FrigoSys
Master Cold Enginering

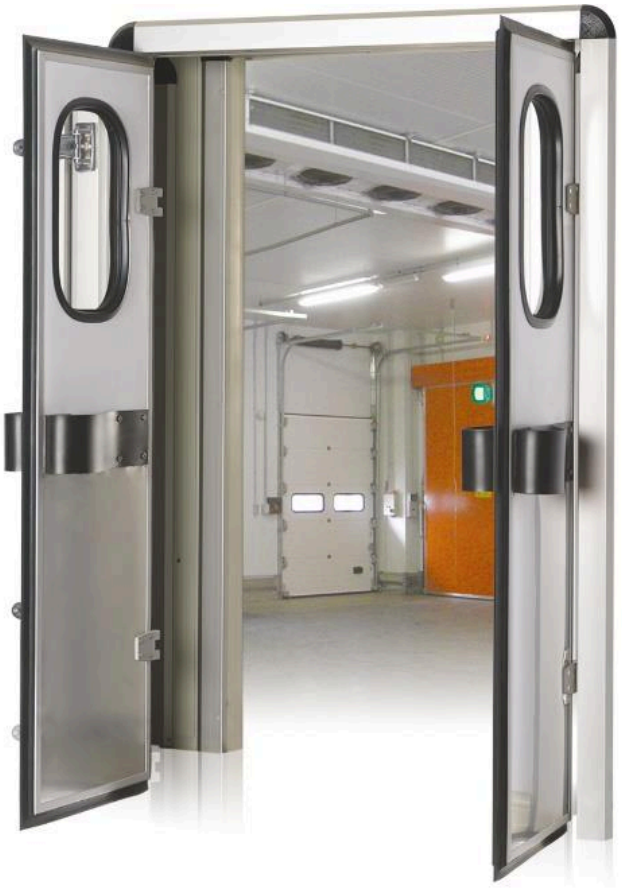
PRODUCT CATALOG · 2026

COLD ROOM DOORS

Service Flip-Flap Door

SEMI-INSULATED SWING DOOR FOR AIR-CONDITIONED ROOMS

SERVIS KAPISI · YARI YALITIMLI FLIP-FLAP KAPI



40 mm PU-INJECTED LEAF

> +12 °C AIR-CONDITIONED ROOMS

30×60 CM VISION WINDOW

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.

Service Flip-Flap Door

Frigo System semi-insulated flip-flap doors are designed for installation in air-conditioned rooms. A light, self-closing swing door for busy service passages between working areas — supplied for installation on panel or brick wall.

CONTENT · İÇINDEKILER

03 Features & Applications
Özellikler ve kullanım alanları

04 Door Components
Kapı bileşenleri

05 Technical Specifications
Teknik özellikler

06 Dimensions & Versions
Ölçüler · tek ve çift kanat

07 Options
Opsiyonlar

08 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 KULLANIM ALANLARI

Features & Applications

Key Features

- 4 cm door leaf — two pre-painted sheet metal skins with high-density injected polyurethane foam
- 2 plastic hinges with return spring — self-closing
- Doorstop at 90°
- Crush-proof gasket on the vertical edges
- Anodized aluminium frame and counterframe with invisible fastening
- Rubber finger protection on the door panel profile
- For installation on panel or brick wall

Operating conditions

> +12 °C
Minimum working temperature

ΔT < 12 °C
Temperature difference between the two sides

R.H. < 60 %
Relative humidity

Service door only: not for uses requiring a hermetic or thermal seal. For cold rooms and freezers choose our hinged or sliding cold room doors.

Where it is used · Kullanım alanları

Air-conditioned rooms
Passages between conditioned working areas

Food processing
Packing and production halls above +12 °C

Supermarkets
Between sales area and back-of-house

Commercial kitchens
Kitchen, preparation and service areas

Warehouses
Personnel and trolley passages

Hospitals & labs
Service corridors with frequent passage

02 · KAPI BILEŞENLERI

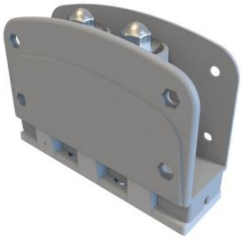
Door Components

A light, self-closing swing door: the leaf opens with a push and returns to the closed position with the spring hinges, so trolleys and staff pass quickly without handles.





Crush-proof gasket
On the vertical edges of the leaf



Return-spring hinge
2 plastic hinges per leaf, doorstop at 90°

Insulated leaf
4 cm, high-density injected PU between two pre-painted steel skins.

Aluminium frame
Anodized aluminium frame and counterframe with invisible fastening.

Finger protection
Rubber profile on the door panel edge protects hands.

