

2024 PRODUCT CATALOG

Industrial door manufacturers



At Kavidoors we are specialists in the field of insulation and refrigerated doors. We manufacture **industrial doors, refrigerators, hospitals and fire doors**. Our headquarters are in Spain, but, thanks to our network of installers and distributors, we are present worldwide in more than 30 countries in Europe, Africa and America.

KAVIDOORS is synonymous with cutting edge, design and innovation. We are the leading company in **quality door solutions for the food industry**, logistics and health. We help the client not only in the design and the product that best suits us, but also in **solving their problems**.



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Tecnik refrigerated sliding door



Kavidoors refrigerated sliding doors are specially designed for **negative temperature controlled environments**: laboratories, restaurants, meat industry, fishing industry ... for use in **cold rooms from (+0 °C) to (-20 °C). CE marking.**

The refrigerated sliding door has an **anti-fall-anti-tip safety system patented by Kavidoors** outstanding.

Frame

Self-supporting refrigerated frame built with **L-shaped extruded aluminum profiles** treated in 20 micron anodized polished silver, with white lacquer option.

This profile has a **double thermal break bridge** and **trim** that **adjust to any thickness** in panel sections.

Panel

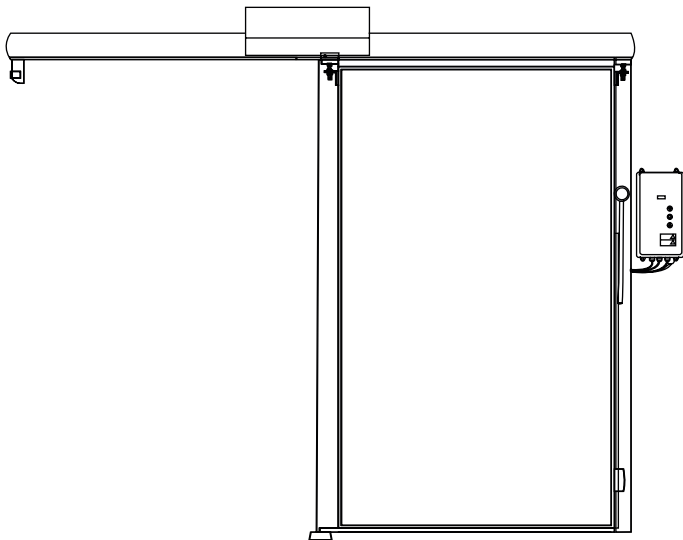
Superimposed on the frame. Composed of an anodized aluminum inner frame. **PIR foam core**, nominal density 40-45kg/m3. The panel has a **double flexible EPDM gasket** that ensures a **perfect seal**.

Maximum beam width	2,5 m
Maximum passage height	2,8 m

Temperature	+0 °C	-20 °C
Panel thickness	80 mm	100 mm

Options

- Guide Covers.
- Automation.
- Upper guide start.
- Hood system for overhead rail passage.
- ISO sight glass for chiller doors.
- White lacquer frame.
- Manual/automatic key lock.
- Stainless steel/checkerboard guard.
- Pull handle.



Guide

The panel is clamped and slides through the **two-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.

Lower guide formed by an aluminum guide profile on the panel, guide runner on the ground and pressure skid.

It has an **upper guide** formed by an aluminum profile with a polyethylene tread with a **double dip of 45°**.

In freezing areas, forklift passage embedded in the ground with accommodation for the 50w/ml resistance.

The **hygienically designed aluminum track cover** makes **cleaning and maintenance easy**.

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, PET...

Colors

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

Fittings

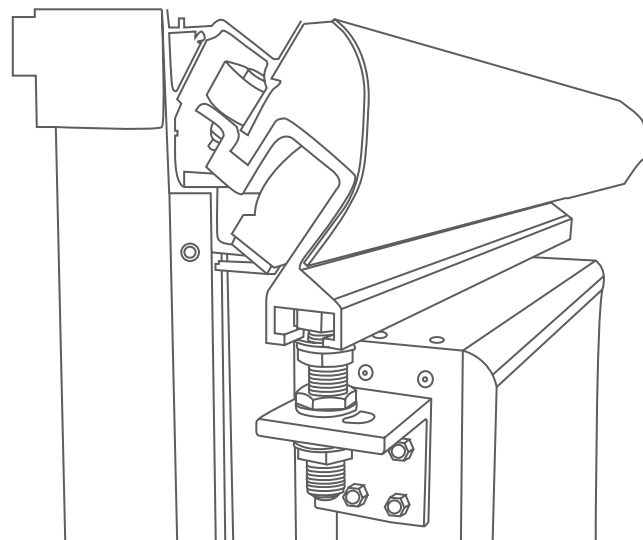
Inner and outer handle with phosphorescent inner base.



Anti-fall-anti-tip safety system

At Kavidoors we have patented an exceptional anti-fall-anti-tip safety system for sliding doors on the market. This prevents the door from collapsing despite receiving a great impact, thus protecting users from accidents due to its fall.

This system consists of a **double safety guide** that allows the opening and closing of sliding elements. It is capable of **supporting large structural loads**, providing closure security by having technical characteristics and a design adequate, which prevents it from being easily disassembled or released while moving or stationary.



Industrial refrigerated sliding door



Kavidoors refrigerated sliding doors are specially designed for use in **refrigerated spaces for chiller (+0 °C), freezer (-20 °C) rooms and freezer tunnels (-40 °C)**. Ideal for negative temperature controlled environments such as laboratories, restaurants, meat industry or fishing industry, among others. It is recommended for installation in **cold rooms and access areas requiring large doors or overhead passages. CE marking.**

The refrigerated sliding door has an **anti-fall-anti-tip safety system patented by Kavidoors** outstanding.

Frame

Self-supporting refrigerated frame built with **L-shaped extruded aluminum profiles** treated in 20 micron anodized polished silver, with white lacquer option.

This profile has a **double thermal break bridge** and **aluminum trim that adjust to any thickness** in panel chambers.

Panel

Superimposed on the frame. Composed of an anodized aluminum inner frame. **PIR foam core**, nominal density 40-45 kg/m³. The panel has a **double flexible EPDM gasket** that ensures a **perfect seal**. White lacquer trim with stainless steel finish.

Maximum beam width	4 m
Maximum passage height	6 m
Maximum total area	12 m²

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



Easy assembly

Quick, easy installation and easy maintenance. Pre-assembled door.



Door

Light and revolving door.



Adjustable

Precision adjustment with 4 points.



Auxiliary structure

Does not require auxiliary structure.



Fire

Excellent performance against fire with PIR foam.



Mechanical elements

Strong and durable mechanical elements.



Functional features

Optimal climatic, hygienic and sanitary functional qualities.



Frame

Self-supporting frame customizable to any thickness.



Food industry

Suitable for contact with food.



PIR insulation

10% additional insulation with PIR foam.

Options

- Custom panels.
- Automation.
- Choice of frame model.
- Hood system for overhead rail passage.
- Door designed entirely out of stainless steel.
- Industrial refrigerated sliding double door.
- Anodized trim.
- Pull handle.
- White lacquer frame.
- Double pane ISO-sight glass for chiller doors (+0 °C).
- Lock for manual or automatic door.

Guide

Guide on self-supporting refrigeration frame. The panel is clamped and **slides in one piece** 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.

Lower guide formed by an aluminum guide profile on the panel, guide runner on the ground and pressure skid for the panel with the frame.

It has an **upper guide** formed by an aluminum profile with a polyethylene tread with a **double dip of 45°**.

Forklift passage embedded in the ground with housing for resistance.

The **hygienically designed aluminum track** cover **makes cleaning and maintenance easy**.

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, PET...

Industrial refrigerated sliding double door

Kavidoors refrigerated sliding double door are specially designed for negative temperature controlled environments **for use in cold storage chambers 0 °C), of freezing (-20 °C) and freezing tunnels (-40 °C)**.

The refrigerated sliding double door also has an exceptional **anti-fall-anti-tip safety system** patented by Kavidoors.

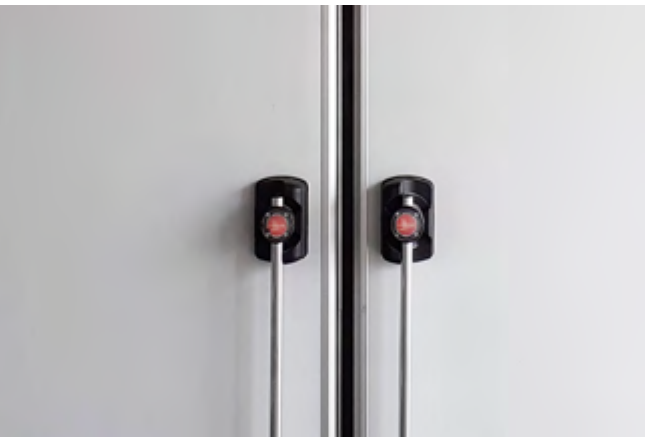
Fittings

Maneta interior y exterior con base interior fosforescente.



Colors

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



Anti-fall-anti-tip safety system

This system consists of a **double safety guide** that allows the opening and closing of sliding elements. It is capable of **supporting large structural loads**, providing closure security by having technical characteristics and a design adequate „, which prevents it from being easily disassembled or released while moving or stationary.



Easy assembly
Quick and easy installation with low maintenance. Pre-assembled door.



Flexibility
Customizable to any thickness and frame.



Adjustable
Precision adjustment with 4 points. PE bearings.



Auxiliary structure
Does not require auxiliary structure.



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



Mechanical elements
Strong and durable mechanical elements.



Functional features
Optimal climatic, hygienic and sanitary functional qualities.



Frame
Self-supporting frame customizable to any thickness.



Food industry
Suitable for contact with food.



Airtightness
High level of airtightness and durability.

Refrigerated sliding fire door



The **Kavidoors sliding fire door**, model Ei2-60, has been manufactured basically with stainless steel, both the structural elements of the leaf, frame and hardware, managing to withstand the tests to which they have been submitted for approval.

The pivoting firebreak refrigeration door can be manufactured for storage (+ 0°C) and freezing (-20°C / -40°C) chambers. It has passed the fire resistance test according to Ei2-60 regulation. **High level of tightness**, thanks to **Quad-Core** insulation and gasket intumescent installed on the perimeter of the door.

Frame
It does not require structure. Self-supporting.

Security systems
Automatic closing in case of fire; **intumescent joints** with expansion of up to 20 times its thickness **to prevent the passage of fire and seal the room** completely.

MFZ automation consisting of a gearmotor with a reversible system, a speed variator connected to the fire alarm center.

Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	170 mm	170 mm	170 mm

Panel
Finished in white band sheet or stainless. **High flexibility** gasket for achieve a **perfect tightness**.

Quad-Core thermal insulation protects 20% more than PIR foam. Help the conservation of the environment by **reducing smoke emissions** in a fire and being **free of CFC, HCFC and HFC**.

Maximum beam width	4 m
Maximum passage height	5 m

Guide
Blade slides through **hangers upper** provided in a **guide-rail**. The Nylon bearings **prevent dirt and wear from sticking**.

Anti-fall-anti-tip safety system patented by Kavidoors that prevents the door from collapsing.

Coatings
Wide range of coatings to guarantee **maximum durability, even in the most aggressive environments**:
Lacquered steel (bandacolor), AISI 304 / 2B stainless steel.

- Options**
- Manual or automatic.
 - Without door closers.
 - Stainless finish.



QuadCore Insulating Core

23%
More efficient than a panel insulating with PIR type core.

28%
More efficient than a panel insulating with PUR type core.

More than double
Insulation than a rock wool core panel.

Fittings

Automatic opening and closing. In case of fire the automation is closed by the fire alarm signal. Guide and closure system adapted to **withstand high temperatures**.

Special firebreak labyrinth for doors with fall. Specific fastening elements of the leaf to the frame.



Test standard: UNE EN 1634-1:2006 +A1:2018.

Classification: UNE EN 13501-2:2019

Controlled atmosphere sliding door



Kavidoors controlled atmosphere sliding doors are specially designed for **chiller rooms, fruit and vegetable ripening, controlled atmosphere applications and storage at very low levels of oxygen [Ultra Low Oxygen]**. CE marking and UNE-EN 13241-1 certification.

Frame

Built with L-shaped extruded **aluminum profiles**. This profile has a **double thermal break bridge** and injected with polyurethane foam to ensure **airtightness**.

In case of being fixed in brickwork, the frames will have metallic claws for an ideal grip.

Panel

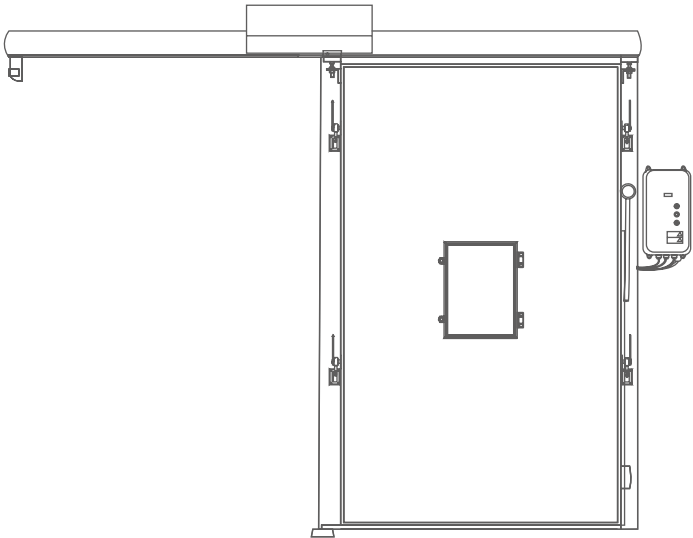
120 mm **panel**. Superimposed on the frame, on which it exerts pressure. Composed of an anodized aluminum inner frame. **Sealing of all the joints** between the elements.

