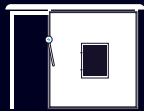
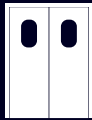
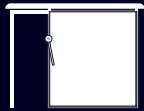




CATALOG







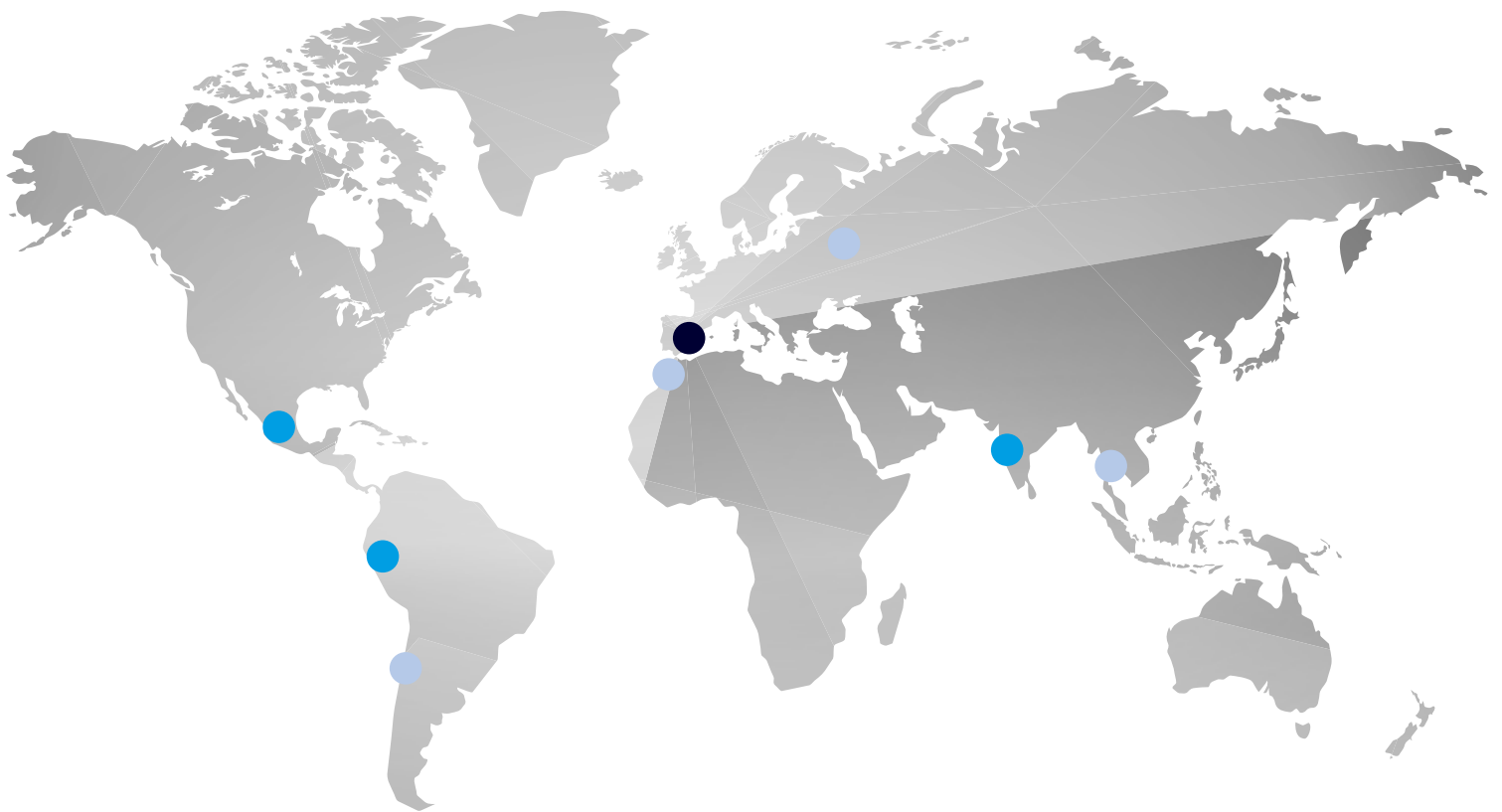
With over 40 years of experience, at Infracra, we are leaders in the design, development, and manufacturing of industrial doors for different sectors, with a particular focus on industrial refrigeration and the agri-food industry.

Our extensive experience and knowledge allow us to offer customized solutions tailored to the unique needs of each client. We take pride in using specific materials of the highest quality to ensure the performance and durability of our industrial doors.

Today, we are proud to be a recognized company both nationally and internationally. Our industrial doors are present on all five continents, thanks to our subsidiaries and the dedication of our team.

Trust in our expertise and industry knowledge to find the ideal solution that ensures efficiency and safety in your projects. We accompany you every step of the way with our commitment to quality and service.





Index

The data included in this catalogue are indicative and may be modified without prior notice due to Infrac's ongoing improvement and development of products.

EN-V.2212

Generic information

COLD ROOM DOORS

Sliding doors

002 ST

IF (Industrial)

Automatismos

Vertical

IFire Ei2-60

Hinged doors

Commercial

Lite

Industrial

IFire Ei2-90

Temperature Control System HTCP

Control panel IF10VF

Fixed / Sliding Strip Curtains

SEVICE DOORS

Hinged doors

Service hinged

Clean room

Fire rated

Display Window

FilFast Swing door

DesliTherm sliding doors

Manual

Auto

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PRE Lite

GPRE / PRE Jumbo

PRE INOX

PRX

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GPRX / PRX Jumbo

PRX INOX

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Freezer -25°C

Fold up

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Controlled Atmosphere

Overhead Doors

KombiCore

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Sectional door

Dock shelters

Dock levellers

ACCESSORIES

PP/PE Protection

Concave PVC Sanitary

Protective Sanitary Skirting

Cladding Sheets

Trim Strips- Ceiling Suspension Sections

Nut covers/ Top Hats - Presure Equilibration Valves

GENERIC DJ

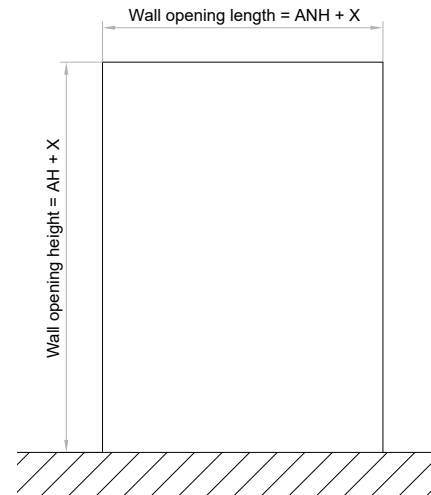
GENERAL INFORMATION

Information about measurements

- Industrial doors are an essential part of any construction project, and to ensure their correct installation, it is fundamental to understand the appropriate measurements. In our catalog, the measurements of the doors are defined by clear opening width and clear opening height, which refer to the free space once the door is open.

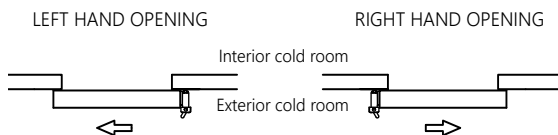
- Measurements: CLEAR OPENING WITH x CLEAR OPENING HEIGHT (mm)

- For installers, one of the most crucial measurements is the panel cut or clear opening. This measurement is always indicated in relation to the "ancho luz" and "alto luz" of the door, and an increment (in mm) is added. This increment corresponds to the space needed to fit the door frame and allow for subsequent precise adjustments.

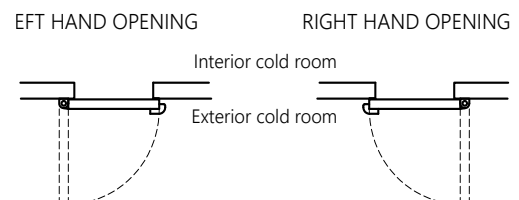


Opening directions

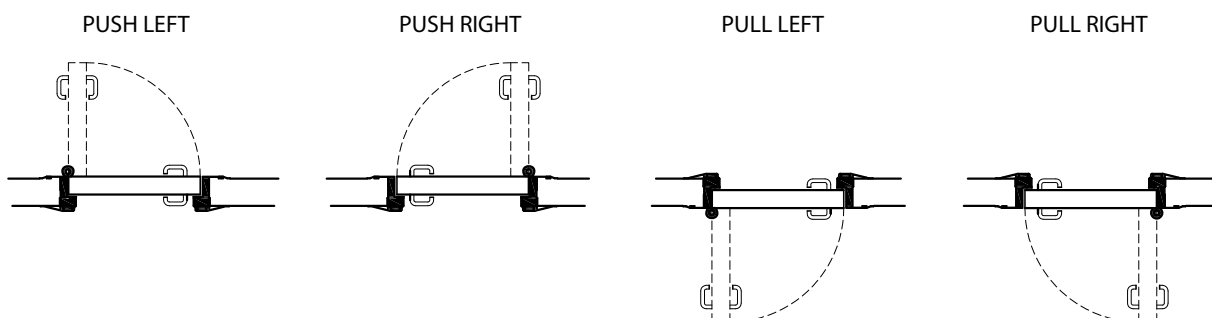
SLIDING DOORS



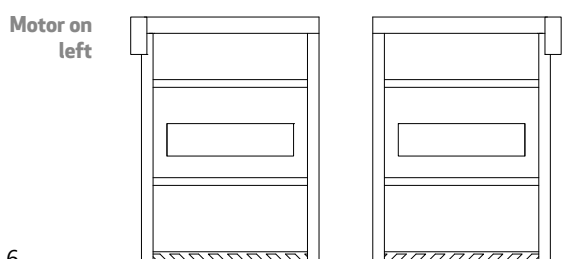
HINGED COLD ROOM DOOR



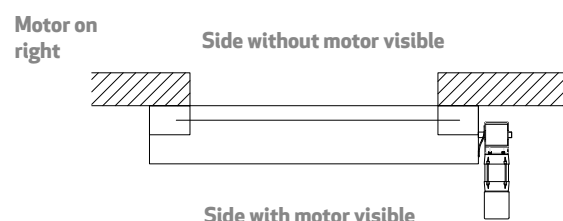
HINGED SERVICE DOORS



MOTOR SIDE (RAPID DOORS)



COLOURED FABRIC SIDE



Range of finishes

■ Infrac's doors come with certain standard finishes, which depend on the particular type of door. The table below compares the different finishes, to allow selection of the most suitable for a given application.

Polyester finish (CS)

- Galvanized steel sheet EN10142 and EN10147 with 25μ polyester protection: Pyrenees white 1006 (equivalent to RAL 9002), dark grey (RAL 7015) and pearl grey 5001 (equivalent to 9006), ask for others.
- Limited corrosion resistance.
- **Food grade approval.**
- Supplied with protective film.

PVC finish

- Galvanized steel sheet EN10142 and EN10147 steel sheet with 130-200μ PVC protection, white colour (equivalent to RAL 9002).
- Very high resistance to corrosion and chemical agents.
- **Food grade approval.**
- Supplied with protective film.

Stainless steel finish (S/S)

- AISI 304 2B stainless steel sheet.
- High corrosion resistance.
- **Food grade approval.**
- Supplied with white-lacquered counter frames.

Polypropylene finish (PP)

- Isotactic polypropylene sheet with smooth finish, white colour (equivalent to RAL 9010).
- Corrosion free and high resistance to chemical agents.
- **Food grade approval.**
- Supplied with protective film.

Polyester/ Fibre Glass composite finish (GFRP)

- Fibre Glass-reinforced polyester sheet with smooth finish, white colour (equivalent to RAL 9010), ask for other finishes.
- Corrosion free and high resistance to chemical agents.
- **Food grade approval.**
- Supplied with protective film.

Comparison of finishes

	Mechanical resistance	Impact resistance	Corrosion resistance	Hygiene
CS	✓✓✓	✓✓	✓	✓
PVC	✓✓✓	✓✓	✓✓	✓✓
S/S INOX	✓✓✓	✓✓	✓✓	✓✓
PP	✓✓✓	✓✓✓	✓✓✓	✓✓✓
GFRP	✓✓	✓	✓✓✓	✓✓✓

Product range table

Cold room doors

Opening type	Traffic frequency	Measures	Temperature range	
			+0°C	-20°C
Sliding	High	Up to 2500x3000mm Max. surface 6,25m².	002	IF
		> 1200x2200mm		
Hinged	High	Up to 1200x2200mm	Commercial	Industrial
		> 1200x2200mm	Industrial	

High-speed doors

	Max. clear opening dimensions	Wind resistance	Wind and high pressures		
			Low	Moderate	High
PRE	4000x3500mm	Class II	✓✓	✓	-
PRE Lite (coming soon)	3000x3500mm	Class I	✓	-	-
PRE Jumbo / GPPE	5000x5000mm	Class I	✓	-	-
PRX	4000x3500mm	Class III	✓✓✓	✓✓	✓
PRX Lite	3000x3500mm	Class II	✓✓	✓	-
PRX Jumbo / GPRX	5000x4500mm	Class II	✓✓✓	✓✓	-
PRA Fold up	6500x6500mm (Max. surface 34 m²)	Class III	✓✓✓	✓✓✓	✓✓

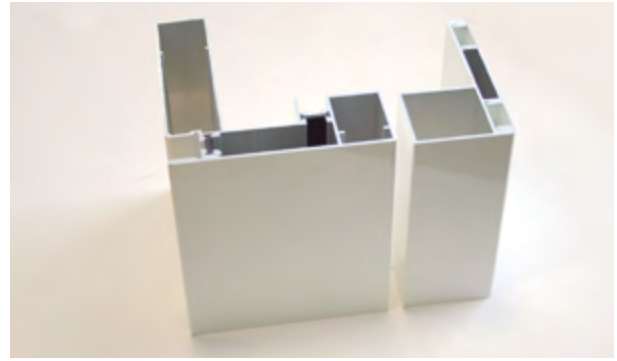
// Frame and installation types

Panel-mounted frame:

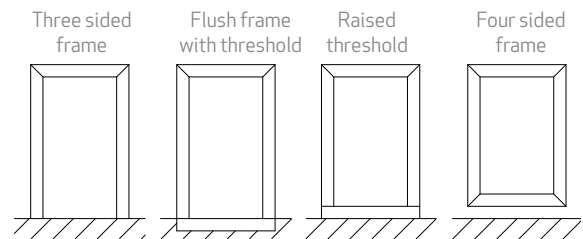
- Consists of a main frame in combination with a secondary frame (referred to as the counter frame). This combination is adjusted to the thickness of the panel into which the door is to be installed.
- If the panel is thicker than the standard counter frame combination, a third frame (supplementary frame) is used.
- The frames are joined to each other by screws, which remain hidden beneath the counter frame beading.

Wall frame:

- Consists of a main frame to which several construction clamps are attached, arranged in such a way that the door can be correctly fixed to the wall.
- The clamps are made from galvanised steel.



Types of frame:



// Product packaging



• Without packaging

• Paletized packaging

• Standard packaging of doors

- Doors are protected by a system consisting of reinforced cardboard and expanded polystyrene attached by straps, which is adapted to the measurements of each door.

• Reinforced packaging

- Available within the EU (upon request).
- Based on the standard packaging with a greater number of wooden braces and protectors.

• Metal packaging

- Reinforced packaging.
- Mainly used in overseas shipping.



Standards and certifications

CE Mark

The CE marking certifies that our products comply with the standards of transposition of harmonized norms. As a manufacturer, we are responsible for certifying the products we produce.

In the specific case of our industrial doors, we adhere to Directive 89/106/EEC on construction products, established in the Communication of the European Commission 2004/C67/05 (Official Journal of the European Union, 16.7.2004), which was transposed into our domestic law by the Resolution of June 23, 2004 (Official State Gazette, 16.7.2004). According to this resolution, the CE marking is carried out in accordance with the requirements stated in Annex ZA of the standard UNE-EN 13241-1:2004. For doors that do not require fire resistance testing, such as doors for cold rooms, the "Initial type testing by a notified laboratory" applies (conformity assessment system 3, as per the resolution of June 28, 2004). Its mandatory implementation was set for May 1, 2005.

At Infrac, all our doors that require it have the CE marking, ensuring compliance with current safety and quality regulations. We remain committed to the established regulations to guarantee the reliability and conformity of our products.



