

Data sheet

Refrigerated guillotine door

REFRIGERATED GUILLOTINE DOOR



Kavidors refrigerated guillotine doors are designed as a solution for cold rooms from (+0 °C) to (-40 °C) and access areas where there is no lateral clearance but there is clear height.

Options

- ✓ Framework.
- ✓ 300x300 double sight glass for chiller doors.
- ✓ Trim.
- ✓ Opening with prestressed springs.
- ✓ If there is no other outlet in the chamber, the door must be ordered with an incorporated pivot door, or an additional pivot door must be installed.

Frame

Built with **L-shaped extruded aluminum double thermal break bridge** for heating resistance in freezing temperature applications.

The **trim**, white lacquer and with a stainless finish, **adapts to any panel thickness**. Polished silver 20 micron anodized aluminum profiles, with a white lacquer option. Easy cleaning.

Panel

Superimposed on the frame. Composed of an anodized aluminum inner frame.

PIR foam injection, nominal density 40-45 kg/m³. The panel has a **double flexible co-extruded EPDM gasket** that ensures a **perfect seal**.

Maximum beam width	4.5 m
Maximum passage height	5.5 m

Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	100 mm	120 mm	140 mm

Guide

The panel slides along the vertical guides through the **bearing carriage system**. It also has the anti-fall-anti-tip safety **system of the panel thanks to its double guide patented by Kavidoors**, thus complying with the CE marking, which establishes the minimum requirements related to the safety of the product regarding the prevention of occupational risks of accidents.

Guide cover: built in AISI 304 stainless steel. Prevents the accumulation of dirt in the guide and improves the aesthetics of the door.

Lintel

Manufactured with a dip angle, thus facilitating cleaning and preventing the accumulation of dirt on the cables.
Lintel cover made of AISI 304/2B stainless steel.

Safety system

Safety chute in case of cable breakage and anti-impact photocell barriers with automatic return.



Automation

It is supplied **pre-installed**, so it has **easy and fast programming**. 3x400V at 50 Hz power supply.

Motor

Electronic limit switches and chute brake. IP65 motor with chain. 3x400C at 50 Hz power supply. Speed of 20-24 revolutions per minute. 0.45 kW/0.8 kW/1.1 kW power. **Resistance to industrial environments.**

Colors

We have a **wide variety of RAL colors** to meet the needs of each client.

Coatings

Wide range of coatings to guarantee **maximum durability, even in the most extreme environments:** lacquer steel (color band), AISI 304/2B stainless steel, PVC, PRFV...



Easy assembly

Quick and easy installation with little maintenance. Pre-assembled door. Adjustable.



Great resistance and durability

Corrosion resistance, even in extreme environments depending on the finish.



Design

Easy-clean hygienic finish.



Food industry

Optimal for the food industry.



Materials

Materials in stainless steel and anodized aluminum.



Mechanical elements

Strong and durable mechanical elements.



Temperature

Suitable for humid areas.



Wiring

Hidden wiring.



Guide in installation

Convenient access to the guide during installation, adjustment or repair.



Superior airtightness

High level of airtightness and insulation.



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