Window to check the process of chilling and ripening of food.

Maximum beam width	3 m
Maximum passage height	4 m

Options

- Window pressure flywheels with key.
- Anodized aluminum guide cover.



Guide

Guides in stainless steel and anodized aluminum. 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.

Forklift passage embedded in the ground.



Check window

- Airtight closure through pressure flywheels.
- Injected profile for sealing all the joints between the different elements. Adjustable pressure.
- Glass ClimalitR 6/20/6.



Fittings

Four unbalance levers guarantee **airtightness**.

Stainless steel handles that facilitate **manual opening of the door with little effort**. The base plate of the inner lever is phosphorescent.

Coatings

Wide range of coatings to **guarantee maximum durability, even in the most extreme environments**: 25 u white lacquer steel, stainless steel 304, Food Safe PVC and PET.

Colors

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



Easy assembly

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



Great resistance and durability

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



Storage periods

Guarantees longer storage periods.



Adjustable

Precision adjustment with 4 points.



Mechanical elements

Strong and durable mechanical elements.



Aluminum window

Aluminum window for access and check of the chilling, inspection and set-up process.



Superior airtightness

High airtightness. Comprehensive gas control, without leaks thanks to the foolproof closing of the door.



Customization

Customization to the brickwork. Custom manufacturing.

Sliding refrigerated door automation



The Kavidoors refrigerated sliding door automation may be used on **doors of all sizes**, both in chiller **rooms (0 °C)** as well as in freezer **rooms (-20 °C)**.

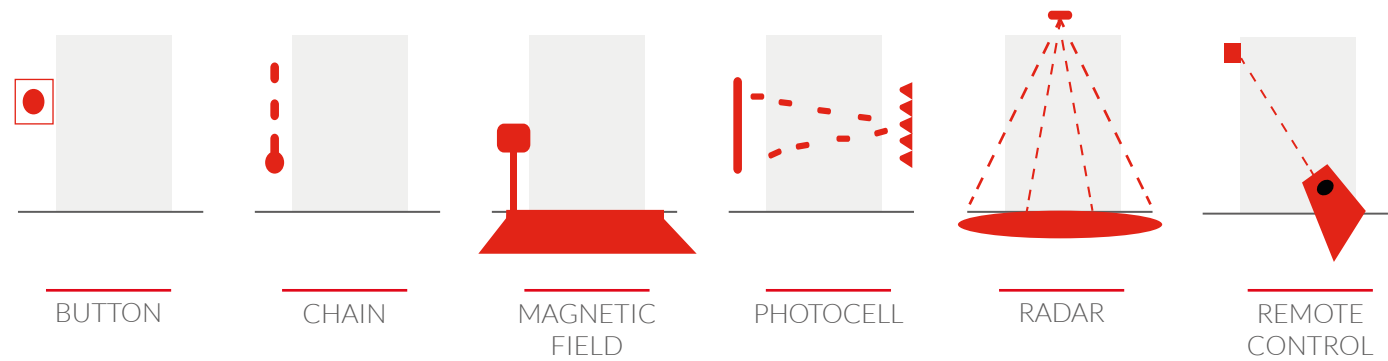
In terms of safety, it complies with the CE Marking and certified according to **UNE-EN 13241-1 and DIN EN 12978**. Ideal for logistics centers, meat industry... Recommended for **rooms with high cargo traffic**.

Control panel

- Reinforced insulation.
- Plastic IP56 protective box for placement in positive temperature (+ 0°).
- Frequency shifter with maximum output power of 0.75 kW.
- 1x230 VAC+PE at 50-60Hz.
- Safety elements according to CE standards: Interior push-button with emergency stop button, transmitter/receiver photocell and safety line. Possibility of manual opening in case of electrical failure.
- Protection with class II equipment.
- Digital control of regulation and position of the door.



Types of openings:



Motor

- Power: 0.55 kW.
- Door opening and closing speed: 0.7 meters per second.
- Practicable stainless steel motor cover.
- Limit switches by encoder.
- Low maintenance.
- Strength and durability in industrial environments.



Design

Its exceptional design has made it a product with optimal functional, climatic, hygienic and sanitary qualities.



Programming

Simple and fast programming as it is provided pre-installed.



Easy opening

Easy manual opening in case of power failure.



Speed

High opening and closing speed.

Refrigerated guillotine door



Kavidoors 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.**

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

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.

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.



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...

Colors

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

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.

Safety system

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



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.

Tecnik refrigerated pivot door



Kavidors refrigerated pivot doors are specially designed for **negative temperature controlled environments for use in cold storage rooms (+0 °C) and freezer (-20 °C) rooms**. Installation in supermarkets, hotels, restaurants, industrial sector...

Different opening options: pulling, pushing or turning the handle.

Frame

Self-supporting refrigerated frame built with **extruded aluminum profiles** with polished silver 20 micron anodized treatment, with white lacquer option.

Telescoping frame with double thermal bridge break. Innovative system of very robust telescopic frame and trim to **perfectly customize the fixing to the panel wall or brick wall** regardless of the length. This profile has **accommodation for the heating resistance** in applications of freezing **temperature** and forklift steps.

Temperature	+0 °C	-20 °C
Panel thickness	60 mm	80 mm

Panel

Superimposed on the frame and finished off with anodized aluminum side moldings.

The panel has **co-extruded EPDM gaskets** that ensure a **perfect airtightness**.

Maximum beam width	1,2 m
Maximum passage height	2,2 m

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, PET...

Colors

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

Fittings

It has an internal handle with PE reinforcements; aluminum one-point closure and 980 hinges with elevation ramp made of composite in gray.



Options

- Lock with key.
- 300 x 300 ISO sight glass for chiller doors.
- Protections on the stainless steel panel/ checkerboard.
- Forklift passage at any height.
- Hood system for overhead rail passage.
- Gate with rolled frame and lever closure.
- Panic bar.
- Rolled framework/ step rung.
- Double panel pivot door.
- Door closer spring.
- 500x500 gates: bright chrome hardware, one-point closure and two vertical hinges.



Lock

Optional CAF Formol 5520, 5525 model lock.



Hinge

Hinge made of gray composite. Invisible and inviolable symmetric fixation. Swap right and left.



Industrial refrigerated pivot door



Kavidors industrial refrigerated pivot doors are intended for use in **chiller rooms (+0 ° C), freezer rooms (-20 ° C) and freezer tunnels (-40 ° C).**

They are ideal for the meat, dairy, fruit and vegetable, fishing and logistics industries. They are suitable for **large spaces or with airs, transit of handling machinery and refrigeration machine rooms.**

Frame

Self-supporting refrigerated **frame** built with extruded aluminum profiles with polished silver 20 micron anodized treatment, with a white lacquer option. Provided with **forklift passage**.

Telescoping frame with double thermal bridge break. Innovative system of very robust telescopic frame and trim to **perfectly customize the fixing to the panel wall or brick wall** regardless of the length. This profile has **accommodation for the heating resistance** in applications of freezing **temperature**.

Panel

Superimposed on the frame and finished off with anodized aluminum side moldings.

The panel has **co-extruded EPDM gaskets** that ensure a **perfect airtightness**.

Maximum beam width	1,8 m
Maximum passage height	4 m
Maximum total area	5 m²

Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	80 mm	100 mm	120 mm

- 

Easy assembly
Quick and easy installation with low maintenance. Pre-installed door.
- 

Great resistance and durability
High durability with intensive use.
- 

Time
Savings in time and money.
- 

Energy efficiency
Energy efficiency and great insulation.

- 

Functional features
Optimal climatic, hygienic and sanitary functional qualities.
- 

Food industry
Suitable for contact with food.
- 

Customizable
Customization to the demands of the project.
- 

Customization
Customization of the door.

Options

- 300 x 300 ISO sight glass for chiller.
 - Protections on the stainless steel panel/ checkerboard.
 - Frame for fixing to opening or rolling frame.
 - Multipoint closure.
 - Electromagnet.
- Raised forklift passage.
 - Hood system for overhead rail passage.
 - Double panel pivot door.
 - Door closer spring.

Fittings

STUV optional lever lock with key, multi-function push and turn opening.



Stainless steel locked person panic safety handle.



Hinge

STUV Varioflex hinge. Made of gray ZINC material, with a maximum opening angle of 180° and retention position at 120°. It is adjustable in three 3D directions.



Door seal

Perimeter gasket made of flexible EDPM with fixing to the panel by means of a sweep housed in the accommodation profile. Easy to replace.



Easy assembly
Quick and easy installation as it comes pre-installed.



Durability
High durability and resistance to intensive use.



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



Energy efficiency
Great energy efficiency.



Functional features
Optimal climatic, hygienic and sanitary functional qualities.



Time
Savings in time and money.



Customizable
Customizable to project requirements.



Hinges
High mechanical resistance hinges.

Industrial refrigerated pivot double door



Kavidoors refrigerated pivot double doors are specially designed for negative temperature controlled environments **for use in refrigerated rooms for chiller 0 °C), freezer (-20 °C) and freezer tunnels (-40 °C).**

Frame

Built with **extruded aluminum profiles with polished silver 20 micron anodized** treatment, with white lacquer option. The thickness of this layer **increases the resistance to abrasion and corrosion** of aluminum and provides coloration to the parts through tinting. The anodized profiles are manufactured through processes certified by the **Qualanod quality seal**.

Telescoping frame with double front thermal bridge break. Innovative telescopic frame and trim system (+/-40 mm) to **perfectly adapt the fixing to a panel wall** or brick wall of 60-100/100-140/104-180-220 mm regardless of the length. This profile has accommodation for the **heating element in freezing** temperature applications.

Panel

Compact superimposed on the frame and finished with anodized aluminum side molding. It is made up of a **silver anodized aluminum** frame and 0.6mm thick structural stainless steel white lacquer finish.

Rigid polyisocyanurate (PIR) foam core, nominal density 40-45 kg/m³. Its excellent performance against fire and its high **insulating capacity** substantially improve the properties of traditional PUR polyurethane core foams.

This model has **two panels, one active and one passive**. The passive has a bolt running up and down to block it wherein the active fastens to it.

Maximum beam width	1,8 m
Maximum passage height	4 m
Maximum total area	5 m²



Fittings

Special STUV EURO 5000 multi-point lock. Made of polyamide PA6 thermoplastic material. **High strength, toughness, rigidity, resistance to wear and abrasion**, with a low coefficient of friction. Ideal for anti-friction parts and mechanical parts subject to high temperatures and that must resist hydrocarbons and solvents. Continuous use temperature without load: -40 °C to 100 °C.

STUV Varioflex hinges made of gray zinc material. **180° maximum opening angle and 120° holding position.** Adjustable in 3D.



Door seal

It has a **double flexible EPDM** perimeter gasket that ensures perfect airtightness and is easy to replace. Fixed to the leaf by means of an arrow housed in the housing profile.



Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	80 mm	100 mm	120 mm

Colors

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

Coatings

We have a wide range of coatings to guarantee the **maximum durability, even in the most extreme environments**: PET 55\$, Granite HDX 55 u, 25 u lacquer steel, 304/316 stainless steel, Phenolic, and polyester reinforced with fiberglass (PRFV).

Options

- ISO sight glass.
- Protections on the panel stainless steel aluminum polyethylene.
- Frame for fixing to opening or rolling frame.
- Raised forklift passage or step part.
- Hood system for air passage.
- White lacquer frame.
- Custom gates.
- Spring return hinges.



Easy assembly

Quick and easy installation as it comes preinstalled. Low maintenance.



Durability

High durability and resistance to intensive use.



Resistance

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



Energy efficiency

Great energy efficiency.



Hinges

High mechanical resistance hinges.



Functional features

Optimal climatic, hygienic and sanitary functional qualities.



Time

Savings in time and money.



PIR insulation

10% additional insulation with PIR foam.



Fire

Excellent performance against fire with PIR foam.



Customizable

Customizable to project requirements.

Pivot refrigerated fire door



The **Kavidoors Firestop Refrigeration Pivot Door**, model Ei2-60, has been manufactured basically with stainless steel, both the structural elements of the leaf, frame and hardware, managing to withstand the tests to which they have been submitted for approval.

The pivoting firebreak refrigeration door can be manufactured for storage (+ 0°C) and freezing (-20°C-40°C) chambers. It has passed the fire resistance test according to Ei2-60 regulation.

High level of tightness, thanks to **Quad-Core** insulation and gasket intumescent installed on the perimeter of the door.

Frame

Industrial frame made of stainless steel prepared to embrace panel or work. Provided with intumescent gaskets.

The freezing doors (-20°C / -40°C) They are made with heating elements around the perimeter of the frame and sill.

Maximum beam width	1,2 m
Maximum passage height	2,2 m

Temperature	+0 °C	-20 °C
Panel thickness	170 mm	170 mm

Panel

Finished in white band sheet or stainless. **High flexibility gasket for achieve a perfect tightness.**

Quad-Core thermal insulation protects 20% more than PIR foam. Help the conservation of the environment by reducing **smoke emissions in a fire and being free of CFC, HCFC and HFC.**

Options

- Measures according to demand.
- Sheet thickness in different finishes 0.6 mm.
- Door frame in stainless steel.
- Frame made of stainless steel.
- Handle and hinges in stainless steel.