Quality Certifications

Infrac has a quality assurance system in accordance with the UNE-EN ISO9001 standard, which has been certified by the international organisation the Spanish Association for Standardisation and Certification (AENOR) since 2001, and is periodically renewed, showing the company's level of commitment to the quality of its products and service.



ER-0390/2001



Cold room Doors



- 002
- IF
- Automatism
- Vertical
- Ifire Ei2-60



- Comercial
- Lite
- Industrial
- Ifire Ei2-90



- Fixed/sliding strip curtains

ST 002

SLIDING COLD ROOM DOOR



// Application

- Sliding door for cold storages rooms used for preservation (+0°C) and freezing (-20°C).
- Installation in any type of business, shop, supermarket or in the catering and hospitality sector.

// Advantages

- **Guide system** with greater precision for regulation.
- High flexibility co-extruded EDPM weather strip.
- Low wear of mechanical elements.
- Light and versatile door.
- Self-supporting frame. Quick, easy and intuitive installation (cost saving)
- Available in stainless steel and anodised aluminium.
- Easy access to guide during installation / adjustment / repair.
- High degree of sealing, insulation, and ease of adjustment to installation position.
- Ease of adjustment (fast and efficient installation).
- Corrosion resistance and reliability in aggressive environments (depending on finish).
- Ease of maintenance.
- Does not require any auxiliary structure (saving time and costs).

WORKING TEMPERATURES

Temperature	+0°C	-20°C
Leaf thickness	80mm	100mm
Heating element power	—	40W/m

MAXIMUM DIMENSIONS

Opening width	Max. 2500mm
Opening height	Max. 3000mm
Max. surface area 6,25m ²	

Standard features



Closing system detail



Frame



Lower guide without visible screws

Locking and guide system

- Hermetic seal with 45° drop, made from extruded aluminium; allows manual opening with minimum effort.
- Internal and external handles, all screws made from stainless steel and anodised aluminium, designed and manufactured by Infrac.
- **Guiding system** with 3 axes of adjustment for greater precision. (threaded in height and depth)

Frame

- Constructed from L-section extruded aluminium with thermal break, 20 micron anodising treatment or white lacquered finish.
- Doors finished in stainless steel come with the frame finished in anodised aluminium.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.
- Supplied with white-lacquered counter frames.

Leaves

- Overlap the frame, with internal supporting frame (depending on thickness) and anodised aluminium frame.
- Injected polyurethane with density of 40-45kg/m³. Sealing guaranteed by high flexibility co-extruded EDPM double weather strip.
- Available finished in painted steel (colour stripe), AISI 304/2B stainless steel, PVC, GFRP, etc.

Distinguishing features

- **Guiding system** with 3 axes of adjustment for greater precision.
- Patented self-supporting guide system over the frame. **High strength.**
- Exclusive frame and counter frame system. **Adaptable to any thickness.**
- Frame/threshold embedded in floor allowing forklift access and including heating element housing. **Ease of maintenance.**
- Fluorescent internal handle base plate. **Security.**
- **CE Mark**



HIGH SEALING

Individually injected leaves, with high flexibility EDPM weatherstripping and double thermal door break.



SUITABLE FOR FOOD INDUSTRY

Hygienic design and specific components against moisture and corrosion



STRENGTH AND DURABILITY

Stainless steel and anodized aluminum materials for enhanced corrosion resistance and reliability in harsh environments



SMOOTH AND EFFORTLESS OPERATION

Easy operation with low mechanical wear

CLASSIC DESIGN



Infrac's classic guide with side fitting

SUPERIOR DESIGN



Top fitting with higher precision and minimum guide length

OPTIONS



Guide cover made of anodized aluminum 20 μ with hygienic design



HTCP temperature control system for freezer door heaters.



Frame with overhead for rail system



20 μ anodized treated aluminum **frame and counterframe**



Door made **COMPLETELY of STAINLESS STEEL**



Double glass window 300x300 for preservation doors



Key lock



AUTOMATION

-Motor and gears integrated in the guide hidden under the guideway (guide cover included in doors with automatism).

-Recommended for high traffic accesses. Perfect for heavy duty doors and logistic centers.

-CE marked and certified according to EN 13241-1, in order to comply with all safety requirements.

-Easy programming and use

-Control unit

IF10VF Infrac



Industrial IF

SLIDING COLD ROOM DOOR



*Optional guideway cover

Application

■ Industrial sliding door suitable for cold storage rooms used for preservation (+0°C), freezing (-20°C) and tunnel freezing (-40°C). Recommended in cold chambers and entrance areas where doors with large dimensions or overhead rails are required.

Advantages

- **System** with greater precision for regulation.
- High flexibility co-extruded EDPM double weather strip.
- Available in stainless steel and anodised aluminium.
- Easy access to guide during installation / adjustment / repair.
- Low wear of mechanical elements.
- Patented sealing system.
- Up to seven polyethylene bearings, depending on size.
- Self-supporting frame.
- High degree of sealing and insulation.
- Ease of adjustment (fast and efficient installation).
- Corrosion resistance and reliability in aggressive environments.
- Easy and low maintenance.
- Guaranteed sealing.
- High strength and durability.
- Does not require any auxiliary structure (saving time and costs).

WORKING TEMPERATURES

Temperature	0°C	-20°C	-40°C
Leaf thickness	90 - 100mm	120mm	140mm
Heating element power	—	40W/m	50W/m

MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 6000mm
Maximum total area	Max. 12 m ²

Other specific dimensions upon request

Standard features



External handle



frame



Lower guide without visible screws

Locking and guide system

- Hermetic seal with 45° drop, made from an extruded aluminium; allows manual opening with minimum effort.
- Internal and external handles and all screws made from stainless steel and anodised aluminium, designed and manufactured by Infrac.
- **Guiding system** with 3 axes of adjustment for greater precision. (threaded in height and depth)

Frame

- Constructed from L-section extruded aluminium with thermal break, 20 micron anodising treatment or white lacquered finish.
- Doors finished in stainless steel come with the frame finished in anodised aluminium. The counter frames may be anodised as an option.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.

Leaves

- Overlap the frame with internal supporting frame (depending on thickness) and anodised aluminium frame.
- Injected polyurethane with density of 40-45kg/m³. Sealing guaranteed by high flexibility co-extruded EDPM double weather strip.
- Available finished in painted steel (polyester finish), AISI 304/2B stainless steel, PVC, GFRP, etc.
- Custom manufacture.

Distinguishing features

- **Guiding system** with 3 axes of adjustment for greater precision.
- Patented self-supporting guide system over the frame. **High strength.**
- Exclusive frame and counter frame system. **Adaptable to any thickness.**
- Frame/ threshold embedded in floor allowing forklift access and including heating element housing. **Ease of maintenance.**
- Fluorescent internal handle base plate. **Security.**
- **CE Mark**



HIGH SEALING

Individually injected leaves, with high flexibility EDPM weatherstripping and double thermal door break.



SUITABLE FOR FOOD INDUSTRY

Hygienic design and specific components against moisture and corrosion



STRENGTH AND DURABILITY

Stainless steel and anodized aluminium materials for enhanced corrosion resistance and reliability in harsh environments



SMOOTH AND EFFORTLESS OPERATION

Easy operation with low mechanical wear

CLASSIC DESIGN



Infrac's classic guide with side fitting

SUPERIOR DESIGN



Top fitting with higher precision and minimum guide length

OPTIONS



Guide cover made of anodized aluminum 20 μ with hygienic design



HTCP temperature control system for freezer door heaters.



Frame with overhead for rail system



20 μ anodized treated aluminum **frame and counterframe**



Door made **COMPLETELY of STAINLESS STEEL**



Double glass window 300x300 for preservation doors



Key lock



AUTOMATION

-Motor and gears integrated in the guide hidden under the guideway cover (guide cover included in doors with automatism).

-Recommended for high traffic accesses. Perfect for heavy duty doors and logistic centers.

-CE marked and certified according to EN 13241-1, in order to comply with all safety requirements.

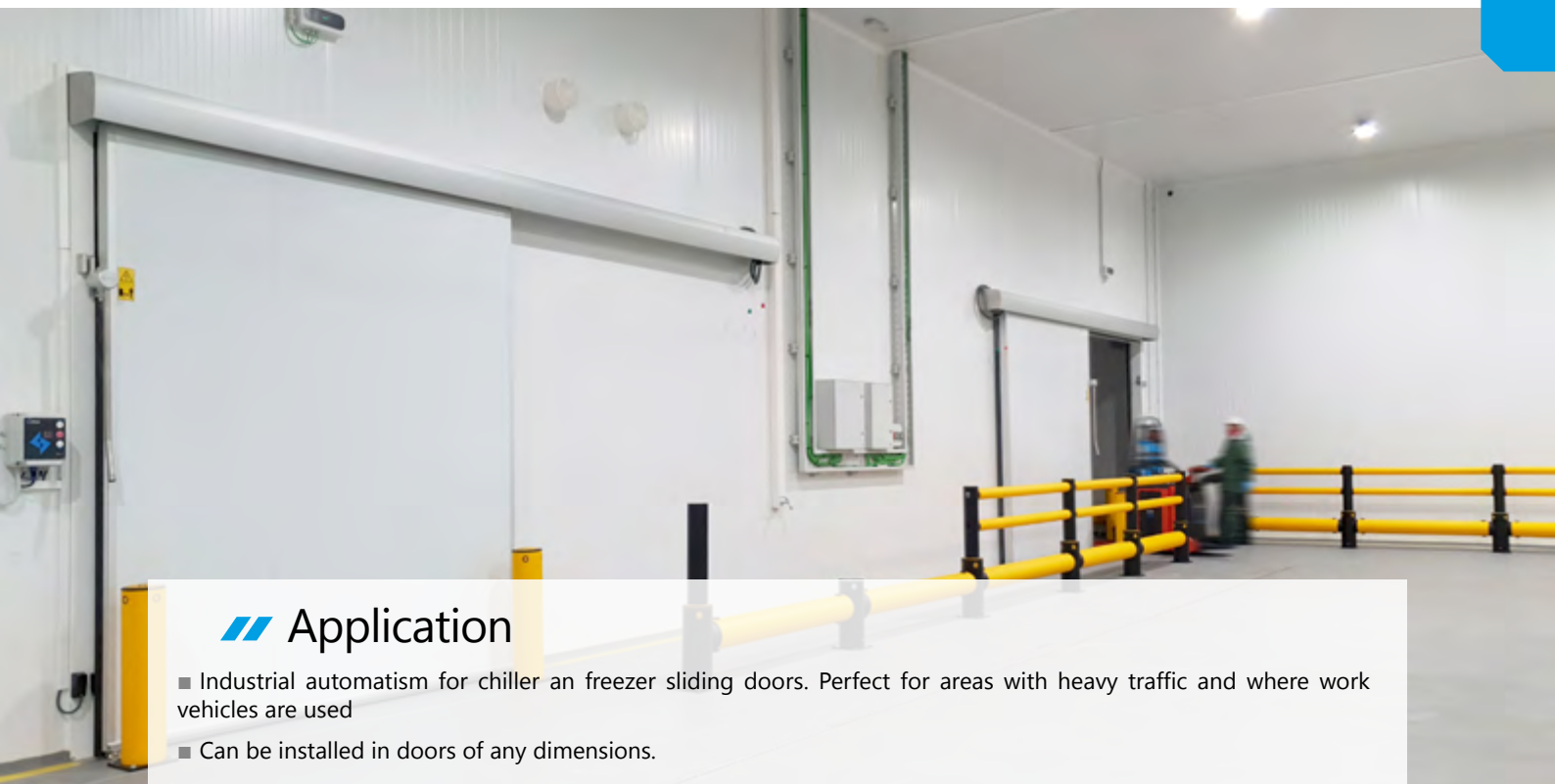
-Easy programming and use

-Control unit

IF10VF Infrac



Automatisms



// Application

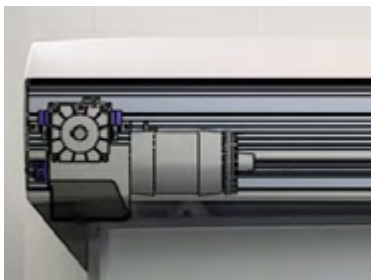
- Industrial automatism for chiller and freezer sliding doors. Perfect for areas with heavy traffic and where work vehicles are used
- Can be installed in doors of any dimensions.

// Advantages

- Recommended for rooms with a high load traffic and large doors subject to intensive use.
- Recommended for logistics centres, meat and fish industries.
- Supplied with CE marking and certified in accordance with the UNE EN 13241-1 standard, in compliance with all applicable safety requirements.
- Easy, simple and quick programming, which is supplied preinstalled.



// Standard features



Hidden motor

Motor

- MHigh-quality, durable motor designed for industrial settings, manufactured and tested in accordance with the DIN EN 12453 standard for Industrial, Commercial and Garage Doors. DIN EN 12978 specifications and classification, in compliance with health and accident prevention regulations.
- Power: 0,37Kw.
- Speed: 0.6 m/s.
- Electronic limit sensors.
- Manual disengagement to facilitate manual operations.
- Maintenance-free.



Cuadro de control IF10VF

Infrac IF10VF control unit

- Control panel designed and developed by Infrac, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

// Other

- Easy manual opening in the event of a failure in the electric power supply.
- Transmission system protected by anodized aluminium profile, held in position by stainless steel components.
- Supplied with all the corresponding safety elements: internal emergency push button, photocell and safety edge.
- Automatism with all the corresponding safety systems under EC standards.

// Activation options



■ radar



■ pull cord



■ magnetic loop



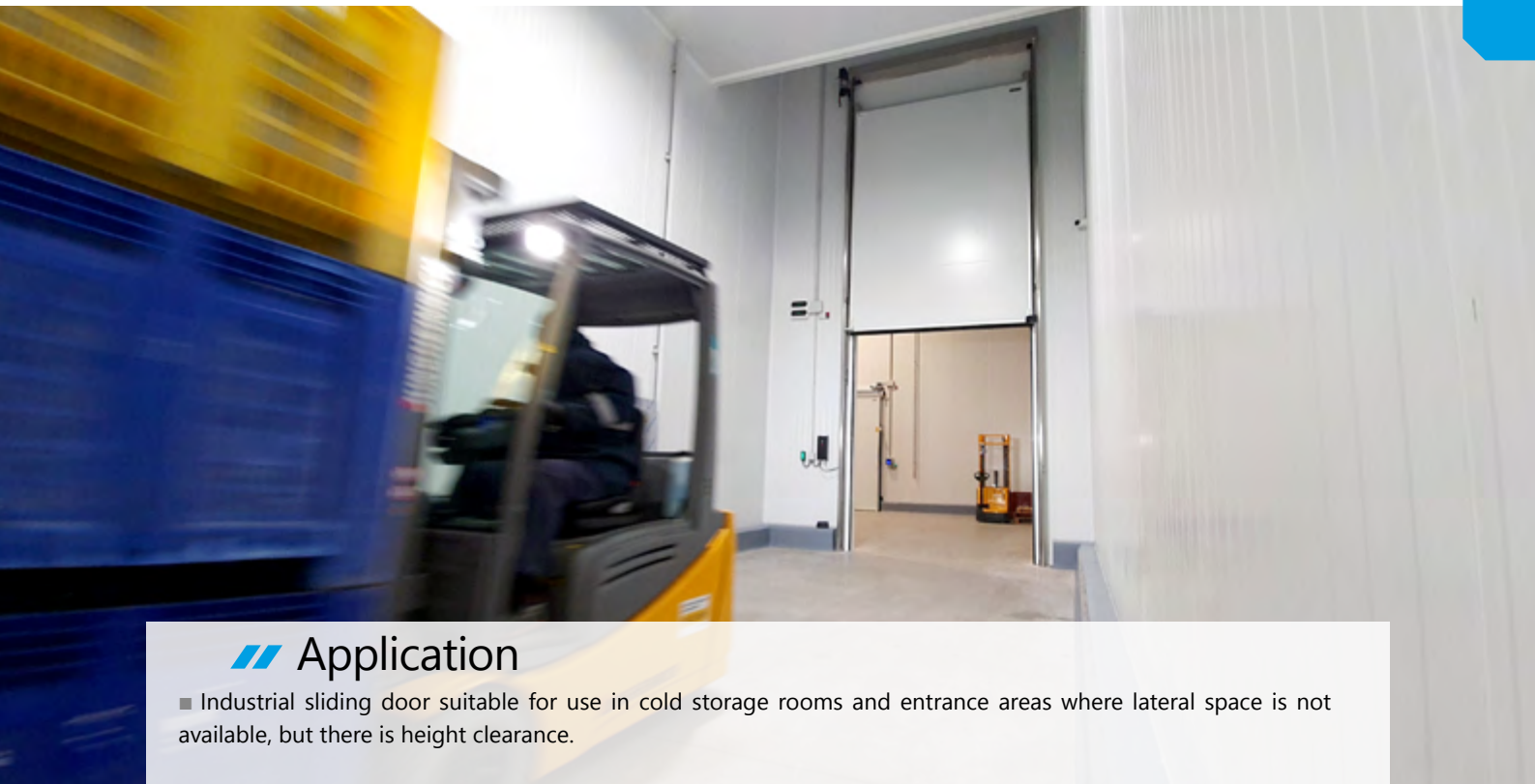
■ remote control

// Optional features

- Flashing light signal.
- Single phase UPS (Uninterrupted Power Supply).