03 · TEKNIK ÖZELLIKLER

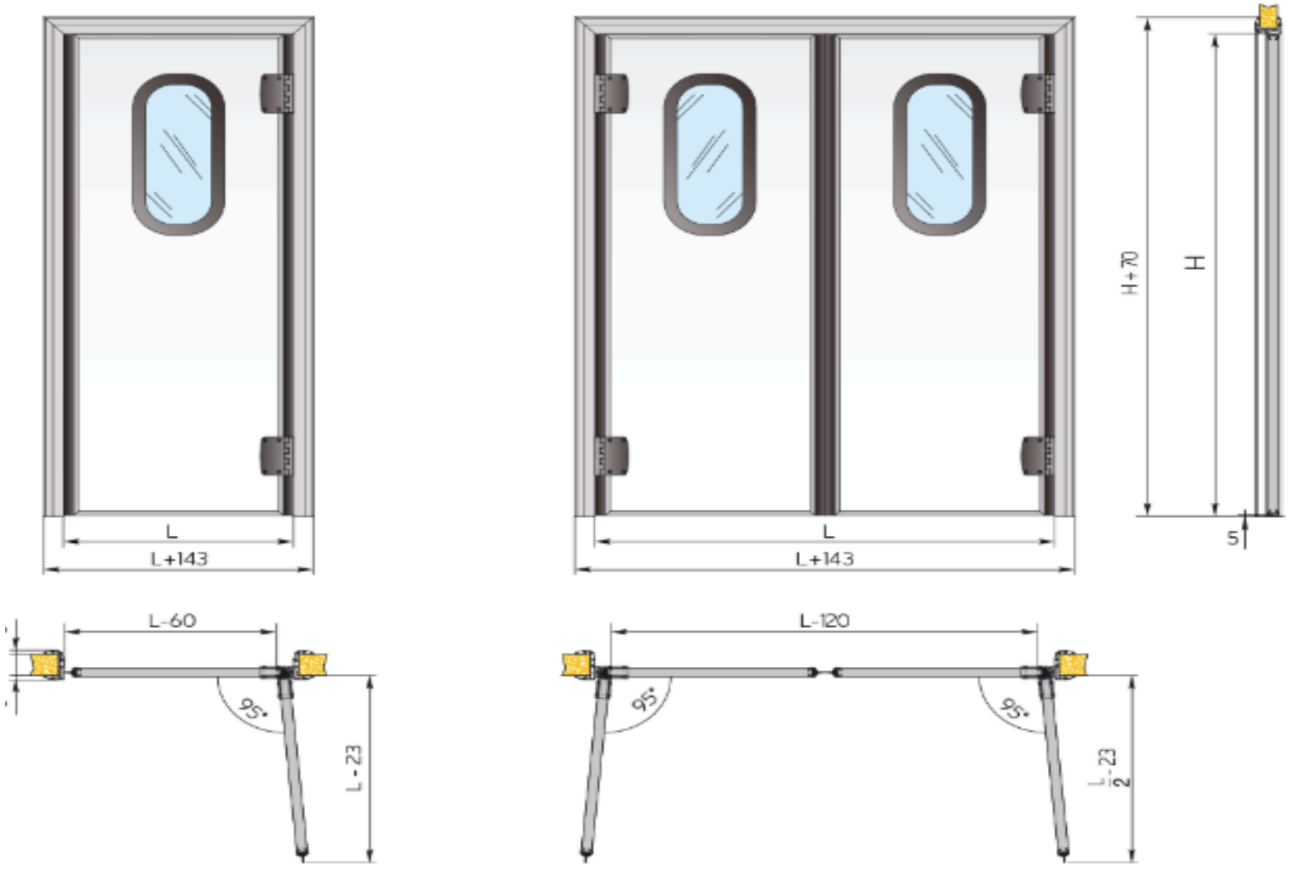
Technical Specifications

Specification	Service Flip-Flap Door
Door type Kapı tipi	Semi-insulated flip-flap swing door, self-closing · single or double leaf
Application Kullanım	Air-conditioned rooms · service door only, not for hermetic or thermal sealing
Working conditions Çalışma şartları	Min. working temperature > +12 °C · ΔT < 12 °C · R.H. < 60 %
Leaf thickness Kanat kalınlığı	40 mm
Leaf construction Kanat yapısı	Two pre-painted sheet metal skins, high-density injected polyurethane foam
Colour Renk	White RAL 9010
Hinges Menteşe	2 plastic hinges with return spring per leaf · doorstop at 90°
Sealing Conta	Crush-proof gasket on the vertical edges
Frame Kasa	Anodized aluminium, invisible fastening system
Counterframe Karşı kasa	Anodized aluminium, invisible fastening system
Edge finish Kenar	Rubber finger protection fixed on the door panel profile
Vision window Pencere	Transparent polycarbonate, round edges with gasket, 30 × 60 cm
Mounting Montaj	On sandwich panel or brick wall

04 · ÖLÇÜLER

Dimensions & Versions

Available as single-leaf and double-leaf door. L = clear passage width, H = clear passage height.



L + 143 mm
Overall width of the frame

H + 70 mm
Overall height of the frame

Single leaf

One leaf opening to the 90° doorstop — for personnel passages. Leaf and swing dimensions as shown in the drawing.

Double leaf

Two leaves meeting in the centre — for trolleys and wider passages. Leaf and swing dimensions as shown in the drawing.

05 · OPSIYONLAR

Options

Vision window

Transparent polycarbonate window with round edges and gasket, 30 × 60 cm — safe passage with a view of the other side.

Kick plate

Kick plate on the leaf for faster trolley and vehicle passage and protection of the surface.

Single or double leaf

Single leaf for personnel, double leaf for trolleys and wide passages.

Complete cold room solutions

Service doors 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.

FrigoSys
Master Cold Enginering

Contact Us

For enquiries, quotations or technical support on our doors, panels 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.