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 aggressive environments:** Lacquered steel (bandacolor), AISI 304 / 2B stainless steel.



Fittings

STUV stainless lever opening system.
Stainless steel hinges with STUV lifting ramps.

Accessories

Colors according to letter, conservation or freezing peepholes, push pad, door closers, low protections in different finishes, etc.

QuadCore Insulating Core

23%

More efficient than a panel insulating with PIR type core.

28%

More efficient than a panel insulating with PUR type core.

More than double

Insulation than a rock wool core panel.



Test standard: UNE EN 1634-1:2006 +A1:2018.

Classification: UNE EN 13501-2:2019



02 INTERIOR DOORS

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Pvc slat curtain



Kavidoors PVC slat curtains are an economical solution for **places that require insulation, temperature control or environmental separation**. Designed for negative temperature controlled environments for use in **refrigerated spaces for chiller (+0 °C) and freezer (-20 °C) rooms**.

Used especially in supermarkets, small shops and in the meat and fishing industries. Ideal for rooms that require compliance with health standards.

Options

- Installation on the ceiling inside the recess or on the wall.
- L-shaped extruded aluminum frame finished in white with white lacquer aluminum interior trim.

Fittings

Support tube, spacers and fixing clips. Made of 1.5mm thick AISI 304 2B stainless steel.

Stainless steel accessories and screws.

Slat

In quality, low temperature, flexible and transparent bluish PVC.

Measures of 200 x 3 mm for chiller and freezer rooms. Individually removable.

Maximum beam width	4 m
Maximum passage height	6 m

Guides

If the curtain is sliding, the guide and carriage are made of 20 micron anodized aluminum with PVC bearings.



Easy assembly
Simple and fast installation with minimal maintenance. Light slats.



Slat
Easy replacement of slats.



Fixing
Fixing inside the frame, on the ceiling, on the wall or outside.



Hygiene
Hygiene and resistance in extreme environments.



Durability
Durability when rotating the brackets on an axis.



Fixing tube and staples
Fixing tube and stainless steel clips with individually removable slats.

Isothermal slat curtain



Kavidoors isothermal slat curtains are a **revolutionary solution for places that require insulation, temperature control or environmental separation** with properties superior to standard PVC models.

Designed for **negative temperature controlled environments** for use in refrigerated spaces for chiller (+ 0°) and freezer (-20°) rooms. Prevents ice formation and is made of fireproof materials.

Fittings

Support tube, spacers and fixing clips.

Made of 1.5mm thick AISI 304 2B stainless steel. Stainless steel accessories and screws.

Panel

180° single or double panel with adjustable spring hinges.

Slat

Isothermal insulating slat formed by two interwoven PVC-Nylon outer coverings and a foamed insulating textile core. Total thickness of 7 mm. Technical transmittance value of 3.5 W/(m2.K). Individually removable.

Window

Versatile antibacterial window.



Easy assembly
Simple and fast installation. Minimal maintenance.



Useful lifespan
High durability. Lifespan 5-6 times longer than PVC slat curtains.



Energy efficiency
Great energy savings by reducing the massive loss of temperature.



Durability
They are light. They do not break.



Easy replacement
Individually removable.



Excellent airtightness
Absolute adherence to the floor and ceiling.

Service pivot door



Kavidoors service pivot doors are specially designed for pedestrian **use in positive temperature environments.**

Application in offices in the industrial, commercial and health sector such as laboratories, hospitals, clinics, clean rooms and radiology to **divide work areas or services.** They can be **one or two-panel.** High level of thermal and acoustic insulation.

Frame

Built with white lacquer aluminum profiles for panel mounting with trim included or on brickwork. It has an **oval EPDM gasket to achieve greater tightness, reduces noise and the passage of air currents.**

Panel

Compact **40 mm injection panel,** manufactured in one or two panels made up of a perimeter frame in white lacquer or anodized aluminum in case the panel finish is gray or stainless.

1 panel	Maximum beam width	1,2 m
	Maximum passage height	2,5 m
2 panels	Maximum beam width	2,5 m
	Maximum passage height	2,5 m

Fittings

Anti-snag **double curve stainless steel handle** and protection plate that **prevents wear on the door.** It has a hinge made of stainless aluminum profiles. Lock included in all models.



Colors

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

Coatings

Wide range of finishes to guarantee **maximum durability, even in the most extreme environments:** stainless steel badge, stainless steel, PVC, PP, BC...

Options

- Double key.
- Lock with the same key.
- Seal.
- Door closers.
- Electric opening by push button or command.
- Retention electromagnets.
- Lock with key and seal. Handle with keyhole and air pump included.
- Ceiling frame/embedded in the ground/anodized.
- Panic bar.
- Airlock through electropiston.
- Control unit for lock system on several doors.
- Methacrylate sight glass with stainless steel/ rectangular aluminum oval porthole frames in flexible EPDM rubber.
- Guillotine gasket to prevent the passage of lower current.
- Customization of the frame to the brickwork.



Easy assembly
Quick and easy installation. Pre-assembled door.



Insulation
High level of thermal and acoustic insulation.



Customization
Customization to panel/brickwork regardless of the thickness and the demands of the project.



Functional features
Optimal climatic, hygienic and sanitary functional qualities.



Saving
Savings in time and money.



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

Tecnik sliding service door



Tecnik Kavidoors sliding service doors are specially designed to **close or divide warehouses and work rooms** in hospitals, clinics and food, chemical or pharmaceutical industries.

Installation in hypermarkets, logistics centers, hotels and restaurants. Use in areas with **positive temperatures**.

Panel

Injection panel made of structural steel sheet **without molding or welding** and a thickness of **40 mm** with white lacquer finish. **Rigid foam core out of polyisocyanurate (PIR)**, nominal density 40-45 kg/m³. Its **excellent performance against fire and its high insulating capacity** substantially improve the properties of foams with a traditional PUR polyurethane core.

Maximum beam width	3 m
Maximum passage height	3 m
Maximum total area	7,5 m²

Guide

The panel is clamped and **slides** through the **two-bearing carriage system**. The guide and the carriages are made of 20 micron anodized aluminum, suitable to withstand any environment.

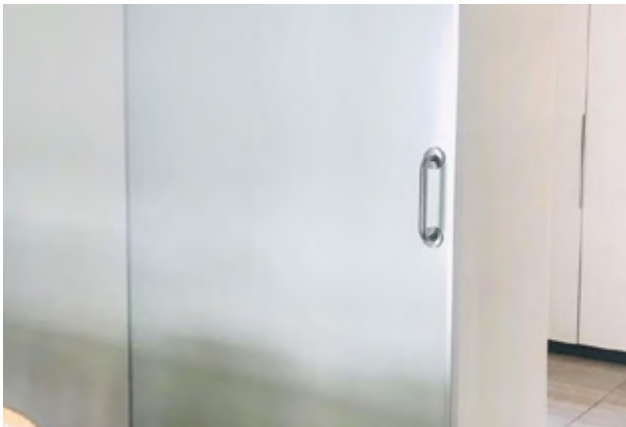
Lower guide formed by an aluminum guide profile on the panel and guide skid on the ground.

It has an **upper guide** formed by an anodized aluminum profile with tread protection and stainless steel Klein type hardware.

The **hygienically designed aluminum track** cover **makes cleaning and maintenance easy**.

Fittings

Hygienic design that **prevents the entry of dirt into the guide**. High resistance PVC bearings that guarantee its durability. Exterior and interior handle to **facilitate manual door opening and closing**.



Colors

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

Coatings

We have a wide range of coatings to guarantee the **maximum durability, even in the most extreme aggressive** : pre-lacquered stainless steel, stainless steel, PVC...

Options

- Double panel/telescoping panel.
- Customization of the frame to the brickwork or aluminum panel.
- L-shaped extruded aluminum frame with antibacterial RAL lacquer.
- Hood system for overhead rail passage.
- Methacrylate ISO sight glass.
- Lock for manual panel.
- Automation. Different opening options: radar, magnetic loop, push buttons...



Functional features
Optimal climatic, hygienic and sanitary functional qualities.



Durability
High durability.



Customization
Customization to any situation.



Customization
Customization.

Industrial sliding service door



Kavidoors industrial sliding service doors are specially designed to **close or divide warehouses and work rooms** in hospitals, clinics and food, chemical or pharmaceutical industries.

Use in areas with **positive temperatures**.
Anti-fall-anti-tip system patented by Kavidoors.

Frame

Built with polished silver 20 micron anodized aluminum profiles, with a white lacquer option. The thickness of this layer increases the **resistance to abrasion and corrosion** of aluminum and provides coloration to the parts through tinting. The anodized profiles are manufactured through processes certified by the **Qualanod quality seal**.

Telescoping frame with front thermal bridge break.
Innovative telescopic frame system to **perfectly adapt the fixing to a panel wall or brick wall** regardless of the length.

Panel

Injection panel made of structural steel sheet **0.6mm thick** with white lacquer finish. **Rigid polyisocyanurate (PIR) foam core**, nominal density 40-45 kg/m³. Its **excellent performance against fire and its high insulating capacity** substantially improve the properties of traditional PUR polyurethane core foams.

The panel has a **flexible EPDM perimeter gasket** that ensures a perfect **airtightness** and is **easy to replace**.

Guide

The panel is clamped and **slides in one piece** 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.

Lower guide formed by an aluminum guide profile on the panel, guide runner on the ground and pressure wedge for the panel with the frame.

It has an **upper guide** formed by an anodized aluminum profile with tread protection and stainless steel hardware.

The **hygienically designed aluminum track cover** makes **cleaning and maintenance easy**.



Fittings

Stainless steel opening handle. Exterior and interior handle to **facilitate opening and closing operations**.

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**: PET 55\$, Granite HDX 55 u, 25 u lacquer steel, 304/316 stainless steel, Food Safe PVC, phenolic, polyester reinforced with fiberglass (PRFV).

Options

- Antibacterial RAL lacquer aluminum frame.
- Automation.
- Manual/automatic key lock.
- Upper guide start.
- Automated double panel sliding door for personal access.
- Hood system for overhead rail passage.
- ISO sight glass.
- White lacquer marking.
- Panel protections out of stainless steel aluminum-polyethylene.
- Folding.



Customizable
Customizable to any situation.



Durability
High durability.



Fire
Excellent performance against fire with PIR foam.



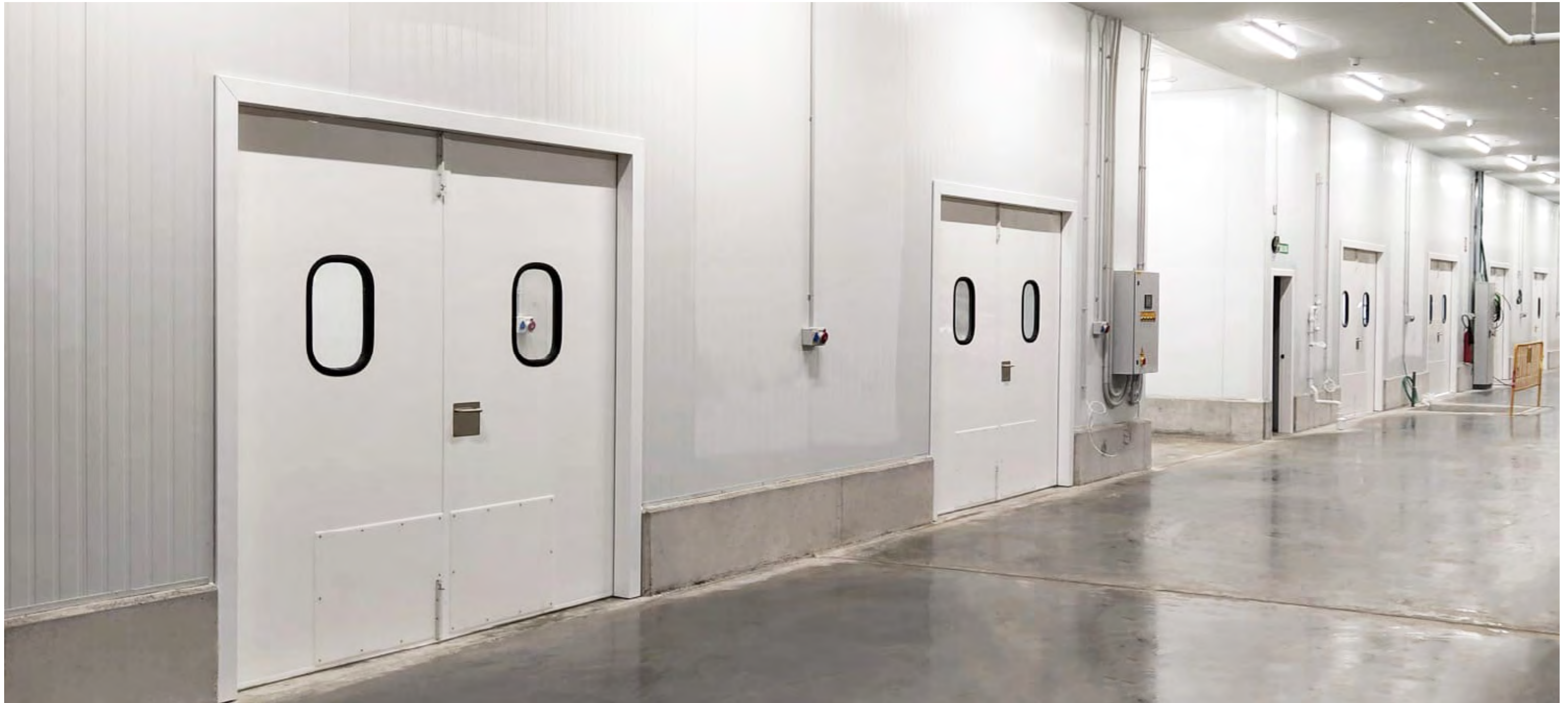
Functional features
Optimal climatic, hygienic and sanitary functional qualities.