Vertical

LIFT COLD ROOM DOOR



Application

- Industrial sliding door suitable for use in cold storage rooms and entrance areas where lateral space is not available, but there is height clearance.

Advantages

- Pre-mounted doors.
- High flexibility co-extruded EDPM double weather strip.
- Available in stainless steel and anodised aluminium.
- Stainless steel guide, guide cover and lintel cover.
- Easy access to guide during installation for adjustment / repair.
- Low wear of mechanical elements.
- Very simple installation and adjustment.
- Hidden cables .
- Infracas sealing system.
- Quick, easy and intuitive installation (cost saving)
- High degree of sealing and insulation.
- Corrosion resistance and reliability in aggressive environments.
- Ease of maintenance.
- Clean and hygienic.
- Saves time.
- Improved appearance and lower exposure.
- Guaranteed sealing.

WORKING TEMPERATURES

Temperature	0°C	-20°C	-40°C
Leaf thickness	90 - 100mm	120mm	140mm
Heating element power	—	40W/m	50W/m

MAXIMUM DIMENSIONS

Opening width	Max. 4500mm
Opening height	Max. 5500mm
Other specific dimensions upon request	

Standard features



Detail of third safety cable.



Frame and counter frame



Detail of box



Example of parachute fittings

Guide and sealing system

- Guide covers: Built in stainless steel 304, avoid the accumulation of dirt in the guide and significantly improve the appearance of the door.

Frame

- Constructed from L-section extruded aluminium with thermal break, 20 micron anodising treatment or white lacquered finish.
- Doors finished in stainless steel come with the frame finished in anodised aluminium. The counter frames may be anodised as an option.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.

Lintel

- Designed with an angled drop to facilitate cleaning and avoid the accumulation of particles and the formation of dirt on the cables.
- AISI 304/2B stainless steel lintel cover.

Leaves

- Overlap the frame, with internal supporting frame (depending on thickness) and anodised aluminium frame.
- Injected polyurethane with density of 40-45kg/m³. Sealing guaranteed by high flexibility co-extruded EDPM double weather strip.
- Available finished in painted steel (colour stripe), AISI 304/2B stainless steel, PVC, GFRP, etc.

Automation

- Power: 3x400V at 50Hz.
- Easy, simple and fast programming, since it is supplied pre-installed.

Motor

- High quality IP65 motor with chain drive, very durable in industrial environments.
- Power: 3x400C at 50Hz. Power: 0.45Kw/ 0.8 Kw/ 1.1 Kw. Speed: 20-24 rpm.
- Includes electronic limit switches and parachute break.

Safety

- Photocell safety barriers positioned at height of 2-2.5m to avoid striking people or equipment, with automatic return.
- Safety parachute in case of cable breakage.

Optional features

- **HTCP** temperature control system for **freezer doors** for energy and cost savings.
- Wall frame.
- Double glazed observation window 300x300 on doors for preservation chambers.
- If the chamber doesn't have another exit, the door must be ordered with an integral hinged door, or an additional hinged door must be installed.
- Pre-stressed springs aperture.

Distinguishing features

- Guides, structural supports for guides and guide covers made from AISI 304 stainless steel. **Durability and corrosion resistance.**
- Hermetic seal with AISI 304 stainless steel sealing face, bearings and screws. **Insulation guarantee.**

Ifire Ei2-60

FIRE RATED SLIDING COLD ROOM DOOR



// Application

- Fire resistant cold room door for +0°C and -20°C chambers, certified EI2-60 class B fire resistant.
- Installation in any industrial sector: agro-food, logistics, automotive, pharmaceutical...

// Advantages

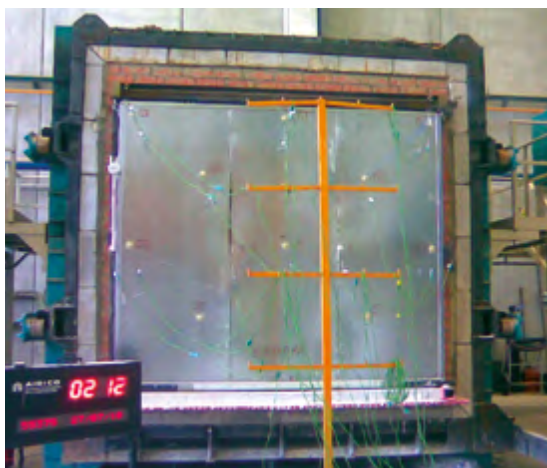
- Pre-mounted doors.
- Four-point precision adjustment.
- Available in stainless steel and anodised aluminium.
- Easy access to guide during installation / adjustment / repair.
- Low wear of mechanical elements.
- Quick, easy and intuitive installation (cost saving).
- Ease of adjustment (fast and efficient installation).
- Corrosion resistance and reliability in aggressive environments.
- Ease of maintenance.



MAXIMUM DIMENSIONS

Opening width	Max. 2500mm
Opening height	Max. 3000mm
Other specific dimensions upon request	

// Standard features



Certification testing

Leaf

- Leaf thickness dependent on working temperature: 120mm for +0°C or 130mm for -20°C.
- Stainless steel or white colour striped finish.
- Special, high-flexibility weather strips to ensure sealing at low temperature.

Sealing

- Infraca guide and sealing system, adapted for application at high temperatures.
- Manual opening and closing, equipped with automatic door closer system as standard to close the door in case of fire in response to signal from standard alarm and button systems (the latter are not included).
- Doors with drop seals have special fire retardant labyrinth system.
- Components for mounting leaf to frame specified for fire doors.

- Doors manufactured according to 1634-1 and 13521-2 classification regulations.
- EI2B fire resistance: 60min two faces and 120min 1 face.

Frame

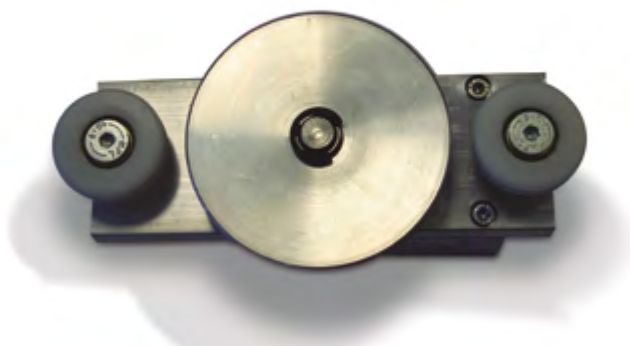
- Double structure frame, formed by joining cold room frame and "RF" frame.
- Cold room frame comprises L-section extruded aluminium with double thermal break and housing for heating element.
- "RF" frame consists of lacquered steel tube bonded to the cold room frame.



Detail image of guide and seal.

Safety

- Equipped with a special fire door closure for automatic closure in case of fire in response to signal from manual alarm button, smoke detector or alarm centre (the latter are not included).
- Spring pulley based system, does not need counterweight system.
- Normally-closed operation.
- High quality intumescent seals with expansion up to 20 times initial thickness to impede the passage of flames.



Controlled closing speed with safety system

// Optional features

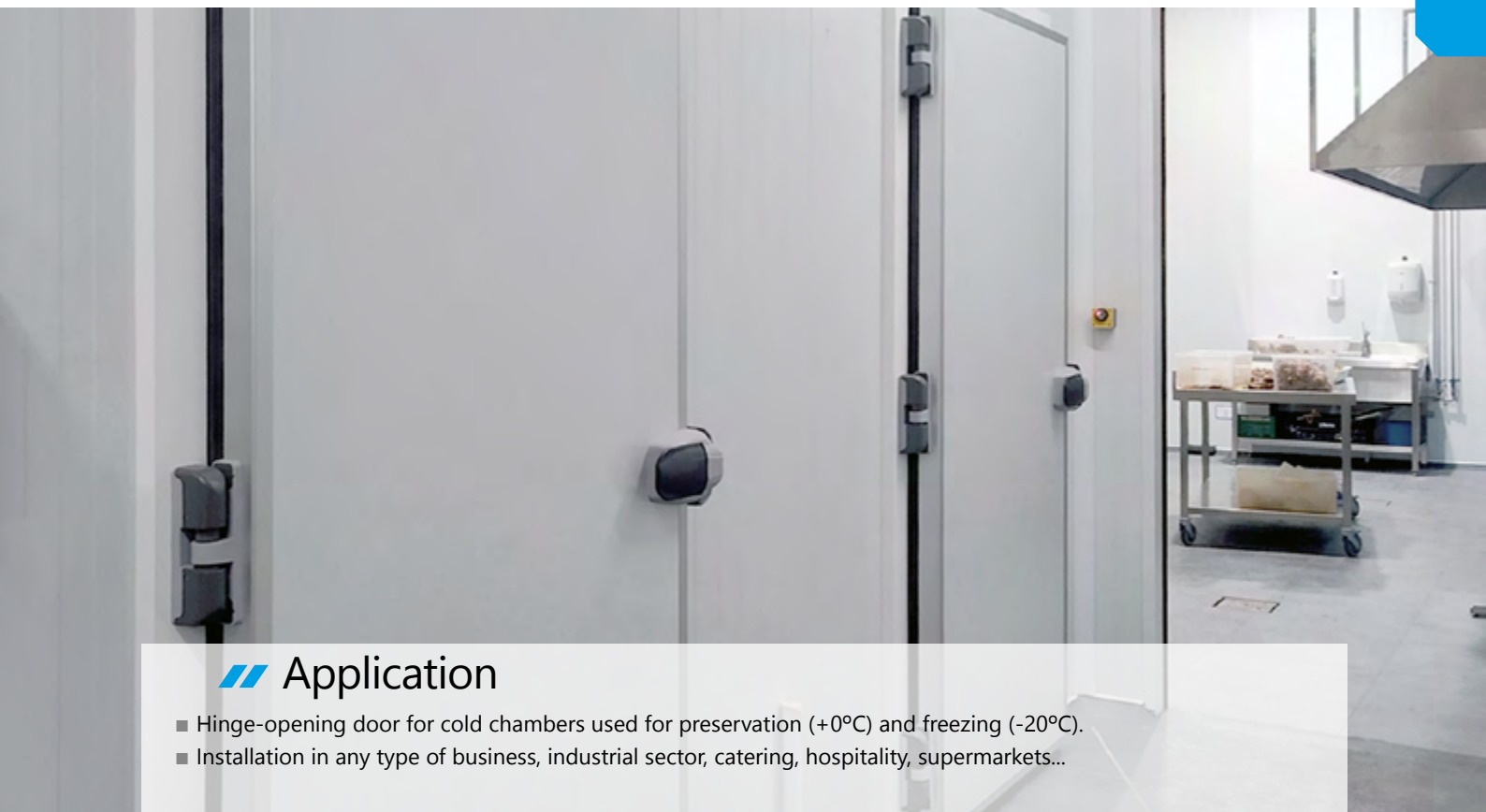
- Stainless steel finish.
- Without door closers.

// Distinguishing features

- Leaf core fabricated using gypsum board, rock wool and sheets of material with high thermal insulating power (at both low and high temperatures $\lambda=0.01 \text{ W/mK}$).

Commercial

HINGED COLD ROOM DOOR



// Application

- Hinge-opening door for cold chambers used for preservation (+0°C) and freezing (-20°C).
- Installation in any type of business, industrial sector, catering, hospitality, supermarkets...

// Advantages

- Preinstalled doors (easy and very fast installation).
- Completely customisable with a large variety of finishes.
- Very robust frame-counterframe set and door leaf.
- Coextruded EPDM seals.
- Saves time and costs.
- Flexible and adaptable to project requirements.
- Low maintenance and reliable.
- High flexibility and durability.

WORKING TEMPERATURES

Temperature	0°C	-20°C	-40°C
Leaf thickness	60mm	80mm	120mm
Heating element power	—	40W/m	50W/m

MAXIMUM DIMENSIONS

Opening width	Max. 1200mm
Opening height	Max. 2200mm
Other specific dimensions upon request	

// Standard features



Seal 5520

Frame

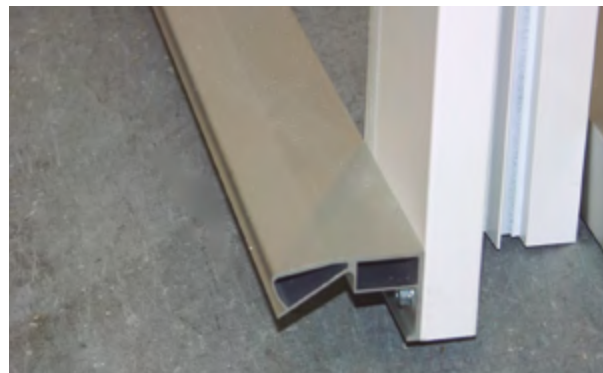
- Constructed from extruded aluminium with 20 µm anodisation treatment or lacquered in white.
- Always fitted with access for forklifts unless a low frame is specified.
- Fitted with heating elements when used in freezing chambers.
- Doors finished in stainless steel come with the frame finished in anodised aluminium.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.



Adjustable hinge with spring

Fittings

- Grey-coloured composite, aluminium single point closure, with interior opening, vertical hinges which may be raised if not for a low-frame door.



Forklift access

Leaves

- Small overlap with frame and finished with anodised aluminium side trims.
- Finished in lacquered steel (colour stripe), AISI 304 2B stainless steel, PVC finish steel (PVC), glass fibre reinforced polyester (GFRP) or other finishes upon request.

// Optional features

- **HTCP** temperature control system for **freezer doors** for energy and cost savings.
- Custom manufacture option: built-in door with low frame and lever lock.
- Key lock, or any other type of fitting upon request.
- For larger gates measuring 500x500 and similar: bright chromed fixtures, single point closure and two vertical hinges.
- Observation window 300x300 on doors for preservation chambers.
- Cutout for overhead rail.
- Wall frame.
- Anti-panic push bar.
- Stainless steel / checkerboard protection.
- Stainless steel clad frame.
- Raised forklift access.
- Electromagnetic latch.
- Spring-closing doors.



Raised forklift access



Key lock 5521

// Distinguishing features

- Patented self-supporting cold room frame with double thermal break. High degree of insulation and energy efficiency.
- Internal polyethylene reinforcements to support handles. Guaranteed for intensive and long-term use.

Lite

HINGED COLD ROOM DOOR



// Application

- Hinge-opening door for cold storage rooms used for preservation (+0°C) and freezing (-20°C).
- Installation in any type of business, industrial sector, catering, hospitality, supermarkets...

// Advantages

- Preinstalled doors (easy and very fast installation).
- Coextruded EPDM seals.
- Saves time and costs.
- Flexible and adaptable to project requirements..

WORKING TEMPERATURES

Temperature	0°C	-20°C
Leaf thickness	60mm	80mm
Heating element power	—	40W/m

MAXIMUM DIMENSIONS

Opening width	Max. 1200mm
Opening height	Max. 2200mm
Other specific dimensions upon request	

// Standard features



Seal 5521

Frame

- Constructed from extruded aluminium with 20 µm anodisation.
- For freezing chambers, they will be equipped with heating resistance
- Preset frame for front panel mounting



Hinge

Fittings

- Grey-coloured composite, aluminium single point closure, with interior opening, vertical hinges which
- may be raised if not for a low-frame door.
- Key lock

Leaves

- Small overlap with frame and finished with anodised aluminium side trims.
- Finished in lacquered steel RAL9010



// Optional features

- Raised forklift access.

// Distinguishing features

- Internal polyethylene reinforcements to support handles. Guaranteed for intensive and long-term use.



