on page 08. Consult our company whenever necessary.



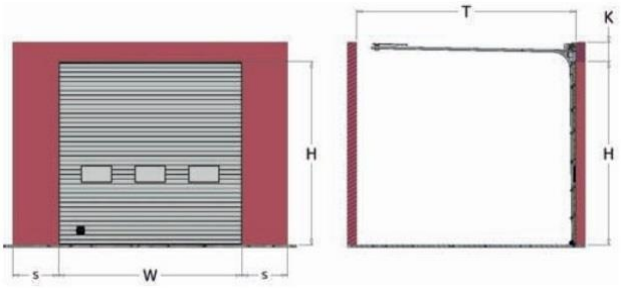
Door open, panels under the ceiling



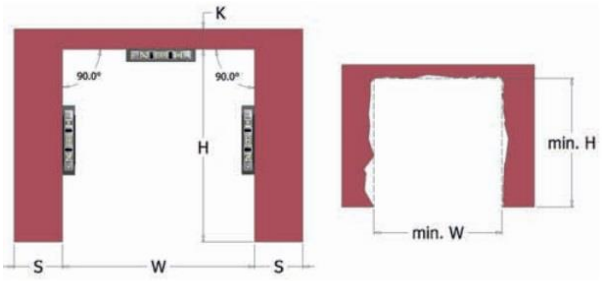
Workshop entrance with sectional door

06 · ÖLÇÜLER VE TEKNİK ÖZELLİKLER

Dimensions & Specifications



Opening, front view and section



Side clearances and minimum opening

W width · **H** height · **K** headroom · **S** side room · **T** depth

Measure	Required space
K	400 mm / 420 mm / 500 mm
S + S	min. 100 mm + 100 mm (Manual) min. 100 mm + 300 mm (Motorized)
T	H + 700 mm

Technical specifications Teknik özellikler

Specification	Frigo System Sectional Door
Product Ürün	Sectional industrial door for goods entry and exit, loading and unloading points
Door body Kapı gövdesi	40 mm sandwich panels
Insulation Yalıtım	Polyurethane, 50 kg/m³, injected between galvanized steel sheets
Movement Hareket	Hinges and wheels on both sides of the panels, side rails, steel rope on drums
Panel options Panel seçenekleri	Finger-protection, aluminium, microwave, smooth, full-vision
Colours Renkler	RAL 9002, 9006, 7016, 3020, 1018, 5005; all RAL colours except fluorescent
Operation Kullanım	Manual or motorized
Seals Contalar	Bottom, top and side weatherseals
Safety devices Emniyet	Spring break and cable break safety devices

07 · MONTAJ VE GÜVENLİK

Installation & Safety

Safety is not an option but a standard.

Important warnings

- Installation, maintenance, repair and dismantling of industrial sectional doors with standard lifting must be carried out by specialists.
- The installation team must comply with the regulations on occupational safety.
- Before operation, make sure the door is mechanically flawless and check that the door-spring balance is in place for manual use (EN 12604).
- During installation, take the necessary measures against the hazards and risks specified in EN 12604 and EN 12453.

Installation Montaj

- Consult our company whenever necessary.
- This document describes the general installation of the sectional door components. For optional products such as motors and safety components, follow their own installation manuals.
- Unauthorized people and children must not enter the risk zone during installation; only qualified installation personnel may be there.
- Provide adequate lighting during installation.
- Remove materials and waste that may pose a risk or prevent installation from the installation area.
- The drawings and descriptions here were prepared according to the product standards; take the necessary measures for the site conditions during installation.
- Make sure the installation area dimensions match the ordered door dimensions and that no channels, pipes, beams or similar elements prevent installation.
- Make sure the floor, walls and beam surface can bear the door weight. Otherwise create a firm surface with an installation frame.
- Make sure all materials and tools required for installation are complete. Check and count them before starting work.



Door during installation



Door on a warehouse wall



Doors in RAL colour

FrigoSys
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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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