Power
Suitable for contact with food.



Insulation
10% additional insulation with PIR foam.



03 TECHNICAL DOORS

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Injection swing door



Kavidoors injection swing doors are specially designed for **intensive use in positive temperature environments**. Ideal for installing in hotels, clinics, hospitals, restaurants, kitchens, shops, agribusiness, supermarkets and hypermarkets.

Frame

Frame and trim adaptable both to any thickness as well as brickwork or aluminum panel.



Panel

Compact 40 mm injection panel, made of one or two panels made of white colored band sheet and white PP with a frame formed perimeter by white lacquer aluminum corner piece and with **compact EPDM gasket**. It has an oval sight glass as standard and lower polyethylene protection.

1 panel	Maximum beam width	1,2 m
	Maximum passage height	3 m
2 panels	Maximum beam width	2,4 m
	Maximum passage height	3 m

Fittings

Double acting stainless steel hinge with easy adjustment closing force. Designed for intensive use.(standard model).

Hinge with retention at 90° (Optional model).



Optional model hinge.



Standard model hinge.

Coatings

Color band for the passage of people or **polypropylene**, recommended for intensive use of maintenance machines or installations where it can receive more impacts.

Colors

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



Options

- Hood system for overhead rail passage.
- Polyamide hinge with 90° retention.
- Lock with key.
- Custom stainless steel or rectangular aluminum sight glass.
- Rigid swing door lock on plate.
- Custom made stainless steel/5 mm PE-HD bumper/ polyethylene wing fender.
- Flexible hinged door in 5 mm PVC resistant to low temperatures. Food-safe certified.
- Single panel.



Design
Hygienic guarantee.



Resistance
High durability against impacts and safety.



Installation
Simple installation and adjustment. Door pre-installed.



Door
Individually injected door with sight glass.

Polyethylene swing door



Kavidors polyethylene swing doors are specially designed for interior use. With high traffic and in positive temperature environments, the excellent performance of against impact, scratching and corrosion, make this door an ideal solution to be installed in restaurants, kitchens, agribusiness, supermarkets and hypermarkets.

Frame

Built with polished silver 20 micron anodized aluminum profiles, with a white lacquer option. The thickness of this layer increases the **resistance to abrasion and corrosion** of aluminum and provides coloration to the parts through tinting.

The anodized profiles are manufactured through processes certified by the **Qualanod quality seal**. 100 mm panel frame.

Panel

Solid polyethylene panel **form with a thickness of 15 mm** manufactured in one or **two panels** made with an anodized aluminum perimeter frame.

It has a sight glass porthole out of white polyethylene and methacrylate.

Spruce EPDM perimeter gasket.

Fittings

Double action polyamide hinge type FERMOD with retention system at 90° in both directions.

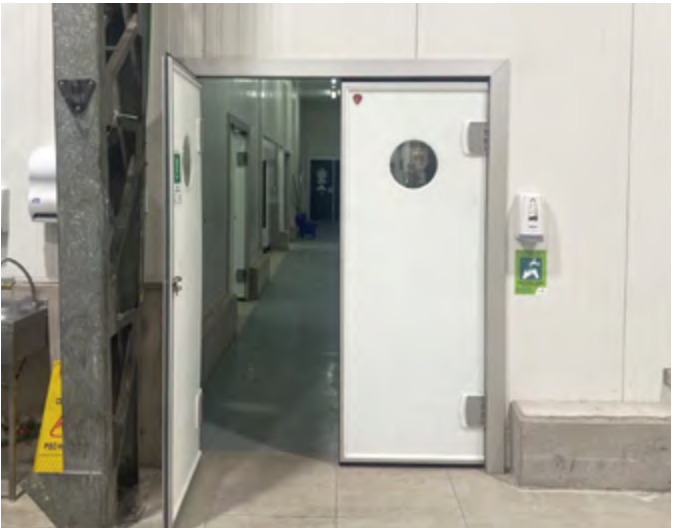


Coatings

Solid polyethylene PP500 plate, with very good mechanical properties, **resistant to wear, cuts and scratches**. Also, physiologically safe.

Colors

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



Options

- Hood system for overhead rail passage.
- Lock with key.
- Polyamide hinge. 90° opening and retention or steel hinge with 120° opening.
- White lacquer marking.
- Stainless steel or rectangular aluminum sight glass.
- Panel protections out of stainless steel-aluminum-polyethylene.



Resistance
High resistance and hygienic guarantee.



Durability
High durability against impacts and safety.



Installation
Easy adjustment and installation.



Easy assembly
Quick and easy to assemble.

Insulated slat roller shutter

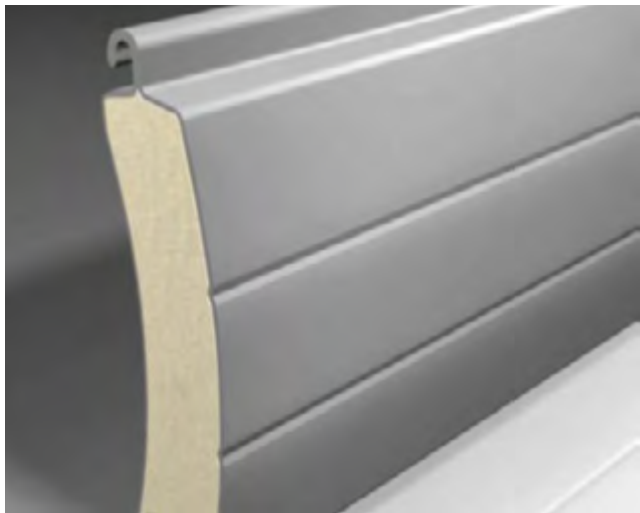


Kavidors insulated louver roller shutter are designed to **separate and isolate different work areas with acoustic and thermal changes.**

Ideal for the airport, logistics, automotive, agri-food or transport sectors.

Opening options

- Remote control.
- Infrared ceiling/ceiling handle.
- Radar with person-machine discrimination and lateral traffic.
- Photoelectric push button.
- Fingerprint sensor.
- Code keypad.
- Access control cards.



Structure

Shutter made with **insulated profiled aluminum slat fabric** of 75x20 mm. The **side guides** are made of anodized extruded aluminum with brushes to obtain a **higher degree of tightness.**

The **guide** wheels have a special low-friction finish for **minimal noise and maximum durability.**

Safety

Activation in person-present maneuver at closing and automatic at opening.

Motor

- Extruded aluminum metal winding drum.
- Lateral shaft drive with chute.
- Electronic limit switches with programming of opening and closing positions at the foot of the shutter.

Colors

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



Options

- Automatic closing.
- Frequency shifter for speed control with acceleration and braking ramps on opening.
- Lacquer chassis in the same color as the slats.
- UPS: Uninterruptible Power Supply.



Easy assembly
Quick and easy installation with low maintenance.



Durability
Maximum reliability, durability and safety.



Opening and closing
Rapid opening and closing. Noise reduction.



Lifespan
Long lifespan.



Design
Compact and simple design.



Saving
Space and cost savings.



High resistance
Great thermal and wind resistance.



Anchors
Absence of anchors to the ceiling.

Sectional door



Sectional doors are a perfect solution for air-conditioned business premises thanks to the **energy saving** that their **insulating capacity** ensures.

They open vertically upwards, moving the panels below the roof horizontally. **Thanks to this it will always be possible to install them** regardless of the space available.

Safety

All the doors comply with standard **DIN EN 13241-1**. With systems that stop the door falling when springs break, as well as a system to stop fingers being jammed, both inside and out.

Adaptable

This model has **several opening possibilities** to achieve maximum use of space.

Confort

Effective thermal and acoustic insulation thanks to its insulating core of polyurethane and the sealed joints between panels for garage doors.

Customisable

There is a wide **variety of panels, textures and colours**, in order to choose the industrial door that best suits your tastes and requirements.



Durability

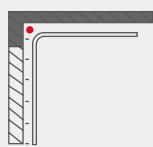
Double-walled sheet steel panels galvanized separated by an insulation of Polyurethane foam.

They also have an insulating core of rigid foam of CFC-free polyurethane, with an average density of 40 kg / m³ and EPMD sealing gasket, which provides **impermeability and tightness between the joints**.

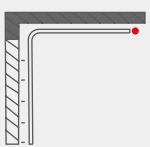


Elevation types	• Weight compensation through an assembly of torsion springs. • Safety device against spring breakage. • Cable drums and side loading cables. • Safety device against cable breakage. • Springs are powder-coated and painted in blue for a better response to fatigue and improved rustproofing.
Guide type	• Of galvanised steel with a reinforced side bracket with a side trim support.
Door panel	• Double-faced panels of galvanised steel with intermediate thermal and acoustic insulation of polyurethane foam 40 mm thick. Standard heights of 500 and 610 mm. • Interior and exterior sheeting with stucco embossing. • Interior of the panels reinforced for lasting grip of side and central hinges. • Anti-finger-jamming system in the joints between panels according to European standard EN 12604. • High-quality EPDM rubber on the top and bottom of the panel to provide impermeability and air-tightness.
Fittings	• Of galvanised steel.
Reinforcements	• Double hinges and support brackets for widths greater than 5 metres.
Quality	• According to the European standard UNE -EN 13241-1.

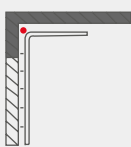
Elevation types



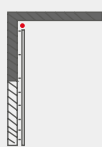
Horizontal



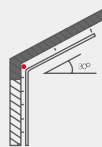
Rear dock



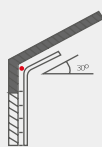
High envelope



Vertical



Inclined



Inclined high envelope



05 FIRE DOORS

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Pivot fire doors



Kavidoors pivot fire doors are the most common. They have a **fire resistance of one hour**.

They are used for pedestrian accesses and not for large passage areas like other fire doors.

Frame

STD39 angle frame. It uses an **innovative aluminum frame and trim out of** white prelacquer aluminum with a thickness of 1.5 mm.

Fittings

Reversible mortise lock without anti-panic function. Handle with short shield and black nylon keyhole.Features single axis overhead hinge (minimum 2 units).

Colors

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

Panel

Panel with **58 mm thickness** manufactured by **folding without welding**. **One or two panels** composed of a perimeter frame of anodized aluminum and structure sheet steel of 0.6 mm thickness with white lacquer finish.

It has an **oval sight glass as standard** and lower polyethylene protection.

Rigid polyisocyanurate (PIR) foam core, nominal density 40-45kg/m3. Its **excellent performance against fire** and its high **insulating capacity** substantially improve the properties of foams with a traditional PUR polyurethane core.



Airtightness

It seals the rooms completely, so there is no unnecessary loss of energy.



Fire

Fire resistant up to 60 minutes.



Coating

Hygienic finish.



CE marking

Customizable to project requirements.

Models

UL fire door

For the range of firewalls at Kavidoors, we have the **certificate of UL compliance** on our standard doors to meet the needs of the **American market**, where compliance with the **ANSI-UL 10B standard** is required.

This door model allows the incorporation of any hardware that has the corresponding UL labeling.



Fire door - Large Tunnel Dimension (GDT)

Double panel **fire door** designed for use in **railway and road tunnels**, where high performance **resistance to pressure is required, both thrust and suction**.

The manufacture of the panels, with a **thickness of 100 mm**, is carried out using tongue and groove panels joined together and enclosed by a U perimeter. Combined with a robust frame and **reinforced and welded hinges**, specially designed for pressure performance, this achieves an optimal set.

Both the active and passive panel are equipped with an anti-panic bar. The active one has a handle with a black nylon blind short shield. The 100x40mm tubular frame is 2.5mm thick.

Sliding fire door



Kavidoors sliding fire doors have a **fire resistance of 60 minutes**. They usually remain open, held by an **electromagnet**, until, in the event of fire detection or a power failure, the counterweight system causes the **doors to close automatically**. These **will seal the room completely**.

Designed for the food, distribution and transport sectors.

Frame

Built with 249/225 mm x 45 mm stainless steel profiles. This profile has a **fire retardant padding** that guarantees protection against fire.

Guide

The panel slides through upper bracket provided on a guide rail. The nylon bearings **prevent jamming from dirt and wear**.

Panel

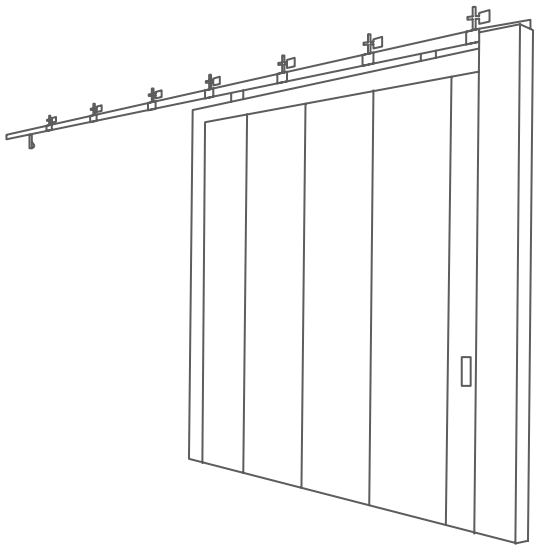
Composed of panels, with a **fireproof insulating core** and a stainless steel rim.