Three sided frame



Flush frame with threshold



Raised threshold

Industrial

HINGED COLD ROOM DOOR

Application

- Industrial hinged door suitable for conservation cold rooms (+0°C), freezing rooms (-20°C), and freezing tunnels (-40°C).
- Installation in the meat, fish, fruit and vegetable, dairy, and logistics industries.
- Suitable for large openings or overhead spaces, allowing the passage of handling machinery and serving as an enclosure for refrigeration equipment.

Advantages

- Preinstalled door (easy and very fast installation).
- Completely customisable with a large variety of finishes.
- Extremely robust frame-counterframe set and door leaf.
- Coextruded EPDM seals.
- High mechanical strength hinges.
- Saves time and costs.
- Flexible and adaptable to project requirements.
- Low maintenance and reliable.
- High flexibility and durability.
- Withstands intense usage.

WORKING TEMPERATURES

Temperature	0°C	-20°C	-40°C
Leaf thickness	100mm	120mm	140mm
Heating element power	—	40W/m	50W/m

MAXIMUM DIMENSIONS

Opening width	Max. 1800mm
Opening height	Max. 4000mm
Maximum total area	Max. 5m ²
Other specific dimensions upon request	

Standard features



Interior handle



I1006 closure



Hinge

Fittings

- Grey-coloured composite, aluminium three-point closure, with interior opening, vertical hinges which may be raised if for a forklift access door.

Frame

- Constructed from extruded aluminium with 20 µm anodisation treatment or lacquered in white.
- Always fitted with access for forklifts unless a low frame is specified.
- Fitted with heating elements when used in freezing chambers.
- Doors finished in stainless steel come with the frame finished in anodised aluminium.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.

Leaves

- Small overlap with frame and finished with anodised aluminium side trims.
- Finished in lacquered steel (colour stripe), AISI 304 2B stainless steel, steel-PVC (plastisol), glass fibre reinforced polyester (GFRP) or other finishes upon request.

Optional features

- **HTCP** temperature control system for **freezer doors** for energy and cost savings.
- Door specified for supermarkets with special frame, manual closure lever, and silent high mechanical strength hinges.
- Hinged double leaf option.
- Key lock.
- Cutout for overhead rail.
- Wall frame.
- Observation window 300x300 on doors for preservation chambers.
- Stainless steel / checkerboard protection.
- Key lock G-24.
- Raised forklift access.
- Spring-closing doors.
- Electromagnet.



Hinged double leaf.

Distinguishing features

- Patented self-supporting cold room frame with double thermal break. **High degree of insulation and energy efficiency.**
- Internal polyethylene reinforcements to support handles. **Guaranteed for intensive and long-term use.**

Ifire Ei2-90

FIRE RATED HINGED COLD ROOM DOOR



Application

- Fire resistant cold room door for +0°C and -20°C chambers, certified EI2-90 class B fire resistant.
- Installation in any industrial sector: agro-food, logistics, automotive, pharmaceutical...

Advantages

- Frigorific and fireproof insulation in a door.
- 90-minute fire resistance time.
- Stainless steel materials.
- Pre-assembled door.
- Quick, easy, and intuitive installation (cost-saving).
- Stainless steel structure.
- No visible screws or rivets.
- Corrosion resistance and reliability in aggressive environments.
- Ease of maintenance.



MAX. DIMENSIONS

Opening width	Máx. 1,2m
Opening height	Máx. 2,4m
Other specific dimensions upon request	

// Standard features



Hinge

Frame

- Door plate configured in stainless steel 304.
- Thermal bridge breakage.
- Intumescent triple seal.
- Hidden fixing screws on the outside part.

Hoja

- High efficiency insulation based on specific material to withstand high and low temperatures based on mineral loaded materials with high thermal shock resistance and high thermal insulation.
- single thickness 100mm.
- Stainless steel corner.
- Intumescent triple gasket.
- Infracra standard finishes.
- Highly flexible coextruded weatherstripping to ensure watertightness at low temperatures.



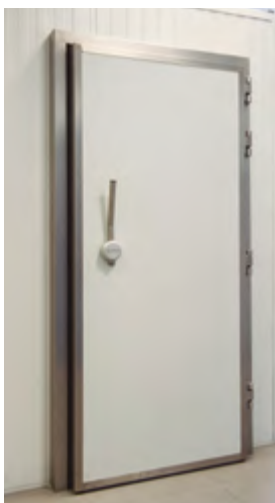
Infracra's Handle

Herrajes

- Stainless steel hinges with lifting ramp
- 3 point closure. Necessary for high doors.
- Infracra's handle with thermal break.
- 3-point stainless steel inside handle.

// Distinguishing features

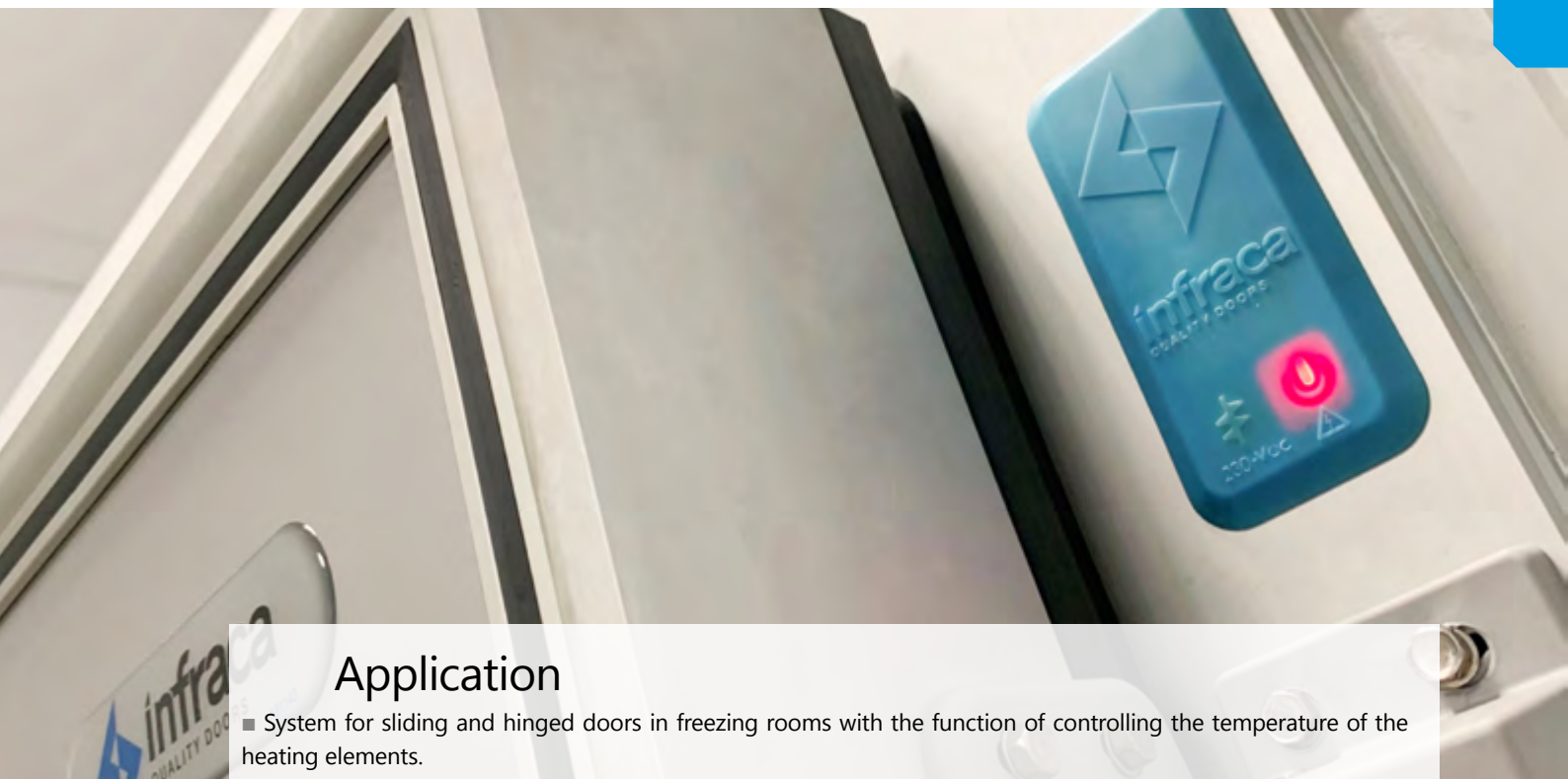
- Core leaf made with high thermal insulation power material (both at low and high temperature $\lambda=0,005$ W/mK).



- Doors manufactured according to 1634-1 and 13521-2 classification regulations.
- EI₂-90 fire resistance: 90min two faces and 120min 1 face. Grade B

HTCP

TEMPERATURE CONTROL SYSTEM



Application

- System for sliding and hinged doors in freezing rooms with the function of controlling the temperature of the heating elements.

Advantages

- Pre-assembled and integrated in the door.
- Fully adjustable initial configuration.
- Anti-fault mode.
- Resistance deactivation with freezing chamber off (frame and seal protection).
- Easy maintenance.
- Energy savings of between 30% and 50% of the energy consumed by the resistors of a refrigerator door.
- Reduces the carbon footprint of the installation.



Features

- Optimization of consumption with a temperature control system with hysteresis.
- Integrated in the door frame.
- Allows a different regulation.
- Prepared for humidity.
- If it breaks down, it switches to full power.
- Operating LEDs: - power supply connected - resistors in operation.
- Easy to close cover.

IF10VF

CONTROL PANEL



// Application

- Control panel for fast and automatic sliding doors.
- It includes a **new program specifically designed for the ideal operation of high-speed doors.**

// Advantages

- Increase of auxiliary power outlets.
- Increased protection of the frequency inverter thanks to the new 10A fuse.
- Greater stability in the communication of the encoder.
- Modular design of all connectors.
- Four 24V auxiliary outputs
- One 230V auxiliary output
- New design with quick connectors, facilitating and simplifying the work in the installation.
- Increased control stability, to more efficiently counteract voltage rises and falls.
- New, more intuitive way of displaying door cycles.

// Features



- Access to the programming with the buttons on the cover
- Automatic programming for sliding doors
- 8k2 safety edge and closed contact without an external component.
- Possibility of using a single opening device on one side of the door and an opening and closing device on the other side of the door.
- Increased output relay functions
- Pedestrian mode opening function
- Non-safety movement mode, for emergencies only
- Automatic opening every X minutes for the freezer doors
- Possibility to enter programming at any time.

Strip Curtain

FIXED / SLIDING



// Application

- Fixed strip curtain for preservation (+0°C) and freezing (-20°C) chambers.
- Frequently used in the meat and fish industries, as well as in small businesses and supermarkets.

// Advantages

-
- Ease of assembly and installation.
- Easy blade replacement.
- Simple configuration and adaptability to any space.
- Made with stainless steel support and fixing materials.
- In the case of sliding doors, the guide and mechanism are pre-installed.
- Time and cost-saving.
- Versatility and low maintenance cost.
- Total flexibility.
- Hygiene and resistance in aggressive environments.
- Quick installation.



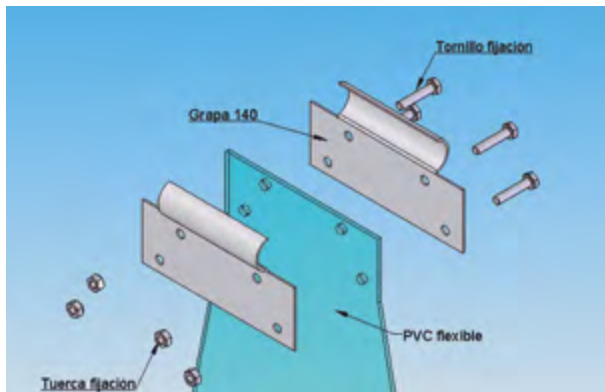
MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 6000mm
Other specific dimensions upon request	

// Standard features

Fittings

- Support tube, separators and mounting clips made from 1.5mm thickness AISI 304 2B stainless steel.
- Screws and accessories also made from stainless steel.



Schematic of assembly method for PVC curtains.

Strips

- Made from PVC rated for low-temperatures, flexible and transparent with blue tint, measuring: 200 x 3 mm for preservation chambers and 200 x 5 mm for freezing chambers.
- With overlap of 40 to 60 mm between strips, and individually replaceable.

Guide

- For sliding curtains, the guide and slide is made from 20 micron anodized aluminium with PVC bearings.



Detail of guide

// Optional features

- Standard installation: from ceiling or wall.
- White-lacquered L-section extruded aluminium frame; will be supplied with interior counter frame, also made from white-lacquered aluminium.

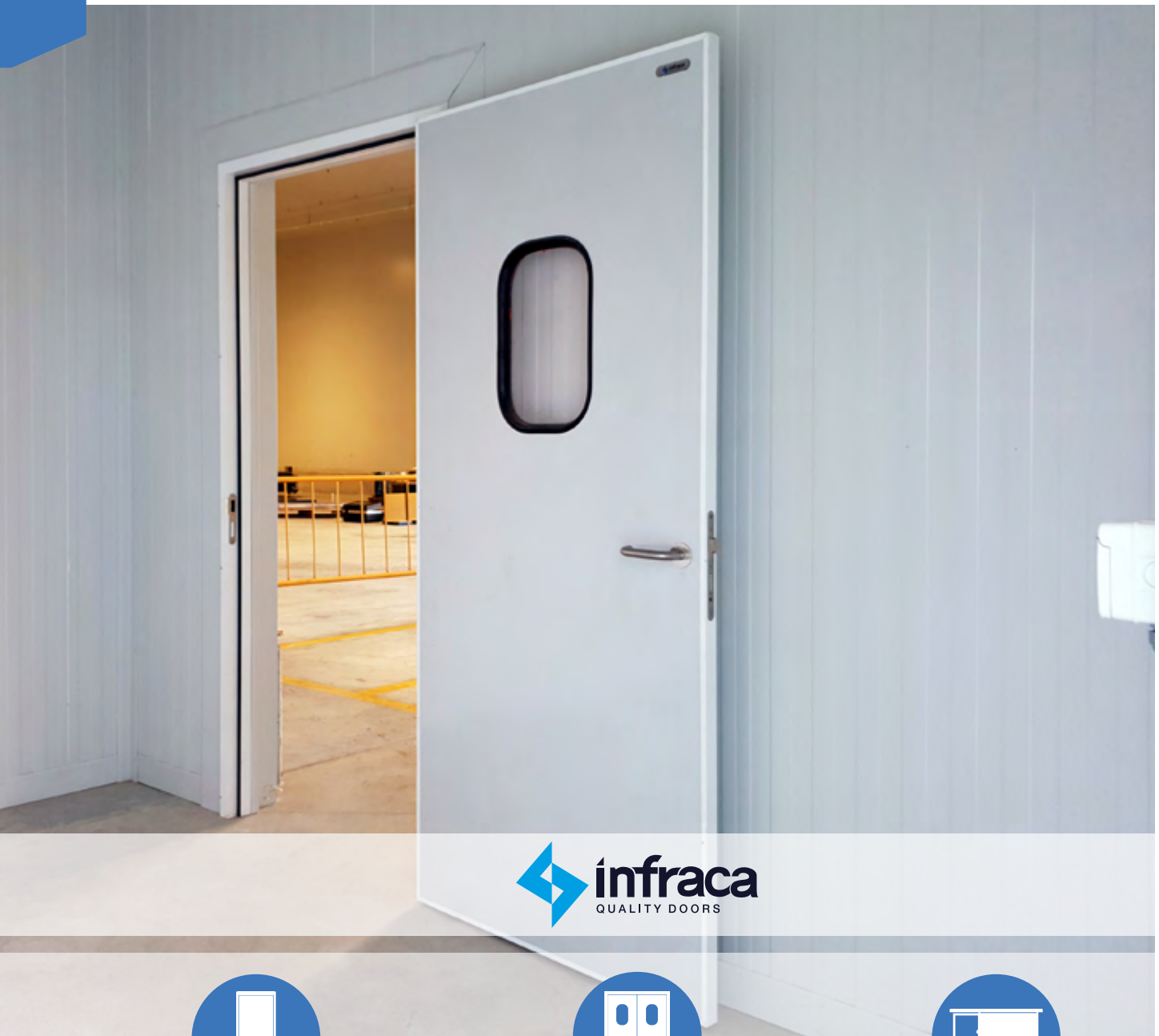
// Distinguishing features

- All supports and fittings made from stainless steel and can be individually removed.
- Long lifetime of strips due to one axis rotation of support.

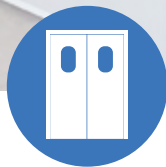


Closeup of strip for sliding curtain

Service Doors



- Service Hinged door
- Clean room Hinged door
- Fire rated hinged door



- Flip-Flap



- Sliding manual service door
- Automated sliding service door

HINGED SERVICE DOOR

// Application

- One or two leaf hinged door mainly used in corridors, offices, and to separate work or service areas. For use in areas with positive temperatures.

// Advantages

- Individually injected door, 40mm thick.
- Infrac sliding frame-counterframe system.
- Stainless steel hardware.
- Wide variety of finishes (BC, PVC, INOX, PP, etc.).
- Pre-installed doors (easy and very fast installation).
- Versatile, high-quality doors.
- Durability and reliability.
- Adaptable to panels or walls of any thickness.
- High corrosion resistance depending on finishes.
- Complete flexibility and adaptability to any project.
- Time and cost-saving in installation.
- Suitable for any industrial environment (wall or panel).
- Handle included in all doors.

MAXIMUM DIMENSIONS

1 leaf	Opening width	Max. 1200mm
	Opening height	Max. 3000mm
2 leaves	Opening width	Max. 2500mm
	Opening height	Max. 3000mm
Other custom dimensions upon request		



// Standard features



Detail of hinge and anodised frame



Stainless steel handles

Frame

- Stylized and reinforced frame, made of white lacquered aluminum for panel installation (counterframes included) or on site.
- Default frame (Optional frame embedded in the floor).
- Sliding trim system.
- Easily replaceable, removable weatherstripping with greater height for better sealing.

Leaves

- 40 mm thick compact leaf, designed with a slimline frame made of white lacquered or anodised aluminium. (if the leaf finish is grey or stainless steel) aluminium frame.
- Finished in colour stripe sheet, SS, PVC, PP and other finishes upon request.

Fittings

- Stainless steel handles with double curve.
- Highly durable stainless steel hinges.
- Flat stainless steel rosette, easy to clean and minimises horizontal surfaces.
- Lock included on all doors. Handle with keyhole and cylinder included in the "keyed" option.
- Integrated double leaf door pins of 150 or 300mm (any other size on request and consultation).

// Optional features

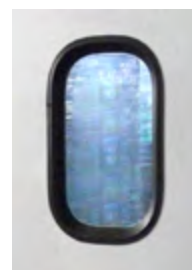
- Dual key.
- WC lock with knob.
- Key and bolt.
- Acrylic observation window.
- Anti-panic push bar.
- Lockable with the same key.
- Door closer.
- Possibility to adapt frame for building works.
- Low frame option. Anodised frame option.
- Button or code activated electrical opening system.
- Electromagnetic latch system.
- Guillotine weather strip to eliminate draughts passing underneath.
- Electric bolt lock system.
- Central control unit for locking system covering several doors.



Door closer



Anti-panic bar



Observation window

// Distinguishing features

- Aluminium frame with oval EDPM weather strip. **Tight sealing and thermally/acoustically insulating.**

Clean Room

HINGED SERVICE DOOR



// Application

- Single or double leafed door for use mainly in corridors or offices, and to separate work and service areas, especially "clean" and "dirty" areas using an "airlock" system.
- For use in areas with positive temperatures.

// Advantages

- Hygienic design according to ISO 14644-1 standard. Minimised horizontal surface area.
- Various finishes (polypropylene or phenolic resin)
- Preinstalled doors (easy and very fast installation).
- High quality multi purpose doors.
- Panel mounting and pre-installed.
- Suitable for clean rooms.
- Durability and reliability.
- Complete flexibility and adaptable to any project.
- Saves time and costs.
- Suitable for any industrial installation environment (wall or panel).
- Easy cleaning.

MAXIMUM DIMENSIONS

1 leaf	Opening width	Max. 1200mm
	Opening height	Max. 2500mm
2 leaves	Opening width	Max. 2500mm
	Opening height	Max. 2500mm
Other custom dimensions upon request		

// Standard features



Guillotine weather strip integrated into leaf



Aluminium handle

Fittings

- Stainless steel handles with double bend to avoid snagging and protective plate which prevents wear of the door, giving a more attractive finish.
- Easy attachment of handle and other accessories.
- High durability stainless steel hinges.

Leaf

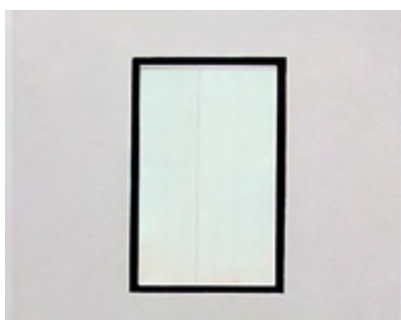
- Compact (60 mm thick), polyurethane injected ($40\text{--}45 \text{ kg/m}^3$) leaf, mounted flush with both faces of frame on white-lacquered aluminium frame. Thickness 40mm if flush with one face.
- Finished in PP and phenolic resin with guillotine weather strip integrated into door leaf.

Frame

- Low frame, made from white-lacquered aluminium, for installation in 60mm panels.
- Available with oval EPDM weather strip to provide better sealing and eliminate noise and drafts.
- Straightforward mounting system facilitates installation by clipping together frame and counter frame.

// Optional features

- Standard colour Polyester or PVC finished steel, stainless steel also available upon request.
- Dual key.
- Bolt.
- 300x500 flush observation window.
- Anti-panic push bar.
- Lockable with the same key.
- Special clean room door closer.
- Electric bolt lock system.
- Electronics kit.
- Central control unit to control several doors.



Glazed observation window



Contactless system

// Distinguishing features

- Infraca flat and flush frame-counter frame system. **Easy cleaning.**
- Guillotine weather strip integrated into leaf. **Avoids dust and insects getting in.**
- Optional contactless system. **Hygiene guarantee.**
- Can be installed pre-mounted on panel or adapted to existing openings. **Complete adaptability.**

Fire rated

HINGED SERVICE DOOR



// Application

- Hinged and folding wicket doors for interior and/or exterior use in environments where anti-fire measures and evacuation routes are required.

// Advantages

- Robust doors, tested and certified.
- Various options for visual appearance.
- Safety and security.
- Customization options.

// Features

- 60mm thick door leaf with outer metal plate finished with undercoat, lacquered or galvanised with 0.6 or 0.8 mm thickness as standard.
- "Z"-profile construction frame or wall bracket with intumescent edge seal.
- Plate can be covered in PVC with imitation wood or decorative vinyl finishes.
- Options to include anti-panic push bars, observation windows, door selectors, door closers, electromagnets, handles...



Exhibitor window

Application

- Allows observation of the activity taking place in a room and monitoring of the production process. For use in areas with positive temperatures.

Advantages

- Double thermal break frame.
- Climalit® glazing with 5/14/6 cavity.
- Rapid and very straightforward installation; the frame can be fitted to panels or walls of any thickness.
- Unbeatable mechanical and acoustic performance.
- Flexibility and cost savings.

Features

- White-lacquered aluminium frame and counter frame adapted any panel or wall thickness.
- Frame with double thermal break.
- High quality Climalit® 5/14/6 glazing.
- Options:
 - Glass-free window
 - Laminated 3+3/12/3+3 glazing.
 - 5mm methacrylate window.



MAXIMUM DIMENSIONS

Opening width	Max. 2000mm
Opening height	Max. 2000mm
Maximum total area	Max. 2m ²
Other specific dimensions upon request	



// Application

- Flip-Flap doors for use in air conditioned environments with positive temperatures, for applications in all branches of the food industry, supermarkets, hypermarkets, catering, hospitality.
- For use in high-traffic areas.

// Advantages

- Individually injected door with observation window as standard.
- Polypropylene protection kick-plate as standard.
- Infrac-designed hinges.
- Ready-designed doors.
- High resilience against impact and high safety.
- High strength and guaranteed hygienic.
- Easy adjustment and installation, long lasting.
- Rapid and easy assembly.

MAXIMUM DIMENSIONS

One Leaf

Opening width	Max. 1200mm
Opening height	Max. 3000mm
Other specific dimensions upon request	

Two Leaves

Opening width	Max. 2400mm
Opening height	Max. 3000mm

// Standard features



Standard protective bumper

Frame

- Frame and counter frame system; possibility to adapt frame to masonry wall or insulated panel of any thickness.

Leaves

- Compact 40 mm thick, finished in white color band sheet metal and white PP.
- Perimetrically formed frame with white lacquered aluminum corner piece and compact EPDM spruce weatherstripping.
- Equipped with central sight glass in PET-G (food-grade certified) and stainless steel double-action hinges.
- Including 300mm PP bumper on both sides.

Finish

- Standard color band finishing.
- Polypropylene recommended for intensive use of handling machines or installations susceptible to more shocks.

// Optional features

- Polyamide hinges with 90° retention.
- Aircraft wing fender in stainless steel.
- Fender with black bumper.
- Custom reinforced fender.
- Custom sight glass.
- Single swing door leaf.
- Rigid stainless steel swing door lock.
- Frame with hood for overhead passages.
- Stainless steel protection.



Polyamide hinge with 90° return



Bumper protector



Stainless steel swing door lock.

// Distinguishing features

- S/S INFRACA patented design swing hinge with easily adjustable closing resistance.
- Consist of an anodised aluminium body with stainless steel wings.
- Bolt fixed to any surface.

Application

- Sliding door for separating different areas and use in storage areas.
- Applications in supermarkets, hypermarkets, catering, hospitality, logistics centres...
- For use in areas with positive temperatures.

Advantages

- Guide with tread protection.
- Any dimensions, with possibility of automation.
- Wide range of available options.
- High durability and precision.
- Complete flexibility.
- Adaptable to any situation.



MAXIMUM DIMENSIONS

Opening width	Max. 3000mm
Opening height	Max. 3000mm
Maximum total area	Max. 7.5m ²

// Standard features



Guide



Inner and outer handle

Leaves

- Compact leaf with thickness 50-60mm.
- Leaf injected with polyurethane (40-45 kg/m³ density), and framed with anodized edging.
- Finished in pre-lacquered steel sheet, S/S, PVC or other finishes upon request.
- Door leaf with perimeter rubber seals.

Sealing system

- With high strength, high durability PVC bearings.
- Installed door with aesthetically appealing and hygienic finish, avoids accumulation of dirt in the guide.
- Includes inner and outer handle to aid opening and closing movements.
- Door leaf without perimeter rubber seals.

// Optional features

- Closure.
- Expositor window with aluminum frame and metraquilate sight glas.
- Frame with cut-out for overhead rails.
- Possibility of manufacturing door with two leaves depending on installation requirements.
- Frame and counter frame system to adapt to any thickness; possibility to adapt frame for building works or to aluminium panels.
- White-lacquered L-section extruded aluminium frame; for orders for panel chambers will be supplied with interior counter frame, also made from white-lacquered aluminium.
- Possibility to adapt frame for fixing to masonry.



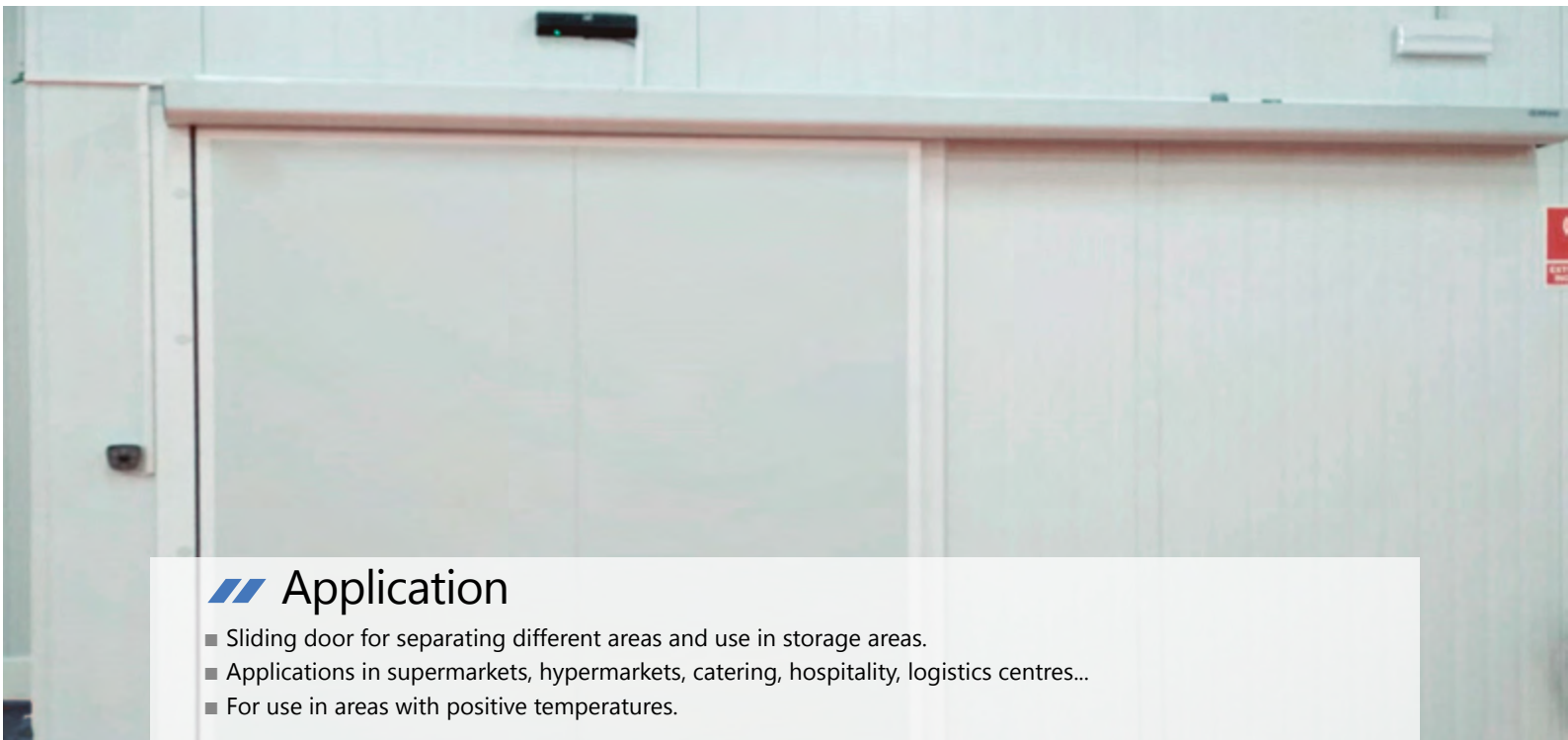
Observation window

// Distinguishing features

- Guide and slide in 20 micron anodised aluminium and finished ready for any environment. **Hygienic and clean.**
- Many customisation options. **Adaptable to any requirements.**

Auto

SLIDING SERVICE DOOR



// Application

- Sliding door for separating different areas and use in storage areas.
- Applications in supermarkets, hypermarkets, catering, hospitality, logistics centres...
- For use in areas with positive temperatures.

// Advantages

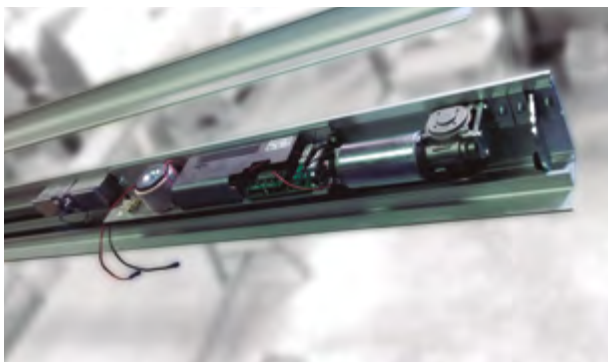
- Guide with tread protection.
- Any dimensions, with possibility of automation.
- Wide range of available options.
- High durability and precision.
- Complete flexibility.
- Adaptable to any situation.



MAXIMUM DIMENSIONS

Opening width 1 leaf	Max. 2000mm
Opening height 1 leaf	Max. 3000mm
Opening width 2 leaves	Max. 3000mm
Opening height 2 leaves	Max. 3000mm

// Standard features



Automatism

Automatism

- Alignment at 230V 50Hz.
- 24V electric motor with internal batteries.
- Variable opening and closing speed.
- Aluminium guide with cover included.
- Guide mechanism and motor hidden in the cover.