It is **78 mm thick**. It has a galvanized steel plate on both sides. It is suspended from an upper guide by carriages with bearings. Equipped with protective stainless steel bumper.

The slat is equipped with a **rubber seal that guarantees maximum tightness**.

Options

- **Manual or automatic**. In the case of being automatic, the opening and closing time may be adjusted variably to 0.8 m/s.



Fittings

Stainless steel inner and outer lever. **The door can be opened smoothly without effort**.

Coatings

White lacquer coat steel or 304/316 stainless steel.



Airtightness
It seals the rooms completely, so there is no unnecessary loss of energy.



Fire
Fire resistant up to 60 minutes.



Coating
Hygienic finish.



Customizable
Customizable to project requirements.

Guillotine fire door



Kavidoors fire guillotine doors are designed for **access areas where there is no lateral clearance but there is free height.**

They resist fire for one hour. They usually remain open, held by an electromagnet, until, in the event of fire detection or a power failure, the counterweight system causes the **doors to close automatically.**

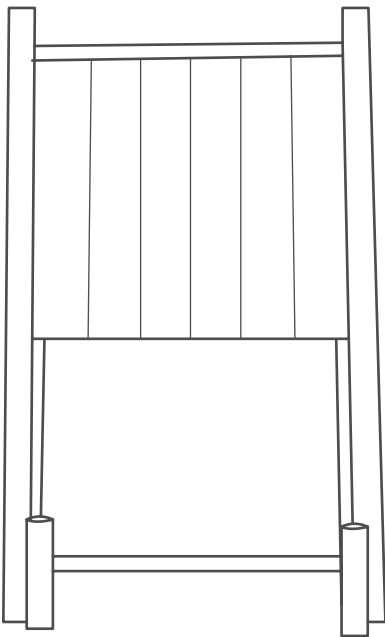
Frame

Galvanized steel folded profiles opposed on panel and wall.

Prepared to house **intumescent gasket** along its entire length, which **expands in case of fire** leaving the compartment totally sealed.

Panel

The panel is manufactured from tongue and groove modular panels. Panel composed of a **steel plate galvanized on both sides**, filled with mineral rock wool and plaster. It is **78 mm thick**. It incorporates a U-shaped perimeter metal profile. Opening/closing handle embedded in the panel.



Options

- Possibility of incorporating a lower opening in the panel that allows the passage of certain services, such as the electrified rails of a conveyor belt that runs through the recess to be closed.
- Satin liquid paint option.

Fittings

Stainless steel inner and outer lever. **The door can be opened smoothly without effort.**

Guide

Galvanized steel guide that provides a perfect rolling of the skids in the inside.

The panel has **four lateral skids installed**, two on the bottom and two on the top. The latter are intended to **cushion the dip in the event of a transmission failure.** In those cases where the size and weight recommend it, they will be replaced by a double transmission cable.



Airtightness

It seals the rooms completely, so there is no unnecessary loss of energy.



Fire

Fire resistant up to 60 minutes.



Installation

Places without lateral clearance but with free height.



CE marking

Customizable to project requirements.

Sectional fire doors



Kavidoors sectional fire doors have a **fire resistance of 60 minutes**.

Thanks to the fact that **they open vertically**, their installation will always be possible regardless of the available clearance. They usually remain open until, in the event of detection of **fire** or a power failure, **the control unit sends an electric signal to the electronic panel** and this, through the motor, **automatically closes the doors**. These will seal the room completely.

Panel

Composed of panels with a steel pearl frame on which **fireproof plasterboards** are attached.

It is **80mm thick**. On the upper and lower side it has DM slats that have a groove along their entire length in which an inflatable joint is glued. Finished in 0.63 mm thick pre-painted metal sheet in RAL 9002 and 9006.



Guides

The lateral guides **consist of a guide base formed by a 2 mm double profile** made of galvanized steel that is mounted to the wall and contains a fire-resistant plate with two intumescent seals on top, **and on the other side, the guide, with a C profile of galvanized steel** cold formed with 1.5 mm thickness. Both parts **are joined through clamps** out of 2mm galvanized steel.

Isolation

Above the span there is isolation formed by a fixing profile with fire resistant plasterboard and two intumescent joints in the wall, and a fixing profile in the upper sheet.

In this way, in the event of a fire, **flames are prevented from spreading**.



Options

- 230 V direct drive motor.
- 400 V chain motor.
- 230 V hydraulic motor.
- All its steel components may be painted in any RAL color or manufactured in AISI 304 or 316 stainless steel.
- 230 V hydraulic pump motor.
- Galvanized steel cover.
- ATEX certified.
- The drive system and control unit, or any accessory (safety brake, up and down button...) may be mounted with an ATEX motor version.



Airtightness

It seals the rooms completely, so there is no unnecessary loss of energy.



Insulation

High thermal and acoustic insulation.



Fire

Fire resistant up to 60 minutes.



Installation

Installation viable in any space.



Kavidoors fire curtains have a **fire resistance of 120 minutes. They limit the spread of fire and smoke, as well as the transmission of thermal radiation**, preventing the ignition of materials and damage to people on the side not exposed to the fire.

Thanks to the fact that **they open vertically**, their installation will always be possible regardless of the available clearance. Reversible, able to withstand flames on both sides.

Fabric

When the curtain is exposed to high temperatures, it creates an **insulating inner layer** that works as a barrier to limit thermal **radiation for 120 minutes**. This is possible thanks to its **multilayer fabric** finished with 2 mm thick aluminum sheets on both sides.

Irrigation system with fast response hot melt bulb type, hidden under the false ceiling. Sprinklers distributed every two meters, required only to isolate the fabric and not the structural elements such as the drawer or the side guides.

Guides

GL side guides. The **anti-tear guide system ensures the tightness and integrity of the fire curtain against gases and flames** thanks to the low friction inner guide. Compact anti-flex counterweight mechanism that ensures the **closing of the fire curtain safely** at a controlled speed without the need for electrical power thanks to **ISF Gravity Fail Safe technology**.

Dimensionally stable metal drawer that houses the fabric and the different components of the system.

Base fabric	1000 g/m² +/- according to DIN EN 12127
Finish fabric	1120 g/m² +/- according to DIN EN 12127
Material	E-Glass, Steel; Wire

Models

E120

High performance technical **fiberglass fabric with stainless steel armature**.

Finished with a polyurethane treatment **to preserve inherent properties of the fabric during curtain maneuvers**.



EW120

The innovative design of the EW120 fire curtains **allows** the limiting and controlling of flames and hot gases up to 1100 °C and **creating an area with reduced thermal radiation** up to 15 Kw/m2 for 120 minutes, thus favoring the permanence of **safe areas during a fire**.

EI₂120

This model of fire curtain, **in addition to reducing the emission of thermal radiation, also reduces heat transfer**, creating a safe area for people and property as it is not possible to produce a fire on the other side. This is possible thanks to the **water spray with an irrigation system**.

- 

Airtightness
It seals the rooms completely, so there is no unnecessary loss of energy.
- 

Fire
Fire resistant up to 60 minutes.
- 

Reversible
Supports flames on both sides.
- 

Anti-crushing
Controlled lowering speed without the need for a power supply.

Fire shutter



Kavidoors roller fire doors have a **fire resistance of 60 minutes. Its vertical opening facilitates its installation in any place** regardless of the available clearance.

Easy assembly and disassembly thanks to the unique slat “click” system.

Resistance EI 120 and EW 180.

Guides

The side guides are made of galvanized steel and L-shaped plated profiles, equipped with an **intumescent material**.



Axis

The drive shaft where the shutter is fastened is located between the brackets. The movement system consists of two steel brackets where the tube is mounted. Brackets are attached to the wall using bolts and locking plates. A galvanized steel angle profile is mounted on the end of the brackets. **To ensure the stability of the movement system, a profile with L-shaped galvanized steel sheet is used that is mounted at the end of the brackets.**

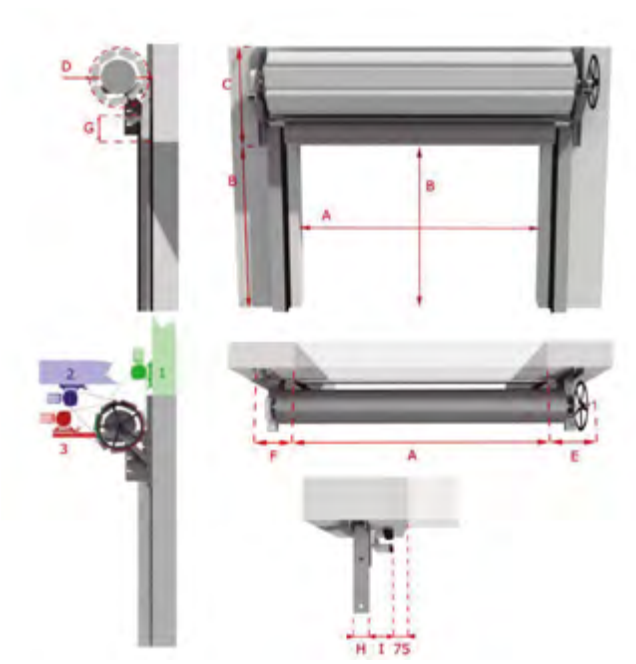
As standard, the roller fire door is equipped with a control unit that can accommodate various types of operational devices such as key switches, smoke or temperature detectors, or fire alarm systems.

Slat

Made of 60 mm thick galvanized steel. The slats are made up of two 0.8 mm thick profiles, made of galvanized steel and **filled with special fire resistant insulation.**

The lower part of the panel is finished with an L-shaped galvanized steel profile, attached to the lower part of the slat by steel rivets.

The **slats** are finished in galvanized steel with end cams on both sides and are equipped with a **unique “click” system that allows them to be mounted and removed** when they are positioned at a 90° angle.



- A - Light recess width.
- B - Light recess height.
- C - Lintel.
- D - Armored armature diameter.
- E - Motor side clearance.
- F - Clearance on the opposite side of the motor.
- G - Protection.
- H - Armature width.
- I - Guide width.

Options

- Galvanized steel cover.
- All its steel components can be painted in any RAL color or be made of AISI 304 or 316 stainless steel.
- ATEX certified.
- The drive system and control unit, or any accessory (safety brake, up and down button...) may be mounted with an ATEX motor version.



Energy saving
It seals the rooms completely, so there is no unnecessary loss of energy.



Fire
Fire resistant up to 60 minutes.



Easy assembly
Unique slat “click” system.



Installation
Installation possible anywhere,



06 HIGH SPEED DOORS

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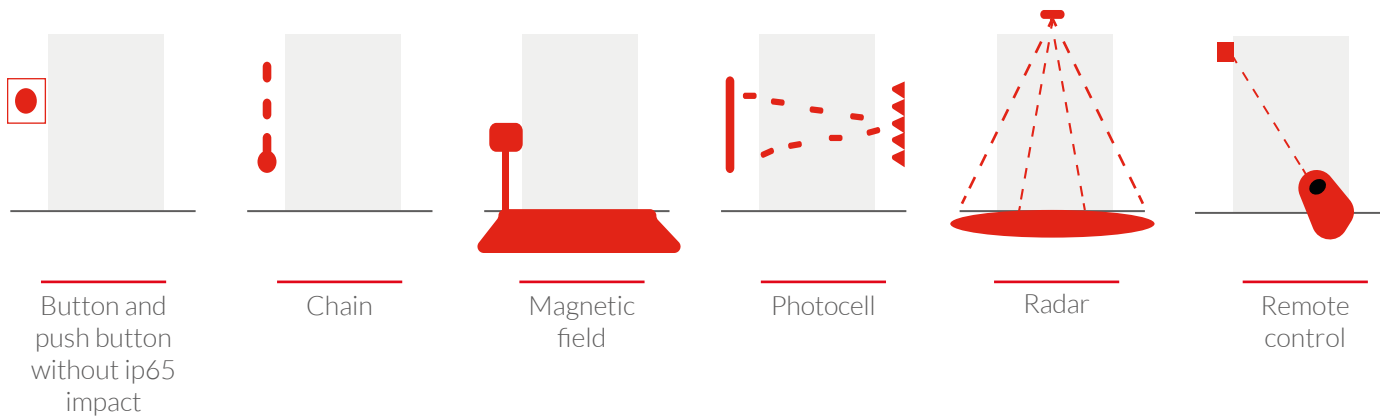
High speed roller door



Kavidoors high-speed roller doors are specially designed for **climate controlled indoor areas** with temperatures ranging **from 5 to 80 °C**.

Use as a **dividing element in areas with a continuous flow of goods**, to ensure optimal insulation. Installation in any industrial sector, but it is especially recommended in places with high traffic.

Opening options:



Options

- Metallic motor cover.
- All elements in stainless steel (guides, lintel, console, feet and screws).
- Additional or custom sight glasses.
- Electrical panel with single-phase connection, use at 220V or 60 Hz, v = 1.2 m/s with shifter.
- Self-healing.
- White lacquer profiles.
- Emergency UPS system.
- Customized corporate canvas design.
- Flashing beacon/marker.
- Reduced lintel.
- Inductive limit switches.

Structure

Made with anodized aluminum lintel with a high degree of tightness. Wall-floor fixings in stainless steel. Hidden cable system.

Configured with a PVC-Nylon canvas interfacing 1 mm thickness and 900 gr/m² with a configurable transparent window.

Maximum beam width	4 m
Maximum passage height	3,4 m

Motor

- Supply voltage 3x400V/ 3x230V VAC+PE,160 rpm.
- Opening and closing speed: 1 m/s.
- Limit switches by encoder.
- IP65 humidity protection.
- Low noise level gears.