Leaves

- Compact leaf with thickness 40mm.
- Leaf injected with polyurethane (40-45 kg/m³ density), and framed with anodized edging.
- Finished in pre-lacquered steel sheet, S/S, PVC or other finishes upon request.

// Optional features

- Expositor window with aluminum frame and metraquilate sight glass.
- Frame with cut-out for overhead rails.
- Possibility of manufacturing door with two leaves depending on installation requirements.
- Configuration options: radar, magnetic loop, buttons, 1 or 2 leaves, etc.
- Frame and counter frame system to adapt to any thickness; possibility to adapt frame for building works or to aluminium panels.
- White-lacquered L-section extruded aluminium frame; for orders for panel chambers will be supplied with interior counter frame, also made from white-lacquered aluminium.
- Possibility to adapt frame for fixing to masonry.

// Distinguishing features

- Guide and slide in 20 micron anodised aluminium and finished ready for any environment. **Hygienic and clean.**
- Many customisation options. **Adaptable to any requirements.**

High speed Doors



- PRE
- PRE Lite
- GPRE



- PRX
- PRX Lite
- GPRX
- Clean room



- Chiller
- Freezer



- Fold-up

PRE

HIGH SPEED DOOR



// Application

- Doors for high traffic areas which require fast opening and closing operations.
- Installation in any industrial sector: agro-food, logistics, automotive, pharmaceutical...

// Advantages

- UNE-EN 13241-1 certification with class II wind resistance and CE mark.
- Doors are supplied pre-installed and with all screws and fastening hardware.
- Easy programming and adjustment.
- Low maintenance.
- Unique safety system.
- Time and cost savings.
- Easy and very fast installation, with front access to fixings and wiring.
- Guiding system protected by special PE profile with low friction coefficient.



MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 3500mm
Other specific dimensions upon request	

Standard features



Motor



IF10VF

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Anodized extruded aluminum lintel and guides.
- Guides with front access cover for easy manipulation to hide fixings and cables.
- Support console, fixings and screws in stainless steel.
- PVC fabric with high resistance interwoven nylon, weight 950g/m², with transparent window 1200x400mm.
- Guiding system protected by special PE profile, with low friction coefficient and better wear resistance than standard PE.

Motor

- Standard motor: 3x230 VAC+PE 0,5 hp, 160 rpm, IP54
- Door opening and closing speed: 1 m/s standard. Possibility on request to increase the speed according to the door dimensions.
- Electronic limit switches, with absolute door positioning by encoder.
- Low noise level gears.

Infracra IF10VF control unit

- Control panel designed and developed by Infracra, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside

Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Door COMPLETELY manufactured in STAINLESS STEEL (guides, lintel, console, feet and screws in stainless steel 304).
- Panel with three-phase connection 3x380/400 VAC+N+N+PE, with CEE plug 3P+N+T 16A 400V IP65, 24V, 50Hz.
- Single-phase uninterrupted power supply system
- 1200w (UPS).
- Additional or custom-made peepholes.
- Option of white lacquered profiles.
- Intermittent lighting.
- Touchless push buttons (optionally integrated in guide).
- Opening with 1-point laser motion sensor.
- IP65 motor.
- Motor with special anti-corrosion protection.
- Extra turbo speed package.

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

PRE Lite

HIGH SPEED DOOR



■ Lightweight and versatile door. The basic version of the PRE model. For accesses that do not need to be used intensively and require sufficient performance to meet the budget. Thanks to its complete extruded aluminum structure, it is the ideal model for corrosion-sensitive environments and/or where cleanliness and hygiene are required.

// Advantages

- Extruded aluminum structure
- Price and performance matched to the application
- Low maintenance reinforcement system.
- Configurable model
- Easy to assemble
- Easy programming and regulation
- Attractive hygienic design

OVERALL DIMENSIONS

Opening width	Max. 3000mm
Opening height	Max. 3500mm

MEAN SPEED

WIND RESISTANCE

1 m/s	Class I
-------	---------

Standard features



Motor



Control panel

Standard fabric colours



RAL 9010



RAL 1003



RAL 2004



RAL 3002



RAL 7038
RAL 7043



RAL 6026



RAL 5010



Ask for
others

*(approximate RAL equivalent)

Structure

- Lintel and guides in anodized extruded aluminum.
- Guides with easy-to-handle front access cover to hide fasteners and cables.
- Stainless steel support console, fixings and hardware.
- TPVC canvas with heavy duty nylon interlining, weight 950g/m², with transparent window 1200x400mm.
- Protected guidance system with special low-friction PE profile.

Motor

- Standard motor: 3x230 VAC+PE 0,5 HP, 160 rpm, IP54
- Door opening and closing speed: 1 m/s average speed standard. On request, it is possible to increase the speed depending on the door dimensions.
- Electronic limit switches, with absolute door positioning by encoder.
- Low-noise drives.

Control unit

- Control Box with three-phase connection 3x380/400 VAC+N+N+PE at 50Hz.
- Digital control of door regulation and positioning.
- IP65 protective box in ABS plastic material for positive temperature
- Display viewer in the box for greater usability when the enclosure is closed.

Safety

- IP68 photocell barrier installed as standard.
- Indoor and outdoor emergency stop button.
- Easy manual removal of the door canvas in case of emergency.

Optional features

- Anodized aluminum motor cover
- Control panel designed and developed by Infracca IF10VF, 1x230 VAC+PE at 50-60Hz, with frequency inverter with maximum output power of 0.75kW.
- Single-phase uninterrupted power supply system 1200w (UPS).
- Additional or customized peepholes.
- Flashing beacon.
- Contactless opening systems
- Opening with 1-point laser movement sensor. IP65 motor.
- Motor with special anti-corrosion protection.

Distinguishing features

- Frame designed in Infracca. Warranty, SAT and spare parts availability.
- In-house manufacture of the canvas. Maximum customisation with colours, vinyls, window numbers...

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

GPRE / PRE Jumbo

HIGH SPEED DOOR

BIG
DIMENSIONS

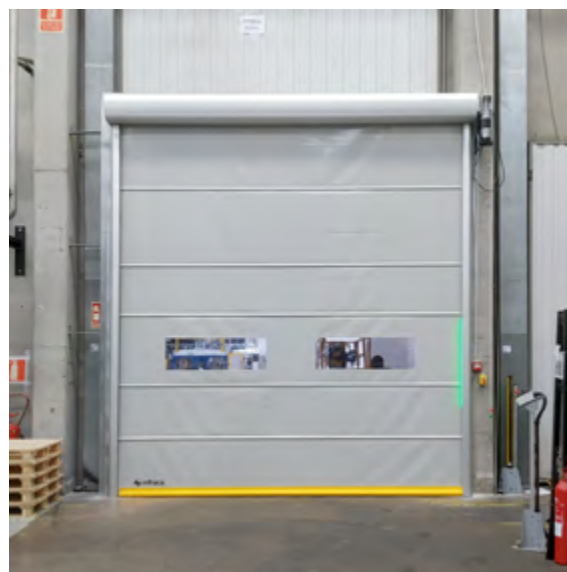


// Application

- Large doors for high traffic indoor areas with fast opening and closing maneuvers.
- Installation in any industrial sector: agri-food, logistics, automotive, pharmaceutical,...

// Advantages

- Doors are supplied pre-installed and with all screws and fastening hardware.
- Easy programming and adjustment.
- Low maintenance.
- Unique safety system.
- Time and cost savings.
- Easy and very fast installation, with front access to fixings and wiring.
- Guiding system protected by special PE profile with low friction coefficient.



MAXIMUM DIMENSIONS

Opening width	Max. 5000mm
Opening height	Max. 5000mm

// Standard features



IF10VF

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Anodized extruded aluminium lintel and guides.
- Guides with front access cover for easy manipulation to hide fixings and cables.
- Support console, fixings and screws in stainless steel.
- PVC fabric with high resistance interwoven nylon, weight 950g/m², with transparent window 1200x400mm. Number of windows according to size.
- Guiding system protected by special PE profile, with low friction coefficient and better wear resistance than standard PE.

Motor

- Standard motor: 3x230 VAC+PE, IP54
- Door opening and closing speed: 1-1.3 m/s standard (depending on model). Possibility of speed increase according to door dimensions (on request).
- Electronic limit switches, with absolute door positioning by encoder.
- Low noise level gears.
- With anodized aluminium motor cover as standard.

Infracast IF10VF control unit

- Control panel designed and developed by Infracast, 1x230 VAC+PE at 50-60Hz, with frequency inverter.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside

// Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Door COMPLETELY manufactured in STAINLESS STEEL (guides, lintel, console, feet and screws in stainless steel 304).
- Additional or custom-made peepholes.
- Option of white lacquered profiles.
- Touchless push buttons (optionally integrated in guide).
- Opening with 1-point laser motion sensor.

// Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

// Distinguishing features

- Control panel designed by Infracast. **Guarantee, Technical Support and availability of replacement parts.**
- Customer-provided fabric. **Large range of customization options including colours, vinyl designs, number of windows...**

// Application

- Door for high traffic areas which require fast opening and closing operations, with risk of collision. Application to be selected between indoors and outdoors.

// Advantages

- System of automatic reinsertion of the canvas in case of impact by a special PE with low friction coefficient.
- Class III wind resistance.
- Doors are supplied pre-installed with all hardware.
- Time and cost savings.
- Easy and very fast installation, with front access to fixings and wiring.
- Easy regulation and programming.
- Low maintenance.



MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 3500mm
Other specific dimensions upon request	

Standard features



IF10VF control unit



Motor

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Anodised aluminium lintel with brushes for sliding movement and high sealing performance, with cable housing (hidden cables with frontal access).
- Support panel, fixtures and screws in stainless steel.
- PVC fabric with high resistance interlaced nylon, weight 950g/m², with transparent window 1200x400mm.
- Guiding system protected by special PE profile, with low friction coefficient and better wear resistance than standard PE.

Motor

- Standard motor: 3x230 VAC+PE, IP54
- Door opening and closing speed: **1.5 m/s standard**. Possibility of speed increase according to door dimensions (on request).
- Electronic limit switches, with encoder for absolute positioning of door.
- Low noise gears.

Infracra IF10VF control unit

- Control panel designed and developed by Infracra, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside
- Automatic canvas reinsertion zipper system in case of impact.

Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Single phase 1200w Uninterrupted Power Supply (UPS).
- Additional or made-to-measure observation windows.
- White-lacquered frames.
- Flashing safety lights.
- Touchless push buttons (optionally integrated in guide).
- Touchless opening with 1-point laser motion sensor.
- IP65 motor.
- Motor with special anti-corrosion protection.
- Extra turbo speed package.

Activation options



■ radar



■ pull cord



■ induction loop



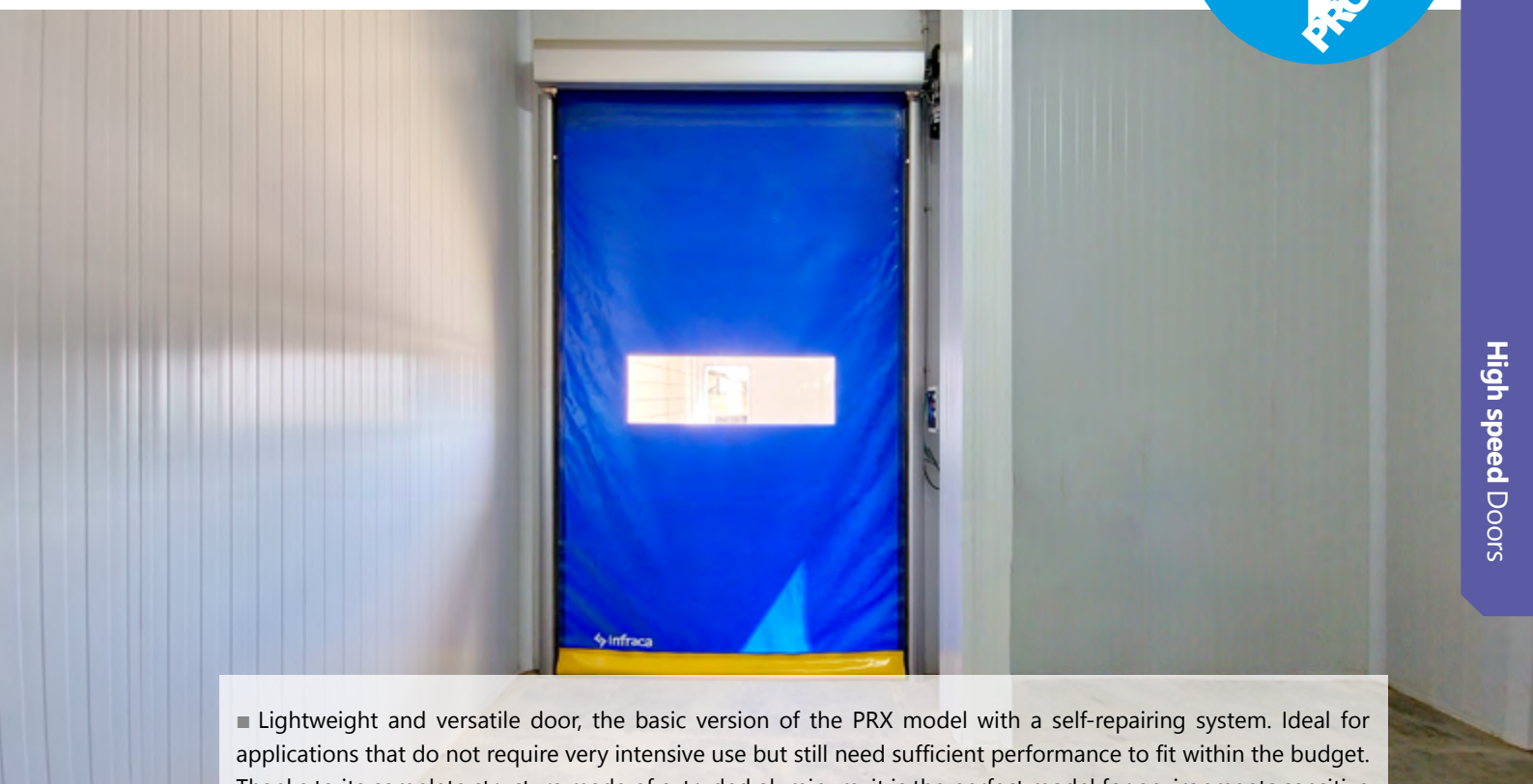
■ remote control

Distinguishing features

- Control panel designed by Infracra. **Guarantee, Technical Support and availability of replacement parts.**
- Customer-provided fabric. **Large range of customization options including colours, vinyl designs, number of windows...**

PRX Lite

SELF-REPAIR HIGH-SPEED DOOR



■ Lightweight and versatile door, the basic version of the PRX model with a self-repairing system. Ideal for applications that do not require very intensive use but still need sufficient performance to fit within the budget. Thanks to its complete structure made of extruded aluminum, it is the perfect model for environments sensitive to corrosion and/or where cleanliness and hygiene are essential.

// Advantages

- Extruded aluminium structure
- Price and performance adjusted to the application
- Self-repairing system
- Configurable model
- Easy assembly
- Easy setting and adjustment
- Hygienic and attractive design

MAXIMUM DIMENSIONS

Opening width	Máx. 3000mm
Opening height	Máx. 3500mm

AVERAGE SPEED

1,4 m/s

WIND RESISTANCE

Class II

Standard features



Motor



IF10VF control unit

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Anodized extruded aluminium lintel and guides with fixings and cable housing (hidden cables) with front access.
- Stainless steel support console, fixings and hardware.
- PVC canvas with high resistance interwoven nylon, weight 950g/m2, with transparent window 1200x400mm.
- Guiding system protected by special PE profile, with low friction coefficient and better wear resistance than standard PE.

Motor

- Standard motor: 3x230 VAC+PE 0,5 hp, 160 rpm, IP54
- Door opening and closing speed: 1.4m/s standard average speed. Possibility on request to increase the speed according to the door dimensions.
- Electronic limit switches, with absolute door positioning by encoder.
- Low-noise gears.

Infracra IF10VF control unit

- Control panel designed and developed by Infracra, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Indoor and outdoor emergency stop button.
- Easy manual removal of the door canvas in case of emergency.