Safety

Photocell barrier integrated in the guide.

Interior/exterior emergency button panel and **possibility of manual opening in case of emergency**.

Colors

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

Control panel

- Digital control of regulation and position of the door.
- Long duration mechanical block contactors.
- High quality terminal set for external connection.
- If the power is cut, the door is not deprogrammed and its position does not have to be adjusted again.
- Three-phase 3x380/400 VAC+N+PE or singlephase 2x230 VAC+N+PE connection.



Easy assembly

Simple and fast installation, programming and regulation with low maintenance. Pre-installed door.



Customization

Customization of corporate canvases.



Saving

Savings in time and money.



Safety

This door complies with the standards of safety required under the EN13241-1 standard.CE marking.



Safety system

Unique safety systems.

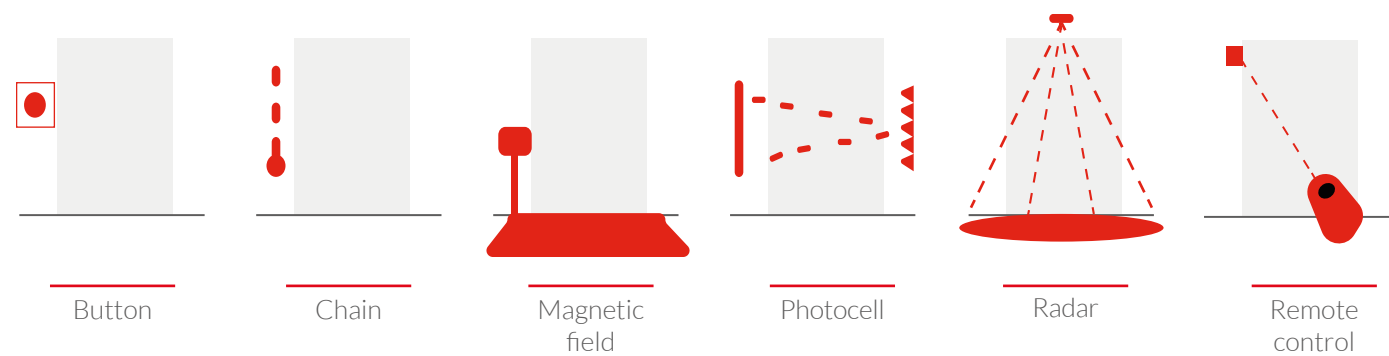
Self-repairing high-speed roller door



Kaviddoors self-repairing high-speed roller doors provide a solution to the partitioning of work areas, both indoors and outdoors, with high traffic of people and vehicles with the need for quick opening and closing maneuvers.

Thanks to its self-healing function, if it receives an impact, the canvas comes off the guides without suffering any damage and then reverts back to its original position to continue working normally.

Opening options:



Options

- All elements in stainless steel (guides, lintel, console, feet and screws).
- Metallic motor cover.
- White lacquer profiles.
- Additional or custom sight glasses.
- Uninterruptible power supply single phase 1200w (UPS).
- Customized corporate canvas design.
- Motor in horizontal position.
- Refrigerator.

Structure

Made with **anodized aluminum lintel** or stainless steel with a high **degree of tightness**.

Wall/floor fixings in stainless steel. Hidden cable system.

Canvas

PVC-Nylon interlocking canvas 1 mm thick and 950 gr/m².

Safety

It has a photocell barrier IP67 2000H or 2500H transmitter-receiver. Interior/exterior emergency button panel.

It does not require a safety switch.

Colors

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



Motor

- Supply voltage 3x230/400 VAC+PE, 05 CV, 160 rpm, IP54.
- Opening and closing speed: 1 m/s.
- Electronic limit switches or by encoder.
- Low noise level gears.

Control panel

- 1x230 VAC+PE at 50-60 Hz, with frequency shifter with maximum output power 0.75 kW.
- Digital control of regulation and position of the door.
- IP55 protective box in ABS plastic material to mount in places with positive temperatures.
- Protected with the use of class II equipment and reinforced insulation.
- Display viewer on the case for ease of use when the case is closed.



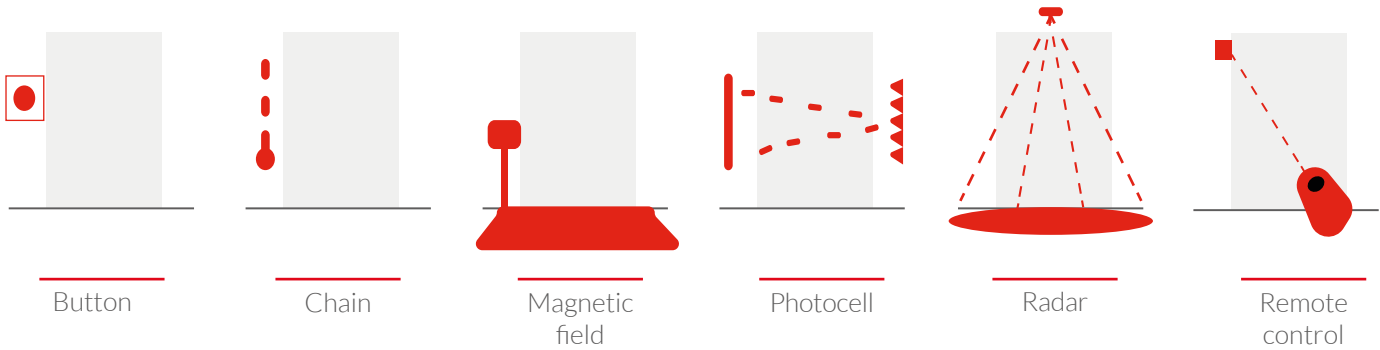
High speed refrigerated door T+0°/-20°C self-repairing



Kavidoors single canvas high-speed refrigerated doors are specially designed as a solution to **limit condensation in refrigerated rooms with a high load of humidity** and its access.

Use for refrigerated rooms for **chiller rooms (+0 °C) and freezer rooms (-20 °C)**. Withstands temperatures down to -25 °C. Self-healing function.

Opening options:



Pre-installed door

Door pre-installed and with all the hardware.



Closing

Closing with climatic and sanitary guarantees by using a canvas system without reinforcements and a hermetic guide.



Opening/closing speed

Opening and closing with speed shifter: maximum opening speed of 1.2 m/s.



Durability

Quality materials, offering great resistance and durability. Self-healing system.



Safety

It complies with the safety standards required under EN13241-1 and complies with class 3 for wind resistance.

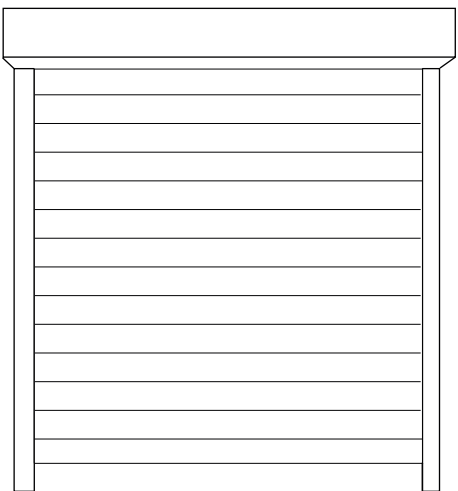


Easy assembly

Easy programming and regulation. Low maintenance.

Options

- White lacquer.
- UL configuration.
- High speed door with integrated air curtain.
- Opening timer.
- Door with all components in 304 stainless steel.



Structure

Guides of anodized aluminum with gaskets of polyethylene and low-wear for **superior insulation**.

Stainless steel lintel with a dynamic lintel system to adapt to the canvas and **thus avoid the passage of air and loss of temperature**. Support console and fixings.

Canvas

Canvas without sight glass of 7 mm with thermal transmittance of 3.3 W/m²K. **Double heating system in guides, motor and canvas to prevent the forming of ice** in freezing chambers. The canvas and motor withstand temperatures down to 25 °C below zero.



Safety

The door has an emergency switch inside, adapted to low temperatures, and outside. For **freezer rooms**, the door has a **transmitterreceiver photocell incorporated in the guide** so that the condensation does not cause false positives. Availability of photocell system in the lintel for **anti-crushing safety** with return. SOFT EDGE lower profile canvas.

Colors

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

Motor

- 3x380/400 VAC+N+PE, 90 rpm motor.
- IP65 protection.
- Power: 0.55 KW.
- The speed of the door depends on the dimensions.
- Temperature control integrated in the connection plate.
- 60 N/m.
- Thermal sensor: -80 °C.

Control panel

- Digital control of regulation and position of the door.
- IP54 protective box in ABS plastic material for placement in places with positive temperatures.
- High quality terminal set for external connection.
- Connection to 220 V. 1P+N+T.
- Display visible from the cover.
- Possibility of programming external to the panel.



No Frost system
Prevents the forming of ice.



Energy cost
Energy cost reduction. Economic savings.



Insulation
High insulation.



Temperature
Minimum temperature loss when opening the door up to 25 °C.

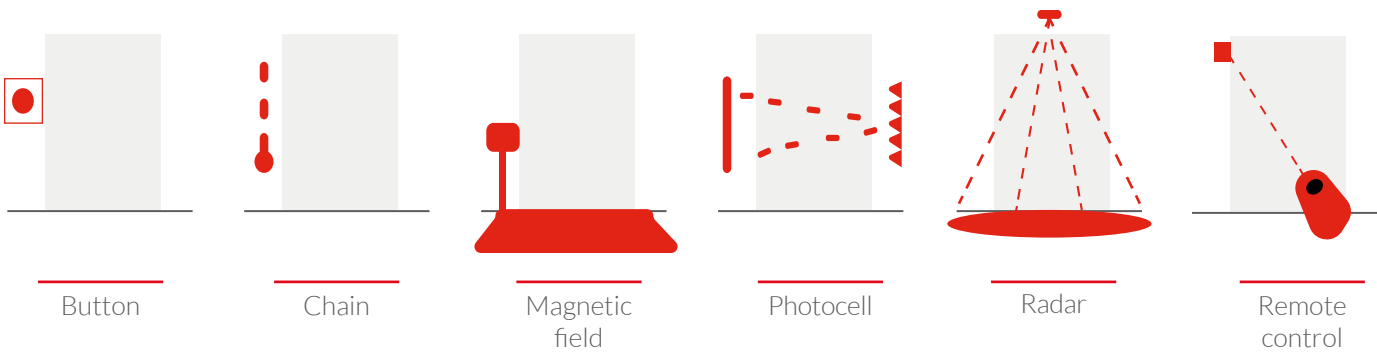
High speed canvas refrigerated double door



The Kavidoors double canvas refrigerated high speed doors with heating are **designed for negative temperature environments down to -30 °C**.

The air recirculation system contributes to the elimination of condensation and ice both in the door as well as in the freezing rooms with a high level of humidity. **Self-healing function**.

Opening options:



Double canvas door

The two 5 mm isothermal canvases open and close simultaneously.

The **hot air** that is introduced between the two canvases through a tube located at the bottom is internally recirculated in a closed circuit. This **tends to rise**, so the door has an **extractor** in the lower part that **sucks it in and recirculates it** to also cover this area. Closed circuit. In addition to the extractor, the **interior of the lintel** is completely **thermally insulated** and both the lintel and the feet are entirely covered with insulation, the latter being heated.

Thanks to this system it is guaranteed that the **air** that is exchanged between the antechamber during the openings **has a low level of humidity, which prevents condensation and the formation of ice**.



Safety

The door has **photocells at three heights and a protection system for the entire route**. Furthermore, the **risk of accident is minimal**, since the lower part is not rigid but soft, with high and safe energy dispersion; so, in the event of a mishap, the damage would be nonexistent due to the material used.

Inductive limit switches as a complement to the limit switch by encoder, which is the most common. If an electronic overload occurs and the limit switches fail, the **inductive ones will act as a stop function**, providing the door with **double safety when stopping**.

Colors

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



Energy cost reduction
Option of automatic regulation by thermostat.



Power
It requires a lower power than in air heating systems.



Safety
Minimal accident risk. Better safety.



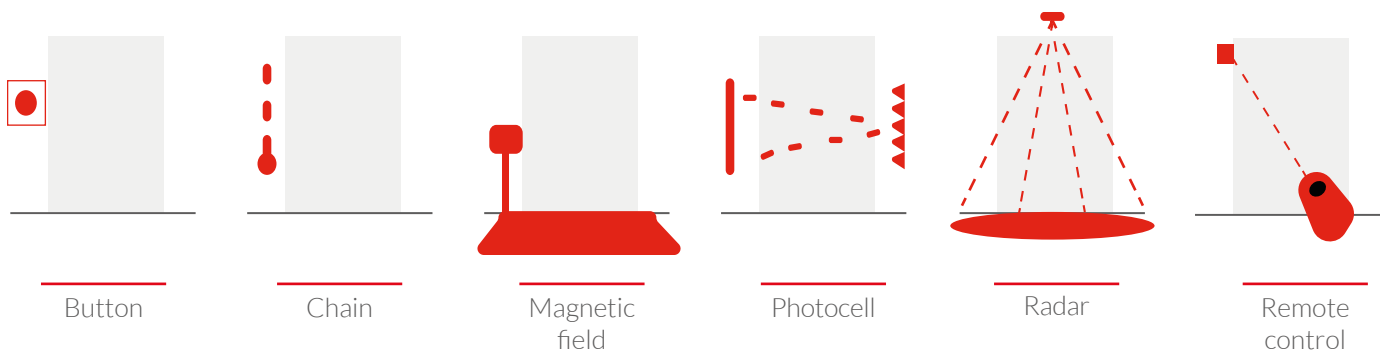
Energy efficiency
The built-in energy efficiency module adjusts to the energy cost based on the actual ambient temperature.