Optional features

- Anodised aluminium motor cover
- IP67 beacon LEDs
- Single-phase uninterrupted power supply system 1200w (UPS).
- Additional or customised peepholes.
- Flashing beacon.
- Contactless opening systems
- Opening with 1-point laser movement sensor.
- IP65 motor.
- Motor with special anti-corrosion protection.

Distinguishing features

- Frame designed in Infracra. Warranty, SAT and spare parts availability.
- In-house manufacture of the canvas. Maximum customisation with colours, vinyls, window numbers...

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

GPRX / PRX Jumbo

SELF-REPAIR HIGH-SPEED DOOR

BIG
DIMENSIONS

// Application

- Door for high traffic areas which require fast opening and closing operations, with risk of collision.

// Advantages

- System of automatic reinsertion of the canvas in case of impact by a special PE with low friction coefficient.
- Class II wind resistance.
- Doors are supplied pre-installed with all hardware.
-
- Time and cost savings.
- Easy and very fast installation, with front access to fixings and wiring.
- Easy regulation and programming.
- Low maintenance.



IP67 LEDs integrated in guide (optional)

MAXIMUM DIMENSIONS

Opening width	Max. 5000mm
Opening height	Max. 4500mm
Other specific dimensions upon request	

Standard features



IF10VF control unit

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Anodised aluminium lintel and guides with fixings and cable housing (concealed cables) for front access.
- Support panel, fixtures and screws in stainless steel.
- PVC fabric with high resistance interlaced nylon, weight 950g/m², with transparent window 1200x400mm.
- Zip guiding system with low friction coefficient and better wear resistance.
- Without floor fixings.

Motor

- STANDARD MOTOR: 3x230 VAC+PE 0,5 HP, 160 rpm, IP54.
- Door opening and closing speed: 1.4 / 1.7 m/s. (Depending on model). Possibility of speed increase according to door dimensions (on request).
- Electronic limit switches, with encoder for absolute positioning of door.
- Low noise gears.

Infrac IF10VF control unit

- Control panel designed and developed by Infrac, 1x230 VAC+PE at 50-60 Hz with frequency converter.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside
- Automatic canvas reinsertion zipper system in case of impact.

Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Single phase 1200w Uninterrupted Power Supply (UPS).
- Additional or made-to-measure observation windows.
- White-lacquered frames.
- Flashing safety lights.
- Touchless push buttons (optionally integrated in guide).
- Touchless opening with 1-point laser motion sensor.

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

Distinguishing features

- Control panel designed by Infrac. **Guarantee, Technical Support and availability of replacement parts.**
- Customer-provided fabric. **Large range of customization options including colours, vinyl designs, number of windows...**

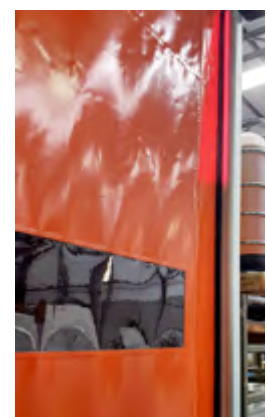


Application

- Door for high traffic areas which require fast opening and closing operations, with risk of collision. Application to be selected between indoors and outdoors.

Advantages

- System of automatic reinsertion of the canvas in case of impact.
- Class III wind resistance.
- Made of stainless steel.
- Doors are supplied pre-installed with all hardware.
- Time and cost savings.
- Easy and very fast installation, with front access to fixings and wiring.
- Easy regulation and programming.
- Low maintenance.



IP67 LEDs integrated in guide (optional)

MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 4000mm
Other specific dimensions upon request	

Standard features



IF10VF control unit



IP65 Motor

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Structure

- Stainless steel ASI 304 lintel and guide with fixings and cable housing (concealed cables) for front access.
- Support panel, fixtures and screws in stainless steel.
- PVC fabric with high resistance interlaced nylon, weight 950g/m², with transparent window 1200x400mm.
- Zip guiding system with low friction coefficient and better wear resistance.
- Without floor fixings.

Motor

- Standard motor: 1x230 VAC+PE, 05 CV, IP54
- Door opening and closing speed: 1.5 m/s standard.
- Electronic limit switches, with encoder for absolute positioning of door.
- Low noise gears.
- Stainless steel motor cover.

Infracra IF10VF control unit

- Control panel designed and developed by Infracra, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside
- Automatic canvas reinsertion system in case of impact.

Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Single phase 1200w Uninterrupted Power Supply (UPS).
- Additional or made-to-measure observation windows.
- Flashing safety lights.
- **Outdoor application kit.**
- Touchless push buttons (optionally integrated in guide).
- Touchless opening with 1-point laser motion sensor.

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

Distinguishing features

- Control panel designed by Infracra. **Guarantee, Technical Support and availability of replacement parts.**
- Customer-provided fabric. **Large range of customization options including colours, vinyl designs, number of windows...**

PRX Clean Room

SELF-REPAIR HIGH-SPEED DOOR

// Application

- Mainly used to divide working and service areas, particularly "clean" and "dirty" areas using an "airlock" system with high traffic and/or where fast opening and closing operations are required.

// Advantages

- Hygienic design according to EN ISO 14644-1 standard.
- UNE-EN 13241-1 certification with class 3 wind resistance.
- Concealed attachment to ground.
- Doors are supplied pre-installed and with all screws and fastening hardware.
- Easy programming and low maintenance.
- Possibility of locking system with control unit for several doors and touchless activation options.
- Safety and security of operation.
- Saves time and costs.
- Easy and very fast installation.
- New touchless drive as standard for maximum hygiene.
- Hidden frame optimising the cleanability.
- Elements optimised for use in clean rooms.



MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 3500mm
Other specific dimensions upon request	

Standard features



without floor fixings



External pushbutton panel with touchless system

Standard fabric colours



RAL 9010 RAL 1003 RAL 2004 RAL 3002



RAL 7038 RAL 6026 RAL 5010 Ask for others
RAL 7043

*(approximate RAL equivalent)

Infracra IF10VF control unit

- Control panel designed and developed by Infracra,
- Single phase 1x230 VAC+PE connection at 50-60 Hz and frequency inverter with maximum output power 0.75 kW.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Hidden and integrated in the engine area.

Motor

- STANDARD MOTOR: 1x230 VAC+PE, 0.5 HP, IP54
- Door opening and closing speed: 1,5 m/s.
- Electronic limit switches, with encoder for absolute positioning of door.
- Low noise gears.
- Motor cover included.

Structure

- Lintel and guides made from white-lacquered extruded aluminium with fixings and cable housing (hidden cables) for front access.
- Support panel and fixtures in stainless steel.
- PVC fabric with high resistance interlaced nylon, weight 950g/m², with transparent window 1200x400mm.
- Rack and pinion guiding system, with low friction coefficient.
- Without floor mounting

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside. Touchless actuation system.

Optional features

- Flashing LED lights IP67 integrated in the guide. Several opening options: radar, handle, magnetic loop, remote control, no-touch button and one point laser movement sensor.
- Anodised structure optional.
- Single phase 1200w Uninterrupted Power Supply (UPS).
- Additional or made-to-measure observation windows.
- Door COMPLETELY manufactured in STAINLESS STEEL

(guides, lintel, console, feet and screws in stainless steel 304).

- Airlock system between several doors with programmable control unit with programmable control unit.
- Reduced lintel.
- Flashing beacon.



Flashing safety beacon



One point laser movement sensor

Distinguishing features

- Aluminium structure with optional anodising. **Hygienic and clean.**
- Attaches to floor with hidden screws. **Ease of cleaning.**

Chiller

HIGH-SPEED DOOR FOR COLD ROOMS



// Application

- Specific high-speed door for conservation cold rooms at +0°C. With self-repairing system with automatic reinsertion of the canvas in case of impact. Thicker canvas and IP65 motor.

// Advantages

- System of automatic reinsertion of the tarpaulin in case of impact by means of special PE with low friction coefficient.
- Doors are supplied pre-installed and complete with all hardware.
- Minimal cold losses when opening the cold room door.
- Energy saving. Reduces the electrical consumption of the chambers.
- Easy and very fast installation, with front access to fixings and wiring.
- Easy regulation and programming.
- Low maintenance.



MAXIMUM DIMENSIONS

Opening width	Max. 4000mm
Opening height	Max. 4500mm
Other specific dimensions upon request	

Standard features



IF10VF control unit



Indoor safety button panel adapted to low temperature (supplied as standard)

Structure

- Anodized extruded aluminum lintel and guides with fixings and cable housing (concealed cables) for front access.
- Stainless steel support console, fasteners and hardware.
- Special Infrac canvas of greater thickness, configured for a high degree of insulation. Blue color only. No window.



RAL 5010
*(RAL estimado)

- Anti-corrosive bearings.
- Guiding system protected by special PE profile, with low friction coefficient and better wear resistance than standard PE.

Motor

- Standard motor: 3x230 VAC+PE, IP54
- Door opening and closing speed: 0,8 m/s standard. Possibility of speed increase according to door dimensions (on request).
- Electronic limit switches, with encoder for absolute positioning of door.
- Low noise gears.

Infrac IF10VF control unit

- Control panel designed and developed by Infrac, 1x230 VAC+PE at 50-60 Hz with frequency converter
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside
- Automatic canvas reinsertion zipper system in case of impact.

Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover
- Single phase 1200w Uninterruptible Power Supply (UPS).
- Additional or made-to-measure observation windows.
- White-lacquered frames.
- Flashing safety lights.
- Touchless push buttons (optionally integrated in guide).
- Touchless opening with 1-point laser motion sensor.

Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

Distinguishing features

- Control panel designed by Infrac. **Guarantee, Technical Support and availability of replacement parts.**
- Customer-provided fabric. **Large range of customization options including colours, vinyl designs, number of windows...**

Freezer

HIGH-SPEED DOOR FOR COLD ROOMS



High speed Doors

// Application

- Roll-up door for chiller and freezer chambers, usually installed in combination with a sliding cold room door in cold chambers in any industrial sector: food, meat, fish, logistics services...

// Advantages

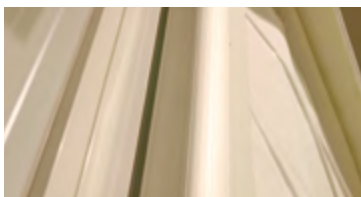
- Minimal loss of cold when opening cold room door.
- Reduces chambers' electricity use.
- No icing of essential components or of passageway.
- Suitable for freezing chambers (temperature down to -25 °C), with a maximum temperature difference of 30 °C (inside/outside) and relative humidity below 40%..
- Saves energy.
- Saves costs.
- Reliability of operation.



MAXIMUM DIMENSIONS

Opening width	Max. 3500mm
Opening height	Max. 5500mm
Other specific dimensions upon request	

Standard features



Detail of structure



Detail of motor



IF10VF



Interior safety button suitable for low temperature (provided as standard).

Structure

- Low wear anodised aluminium guides with flexible joints for improved insulation.
- White coloured metallic lintel, with dynamic lintel system which adapts to the fabric to avoid the passage of air and loss of temperature.
- Support panel and fixtures.
- Fabric without viewing window
- Heated resistance in freezer application

Motor

- STANDARD MOTOR: 3x380/400 VAC+N+PE, 0.37 kW, 90 rpm, IP65.
- Speed of door varies depending on dimensions: Max: 1.16M/s - Min: 0.41M/s
- Electronic limit switches.
- Suited for use in negative temperatures down to -25°C.

Infracra IF10VF control unit

- Control panel designed and developed by Infracra, 1x230 VAC+PE at 50-60 Hz with frequency converter and 0.75kW maximum output power.
- Digitally controlled door positioning and adjustment.
- IP56 protective case in ABS plastic for mounting in positive temperature areas.
- Protected by the use of class II hardware and reinforced insulation.
- Case includes display window for ease of use when box is closed.

Safety

- Equipped with photocell barriers for positive temperature applications.
- Doors for negative temperature use have an emitter-receiver type photocell integrated into the guide, so that condensation does not cause false positives, and a safety line with a flexible spiral wiring resistant up to -40 °C outside of the doorway to avoid possible accidents.
- Emergency stop button inside and outside (inside suitable for low temperature).

Optional features

- Door manufactured **ENTIRELY** in **STAINLESS STEEL** (guides, lintel, control panel, base and screws in 304 stainless steel).
- Several opening options: radar, handle, magnetic field and remote control.
- White-lacquer as option.
- Flashing safety lighting.
- Standard configuration



Satandard color



RAL 5010

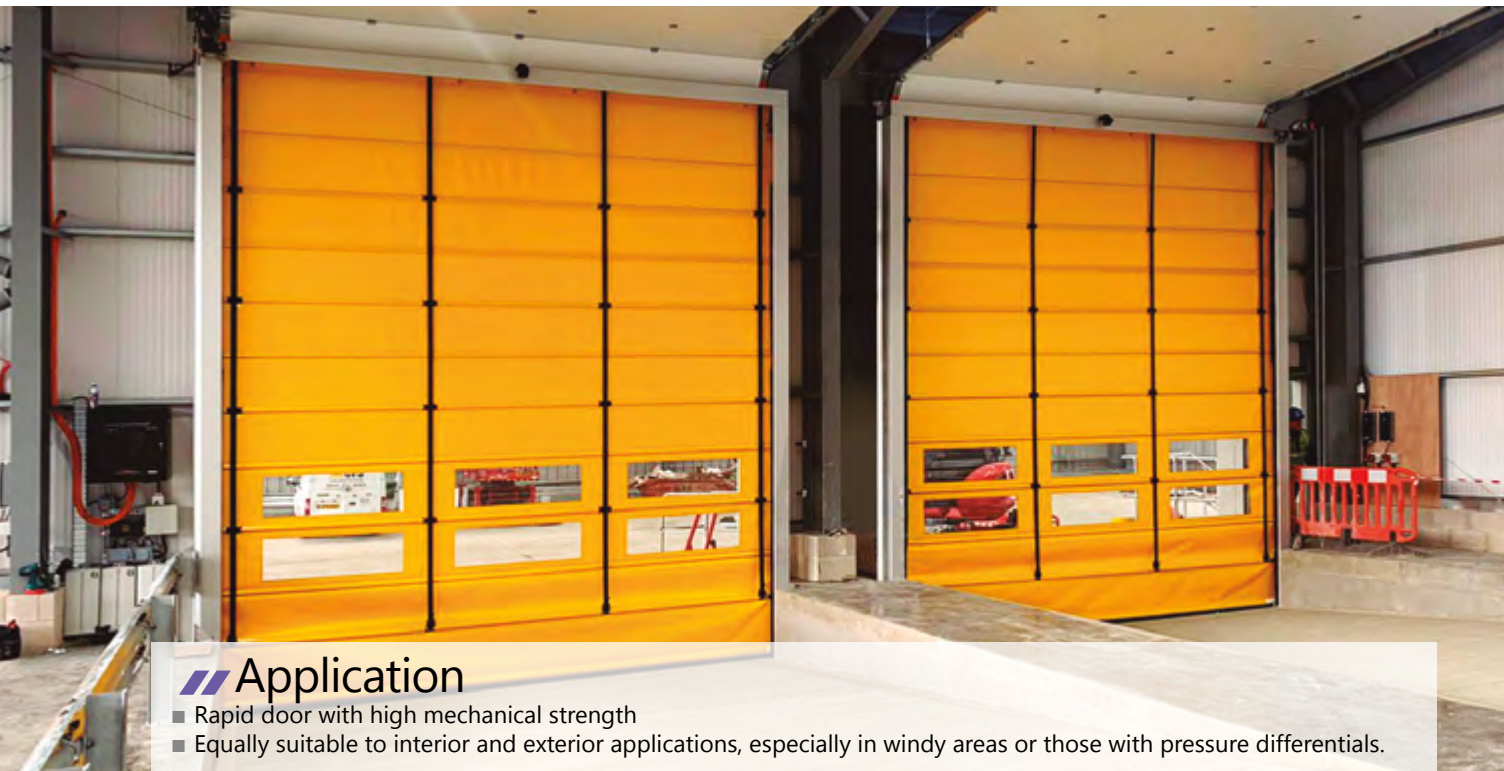
*(Estimated RAL)

Distinguishing features

- Installed with a double heating system when used in negative temperature applications, to avoid ice formation.
- Special 7mm Infracra fabric with thermal transmittance of 3.3 W/m²K for temperature resistance down to -25°C. **High insulation performance.**
- Heating elements in guides, motor and door blade. **"No Frost" system.**

Fold up

FOLD UP DOOR



// Application

- Rapid door with high mechanical strength
- Equally suitable to interior and exterior applications, especially in windy areas or those with pressure differentials.