High speed self-repairing clean room roller door



Kavidoors clean room high-speed roller doors provide a solution to the **partitioning of work areas, especially between the “clean” and “dirty” areas** through a “lock” system with high traffic and **the need for quick opening and closing operations**. If it receives an impact, the canvas comes out of the guides without suffering any damage and then returns to its original position.

Opening options:



Motor

- 3PH 230V/400V power supply VAC+PE, 160rpm, IP54.
- Opening and closing speed up to 1m/s
- Power: 0.55 KW.
- Electronic limit switches.
- Low noise level gears.
- 35 N/m.
- Encoder positioning. Option to incorporate electronic detectors.
- Motor cover.

Control panel

- Single-phase connection 1x230 VAC+PE at 50-60 Hz and with frequency shifter.
- Digital control of regulation and position of the door.
- IP56 protective box in ABS plastic material to mount in places with positive temperatures.
- Protected with the use of class II equipment and reinforced insulation.
- Display viewer on the case for ease of use when the case is closed.
- Closing delay from 0 to 99 seconds at positive temperature.
- Adjustable acceleration and deceleration ramps.



Options

- All elements in stainless steel (guides, lintel, console, feet and screws).
- Anodized aluminum structure.
- Uninterruptible power supply single phase 1200w (UPS).
- Flashing beacon/marker.
- Reduced lintel.
- Lock system between several doors through a programmable switchboard.
- Additional or custom sight glasses.



Safety
Control and security for maximum hygiene. Easy cleaning.



Design
EN ISO 14644-1 standard.



Fixing to the ground.
Hidden fixing to the ground.



Easy assembly
Simple and fast installation, programming and regulation with low maintenance. Preinstalled door.



Saving
Savings in time and money.



Safety
It complies with the safety standards required under EN13241-1 and complies with class 2 for wind resistance.

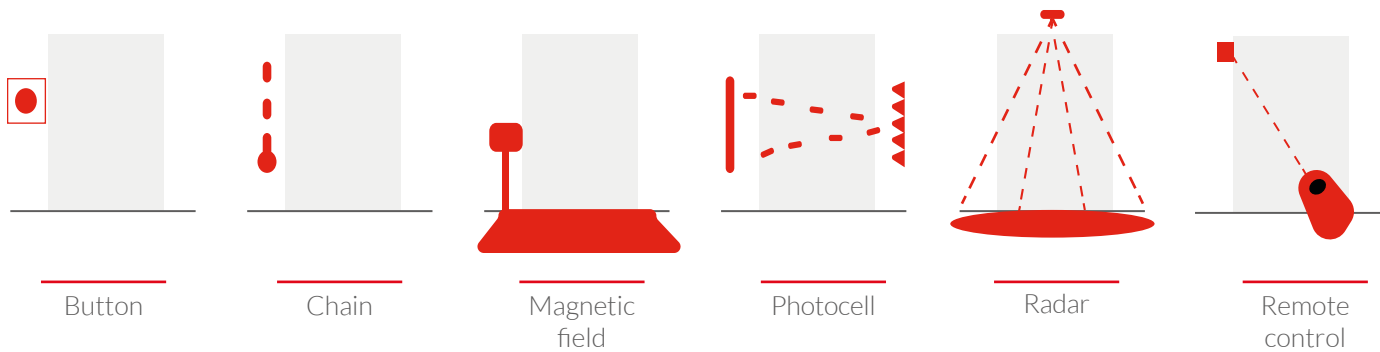
High speed horizontal roller door



Kavidoors high-speed horizontal rollup doors provide a solution to the partitioning of work areas, **both indoors and outdoors. Class 2 wind resistance.**

Prevents the possible entry of dirt or bacteria inside the building. Free up space twice as fast. PVC canvas with large viewing window.

Opening options:



Structure

Galvanized side guides for the entry of horizontal slide rails and winding shafts. It is guided by two anodized E6/EV1 aluminum bars connected to the trolley.

Colors

Wide variety of RAL colors to meet the needs of each client.

Motor

- Complies with **DIN-EN 12453** standard for “Industrial, Commercial and Garage Doors”.
- 3x380/400 power supply VAC+N+PE.
- Power: 0.45 kW.
- Electronic limit switches.
- Super high speed door “Shifter”. Opening and closing speed up to 1m/s.



Safety

It has an IP67 2000H or 2500H photocell barrier integrated in the guide. Anti-shock system and flashing or rotating light. Interior/exterior emergency button panel and **possibility of manual opening in case of emergency.**

It complies with the safety standards required under the **EN13241-1 standard.** Timer and speed shifter.

Control panel

- Power supply: 1N 230V, PE;3N400V,PE/3. 400 V, PE.
- Frequency of operation 50-60 Hz.
- Voltage 24V.
- Dimensions LxWxH: 155x386x90 mm.
- USB 1 module.
- 1 relay contact.
- IP65 protection.
- DR2100 microprocessor control unit with main switch and integrated 230V/50 Hz frequency converter.
- Screen for menu and display errors.
- Includes emergency switch and triple push button integrated in the steel control panel (IP54).
- Automatic closing with adjustable opening time.

Options

- Automation (Opening options).
- Metallic motor cover.
- Different window configurations.
- White lacquer profiles.
- Emergency UPS system.
- Clean room KIT (motor cover, watertight gasket...).
- Control panel: digital or mechanical limit switch.
- Light signaling.
- Customized corporate canvas design.
- IP65 humidity motor protection.
- Motor in horizontal position.
- Self-healing.
- TRAFFIC guides, luminous lacquer RAL 1026-RAL 2005.



Resistance

High resistance to air. Class 2 wind.



Opening/closing speed

Opening and closing with speed shifter: maximum opening speed of 3 m/s and closing of 1 m/s.



Closing

Closing with climatic and sanitary guarantees.



Easy assembly

Easy programming and regulation.



Durability

Kavidoors high speed doors are made of high-quality materials, offering great strength and durability.



Maintenance

Low maintenance.

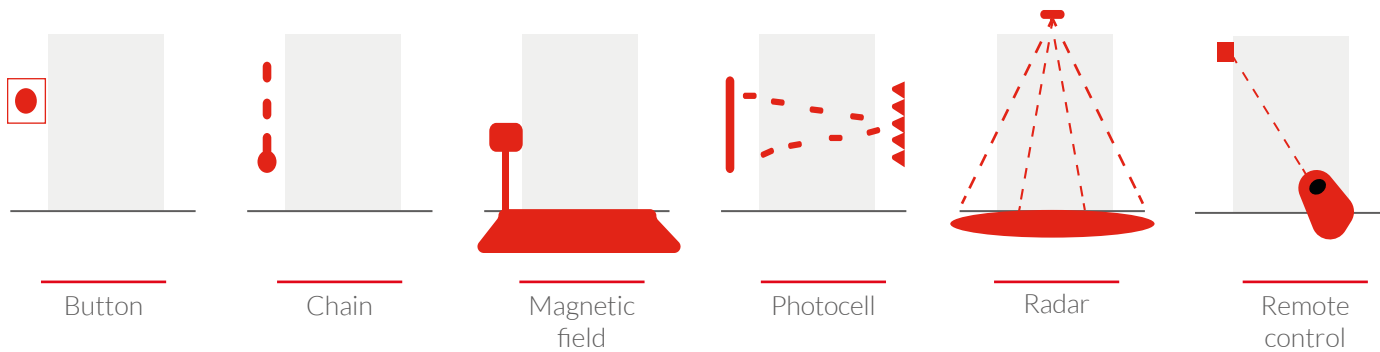
High speed stacking door



Kavidoors stackable high-speed doors provide a solution for the **partitioning** of work areas, both **indoors and outdoors**, with high traffic of people and vehicles with the need for quick opening and closing maneuvers. **Class 2 wind resistance.**

Its application may be in **large recesses** and in any sector of the industry, being important to emphasize the **improvement in the energy efficiency** of the installation due to its actuation speed.

Opening options:



Options

- Automation (opening options).
- Metallic motor cover.
- Different window configurations.
- White lacquer profiles.
- Emergency UPS system.
- Clean room KIT (motor cover, watertight gasket...).
- Light signaling.
- Customized corporate canvas design.
- IP65 humidity motor protection.
- Horizontal position motor.
- Self-healing.
- TRAFFIC guides, luminous lacquer RAL 1026-RAL 2005.

Structure

Side guides and upper drawer made of galvanized steel and lacquered in RAL 7011, provided with side seals.

Configured with a 900 gr/m2 canvas made of polyester fabric with PVC coating on both sides. It has two lines of sight glasses.

Motor

- Three-phase motor with chute system integrated in its gear and limit switches by encoder.
- Speed 1m/s.



Safety

It has a **lower anti-crushing safety band**, motor with chute system, interior/exterior button panel, photocell and lower strip of canvas in yellow and black. It complies with the **safety standards** required under the **EN13241-1 standard**.

Timer and speed shifter. **Reaction to fire:** M2 classification.

Control panel

- Programmable.
- IP65 protection.

Colors

We have a **wide variety of colors** to meet the needs of each client: white 9016, yellow 1003, orange 2004, red 3002, blue 5015, blue 5002, green 6026, gray 7038 and black 9005.



Resistance
High resistance to air. Class 2 wind.



Opening/closing speed
Opening and closing with speed shifter: maximum opening and closing speed of 1m/s.



Closing
Closing with climatic and sanitary guarantees.



Airtightness
The fast and tight closing of the Kavidoors stackable high speed door allows better climate control. Using a canvas system without reinforcements and a hermetic guide, we make possible a closure with climatic and sanitary guarantees.



Easy assembly
Easy programming and regulation.



Durability
Kavidoors high speed doors are made of high-quality materials, offering great strength and durability.



Maintenance
Low maintenance.



Seguridad
This door complies with the safety standards required under the EN13241- 1 standard and complies with class 2 for wind resistance. The motor complies with the DIN-EN 12453 standard for "Industrial, Commercial and Garage Doors."

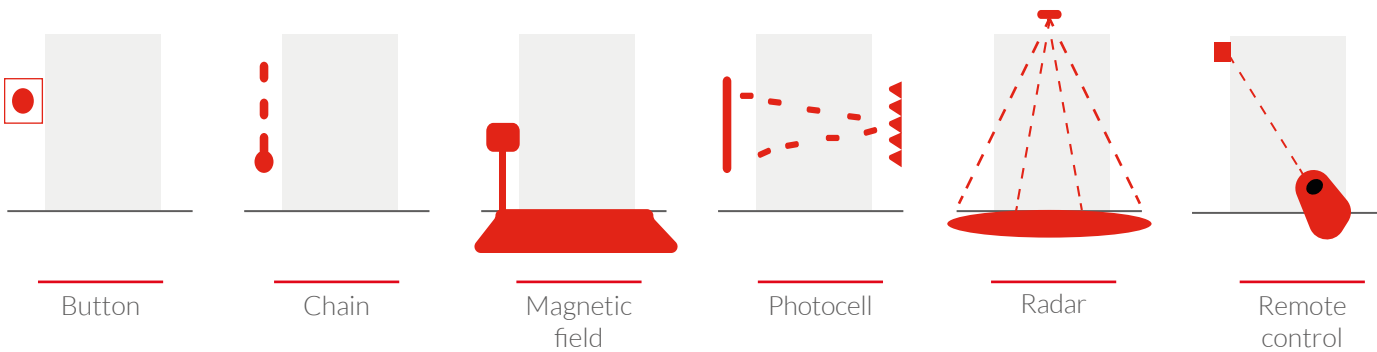
High speed spiral door



Kavidoors spiral high-speed doors are designed to be installed in those **places where high thermal insulation and high opening and closing speeds are required.**

Possibility of application both indoors as well as outdoors on facades in sectors such as logistics, food, automotive, industry or transport.

Opening options:



Options

- Acoustic insulation of the guides.
- Flashing or rotating light.
- Pulse transmitters.
- Aluminum panels with glass or ISO.
- Without spring system.
- Drive/bale cover.
- Induction loop.
- Radio control (remote control).

Frame

Upper, lower and side frame designed in anodized E6 / EV1 aluminum. RAL color paint option.

Guides

Pre-finished, durable, self-supporting and galvanized rails with integrated spiral console.

Panel

The door leaf is made of **40mm thick PIR foam filled ISO panels**. The slats are attached to a hinge chain and guided vertically.

Colors

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



Logistics processes
Improve workflows and logistics processes.



Resistance
Resistance against class 3-4 wind loads and impacts. Resistance up to 6,000x6000 mm and more than 500,000 cycles.



Saving
Energy saving.



Customization
Customized design.



Low maintenance
Low maintenance and easy to replace.



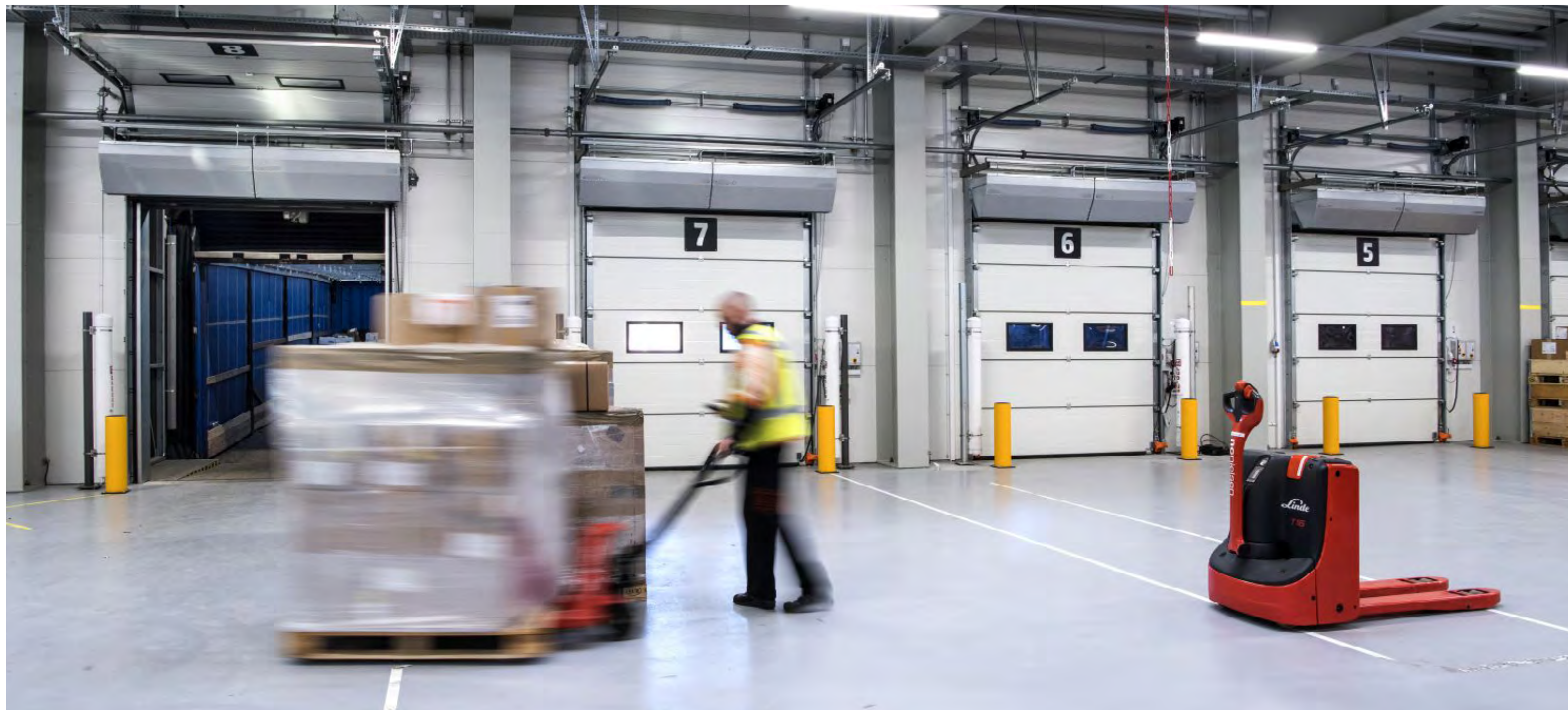
Opening and closing speed
High opening and closing speed: opening up to 2.5 m/s and closing up to 1 m/s.



Insulation
High thermal insulation.



Guided
Low-wear, quiet guiding operation.



07 AIR CURTAINS

- Air curtains AIRTEK _____ 86
- Air curtains AIRPRO _____ 88

Air curtains



Air curtains are equipment that **creates an invisible air barrier in the interior and the outside of a chamber**, maintaining the thermal conditions in it and allowing the passage of people or vehicles.

We have two models:

- Air curtains AIRTEK
- Industrial air curtains AIRPRO.

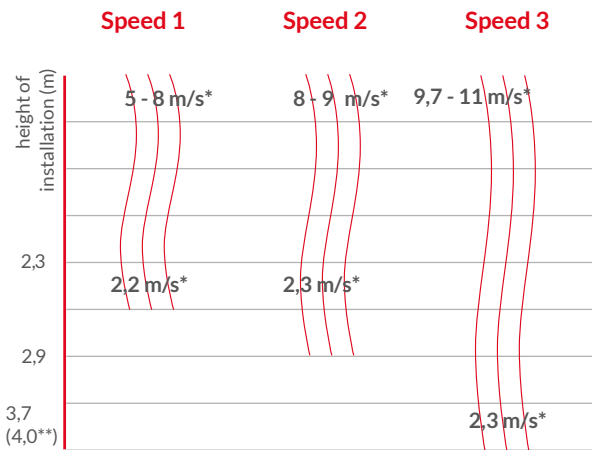
Air curtains AIRTEK

The new AIRTEK comes with modern design, high performance parameters and full range of accessories. AIRTEK is synonymous to modernity, superior and advanced technology.



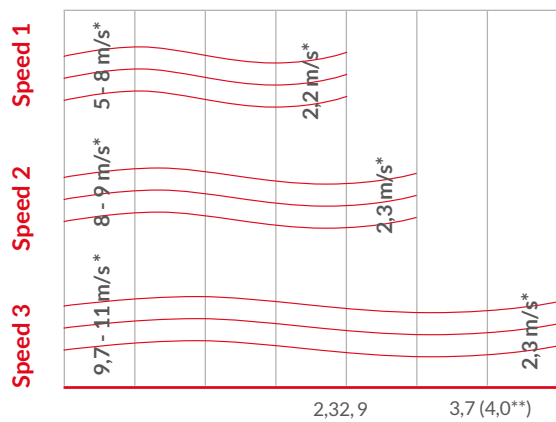
Horizontal air flow range

(max installation height)



Vertical air flow range

(max range by vertical installation)



* air flow speed
** ambient air curtain

Characteristics

- Manual temperature regulation.
- Fan speed change.
- Control up to 2 pcs of AIRTEK air curtains.

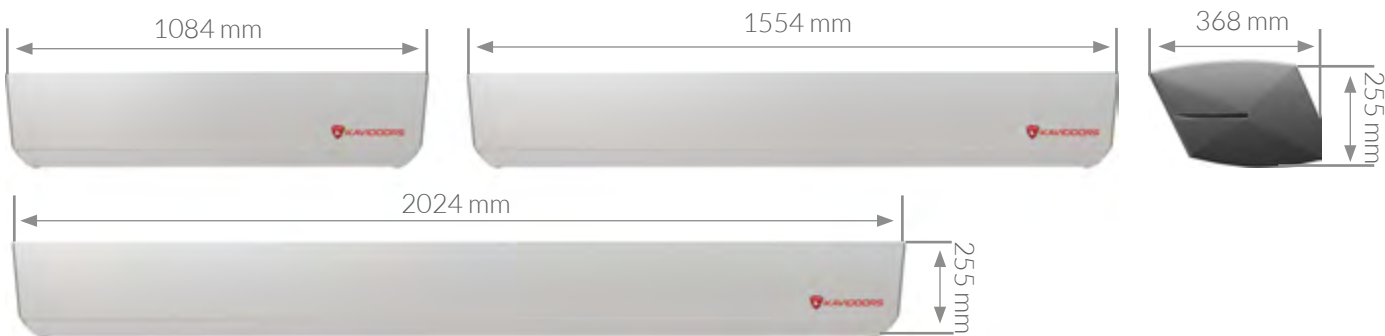


MAGNETIC doorswitch

Allows to activate/deactivate air curtain depending on opening of entrance doors.

BMS

Delivery of basic signals to Building Management System.



TECHNICAL DATA	AIR CURTAIN WITH WATER HEATER			AIR CURTAIN WITH ELECTRIC HEATER			AIR CURTAIN WITHOUT HEATER		
	AIRTEK 100W	AIRTEK 150W	AIRTEK 200W	AIRTEK 300E	AIRTEK 150E	AIRTEK 200E	AIRTEK 100C	AIRTEK 150C	AIRTEK 200C
length of unit	m	1	1.5	2	1	1.5	2	1	1.5
max. installation height	m	4	4	4	4	4	4	4	4
max. air output	m³/h	2000	3600	4800	2000	3600	4800	2100	3700
heat output*	kW	10-16	20-29	25-40	4-7	6,5-11	8,5-14	-	-
max. working pressure	MPa	1,6	1,6	1,6	-	-	-	-	-
diameter of connection nozzles	inches	1/2"	1/2"	1/2"	-	-	-	-	-
power supply	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50	230/50	230/50
	A	1,95	2,6	2,6	1,95	2,6	2,6	1,95	2,6
motor power	W	220	320	320	220	320	320	220	320
power consumption	V/Hz	-	-	-	400/50	400/50	400/50	-	-
	A	-	-	-	11	16,6	22,4	-	-
weight	kg	16,5	20,5	28	17	21,5	29	15	18,5
noise level	db (A)	59	61	62	59	61	62	60	61
protection class IP	-	IP21	IP21	IP21	IP21	IP21	IP21	IP21	IP21



Air vent
High performance parameters, air outlet 4800 m² / h, air draft up to 4 m.



Noise
Low noise level.



Technology
PTC electric heater technology.



Weight
Reduced weight.

Air curtains AIRPRO

AIRPRO is a line of industrial air curtains designed for protection of industrial buildings from the loss of heat energy through gateway.

Air flow range up to 7,5 m thanks to high efficiency fans and modular construction.

Active protection system



ACTIVE PROTECTION system improves effectivity of air bareer which protects entrance doors.

ACTIVE PROTECTION SYSTEM helps to save energy supplied for heating of air curtains. Main principle is to install AIRPRO with water heater at the bottom and AIRPRO without a coil at the top.

Hot air leaving bottom curtain will move into upper side and will create temperature comfort for users. In this case only bottom curtain is supplied with heating medium, it gives substantial savings on operating costs.

Automatic control

Doorstop

Starts operation of curtain when door opens.



Speeder

Air exhaust regulation.



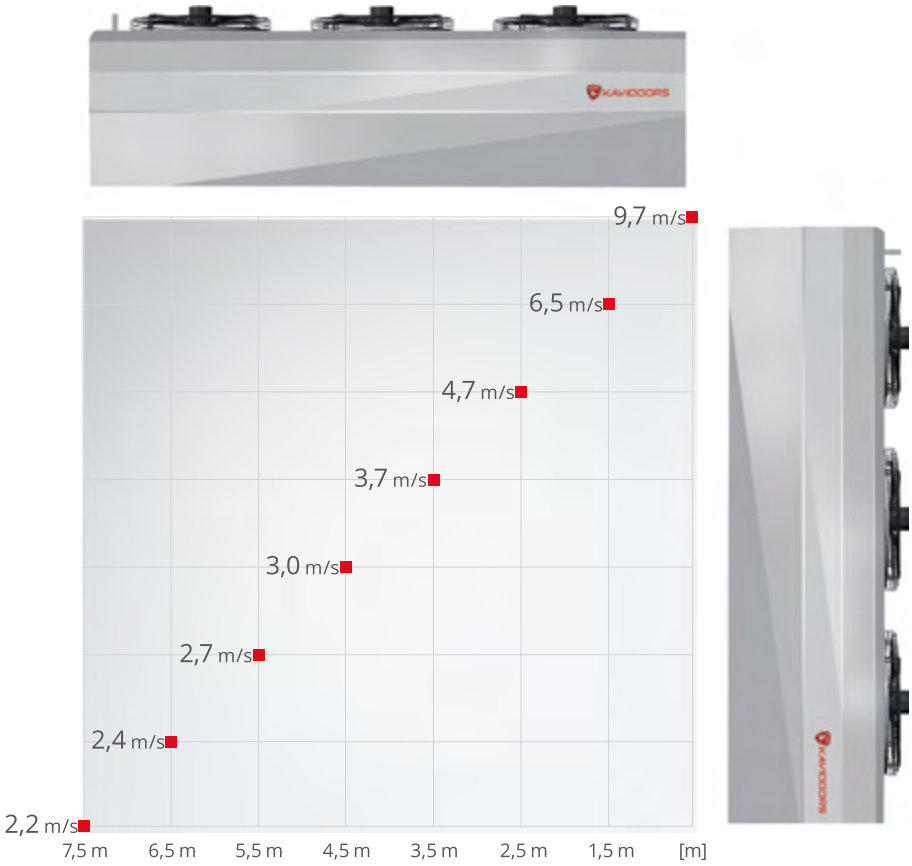
Control box

Complete electrical connection box.



TECHNICAL DATA		WATER CURTAINS		ELECTRIC CURTAINS		COLD CURTAINS	
		AIRPRO 150W	AIRPRO 200W	AIRPRO 150E	AIRPRO 200E	AIRPRO 150C	AIRPRO 200C
length of unit	m	1,5	2	1,5	2	1,5	2
maximum installation height	m	7,5	7,5	7,5	7,5	7,5	7,5
heat output*	kW	33	47	14	21	-	-
max. air output	m³/h	6500	9000	6700	9100	6800	9200
max. working pressure	MPa	1,6	1,6	-	-	-	-
diameter of connection nozzles	inches	3/4"	3/4"	-	-	-	-
power supply	V/Hz A	230/50 2,4	230/50 3,6	230/50 2,4	230/50 3,6	230/50 2,4	230/50 3,6
motor power	W	0,5	0,75	0,5	0,75	0,5	0,75
power consumption	V/Hz A	-	-	400/50 17	400/50 29	-	-
weight without water/with water	kg	46/44	62/60	45	63	37	51
IP protection class	-	IP54	IP54	IP54	IP54	IP54	IP54

Speed of air flow



Air vent
Air projection up to 7.5m.



Modular system
Modular system based on the length of 1.5 m and 2 m air curtains.



Mounting
Vertical or horizontal mounting.



Active protection
Active protection system helps save on energy.



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