// Advantages

- Protects against wind and climate conditions (class 3 resistance to wind).
- High speed of operation with low noise level.
- High corrosion resistance.
- Pre-mounted / pre-installed doors.
- Integrated safety systems (avoid impact damage).
- Ideal for industries with hygiene requirements.
- Facilitates traffic flow.
- Suitable for exterior use.
- Easy to mount, saving assembly time.
- Saves costs.



MAXIMUM DIMENSIONS

Opening width	Max.6500mm
Opening height	Max. 6500mm
Maximum total area	Max. 34m2
Other specific dimensions upon request	

// Standard features

Structure

- Anodised extruded aluminium guides with dust guard brushes and cable housing (hidden cables).
- Anodised extruded aluminium lintel.
- Shaft, support panel and other fixtures in stainless steel.
- PVC fabric with strong nylon lining, grammage 950 g/m², thickness 1mm, with two rows of 400 x 1200mm windows.



Motor



Attachment of straps

Motor

- STANDARD MOTOR: 3x380/400 VAC+N+PE, 0.65 kW, 90 - 115 rpm, IP54.
- Door speed: approx. 0.6 - 0.7 m/s.
- Electronic limit switches.
- Parachute braking mechanism.
- Low noise gears.
- Unlocking with handles and chain.

Control unit

- Digitally controlled door positioning and adjustment.
- Standard model equipped with 3P+N+T CEE plug, 16A, 400V, IP65.
- Control voltage 24V, 50Hz.
- Long life mechanical block contacts.
- External connection by means of a set of high quality terminals.
- IP65 protective case in ABS plastic for mounting in positive temperature areas.
- Three phase 3x380/400 VAC+N+PE connection.

Safety

- IP68 photocell barrier installed as standard.
- Emergency stop button inside and outside
- Unlocking with handles and chain.

// Optional features

- Flashing LED lights IP67 integrated in the guide.
- Motor cover: normal, IP65 or metal.
- Door manufactured **ENTIRELY** in **STAINLESS STEEL** (guides, lintel, control panel, base and screws in 304 stainless steel).
- Unlocking with handles and chain.
- Several opening options: radar, handle, magnetic field

and remote control.

- Additional viewing windows.
- White lacquered frames.
- Hidden straps (inverted fabric).
- Front motor.
- **Turbo option** - opening speed 1 m/s

// Activation options



■ radar



■ pull cord



■ induction loop

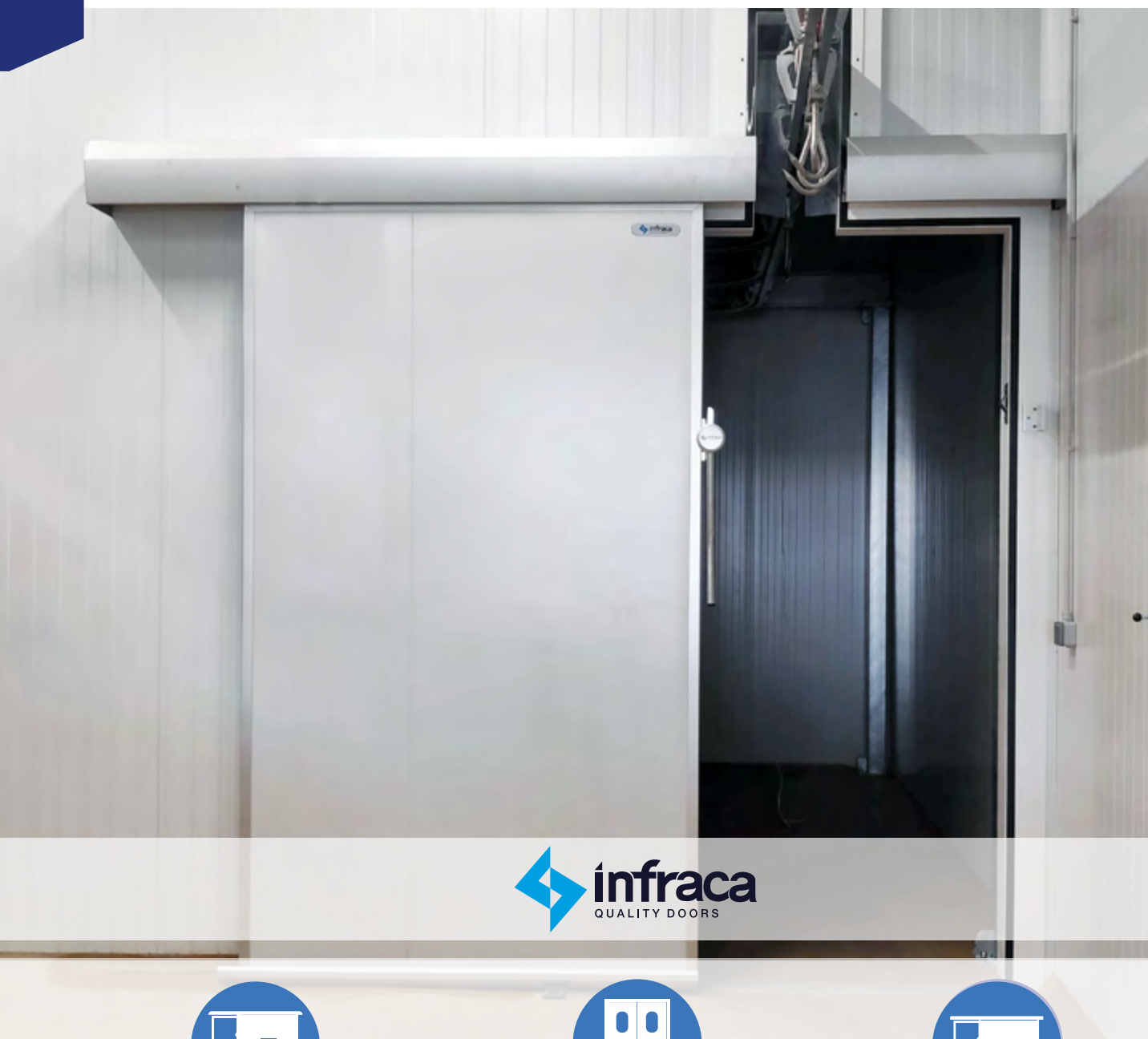


■ remote control

// Distinguishing features

- Guides and lintel made from anodised aluminium, some components in stainless steel. **Very resistant to corrosion.**
- Made to customers specification and requirements. **Large range of customization options including colours, vinyl designs, number of windows...**

Doors for specific applications



- Doors for controlled atmospheres



- Doors with overhead passage for rail systems



- Combined systems

SLIDING DOOR FOR CONTROLLED ATMOSPHERES



// Advantages

- Doors with CE mark and certified according to UNE-EN 13241-1.
- Pre-mounted doors.
- High flexible co-extruded EDPM double weather strip.
- Four-point precision adjustment.
- Made from stainless steel and anodised aluminium.
- Can be manufactured in any size / dimension.
- Fluorescent internal handle base plate.
- Easy access to guide during installation / adjustment / repair.
- Low wear of mechanical components.
- Injected frame ensures a good seal.
- Heavier 120mm leaf with heavier pressure seal against frame
- Sealed by off-centre 304 stainless steel levers, allowing adjustment of pressure.
- Pumped window with pressure handwheels.
- Reliability and safety.
- Quick, easy and intuitive installation (cost saving).
- High gas-tightness (no leaks) and insulation.
- Ease of adjustment (fast and efficient installation).
- Corrosion resistance and reliability in aggressive environments (depending on finish).
- Complete flexibility and adaptability to site requirements.
- Improved safety.
- Ease of maintenance.
- Very little maintenance.
- Very low maintenance cost compared to inflatable weather strip.
- No possibility of losses due to frame.
- Excellent fit and tightness, avoiding on-site sealing.

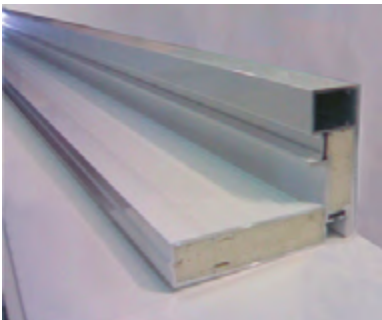
MAXIMUM DIMENSIONS

Opening width	Max. 3000mm
Opening height	Max. 4000mm
Other specific dimensions upon request	

// Standard features



Detail of off-centre handle seal.



Section of injected frame



Window

Sealing system

- Stainless steel and aluminium guide designed by INFRACA, door is sealed by a drop system which ensures perfect insulation of the chamber.
- Stainless steel handles designed by INFRACA which allow manual opening of the door with minimal effort.
- Very straightforward assembly and adjustment of the door, which constitutes an important time saving factor during installation.
- Equipped with set of 4 off-centre handles which guarantee the gas-tightness of the door.

Frame

- Extruded L-section aluminium frame with double thermal break, injected with polyurethane foam to guarantee a perfect seal.
- If the door is to be installed in a panel, counter frames of white-lacquered extruded aluminium are provided.
- If it will be installed in masonry, frames are provided with metallic claws for perfect grip.

Leaves

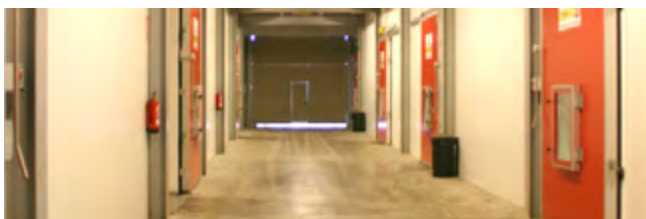
- Overlap the frame, with internal supporting frame (depending on thickness) and anodised aluminium frame.
- All joints between components are perfectly sealed
- Access window for monitoring the preservation process.

Monitoring window

- Observation window (600x800) installed in the leaf which allows the ripening process of the food to be observed, facilitating inspection and optimisation.
- Climalit® 6/20/6 glazing.
- Gas tight seal thanks to pressure handwheels.
- All joints between components are perfectly sealed.

// Optional features

- Optional anodised aluminium track covers.



// Distinguishing features

- Patented self-supporting guide system over frame. **High strength.**
- Exclusive frame and counter frame system. **Adaptable to any thickness.**
- Frame embedded in floor allowing forklift access and separate housing within door threshold for heating elements. **Ease of maintenance.**
- Fluorescent internal handle base plate. **Security.**
- Infracca window with Climalit® 6/20/6 glazing ensuring a perfect seal of all joints between components. **Insulation guarantee.**

OVERHEAD RAIL SYSTEMS



// Application

- Sliding, hinged and flip-flap doors for cold rooms at positive temperatures (+0°C)

// Advantages

- Enables working with overhead rails / tracks, minimizing energy loss.
- Option of normal cutout and "French" cutout, even in large dimensions doors.
- Significant cost savings.
- Complete flexibility and adaptability to new project and existing installation.

NORMAL CUTOUT



- Doors with cutouts are mainly used in the meat industry, abattoirs, quartering rooms, drying rooms and generally in any facility which will be equipped with a track or rail system.
- Air currents in the track area are eliminated by flexible PVC strips.

"GOOSENECK" CUTOUT



- Special type of cutout, generally used when an overhead rail with a greater height is required.
- Infraca doors can be adapted to any type of cutout.

Combined system



// Application

- Sliding cold room doors (manual or automated) installed in combination with a rapid roll-up chiller or freezer door, inside a cold room.
- Working temperature: preservation (+0°C) and freezing (-20°C).

// Advantages

- Reduces power consumption of a chamber by minimizing temperature loss when opening cold room door.
- Allows the movement of merchandise with improved agility and speed (optimizing traffic flow).
- Automated and modern storage of merchandise, representing a competitive edge over competing businesses.
- Significant energy savings.
- Time savings and fewer process steps.
- Reduces personnel costs and minimises errors and hazards.



Logistics

Sectional doors and cargo docks



■ Sectional doors

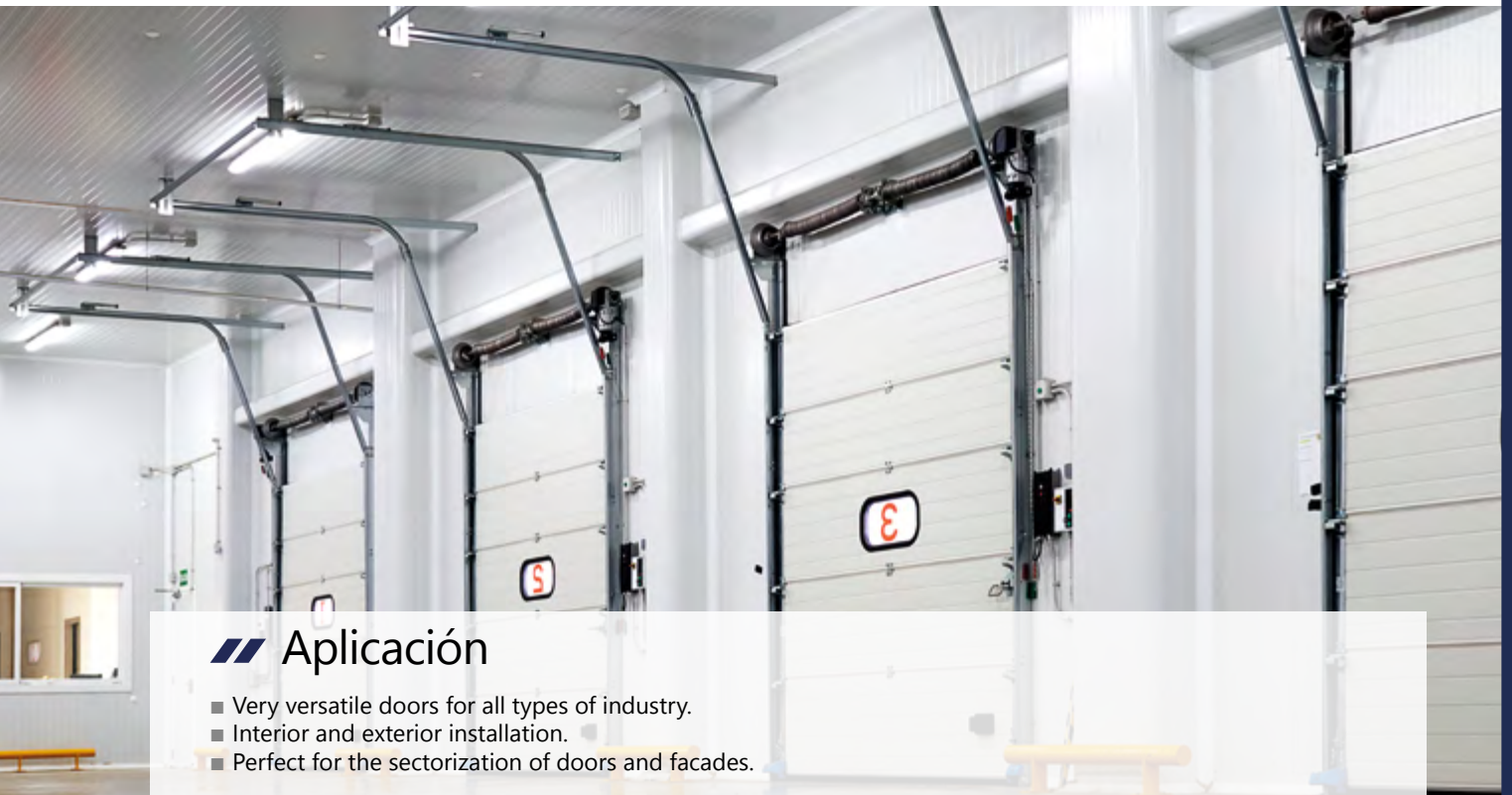


■ Dock shelter



■ Dock levellers

Sectional door



/// Aplicación

- Very versatile doors for all types of industry.
- Interior and exterior installation.
- Perfect for the sectorization of doors and facades.

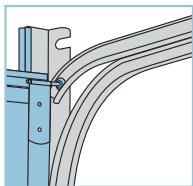
/// Advantages

- High degree of insulation
- Watertightness
- Adaptability to different types of installation (depending on the guidance system)
- Insulation and energy cost savings.
- Durability and reliability.
- Cost savings.

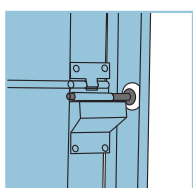
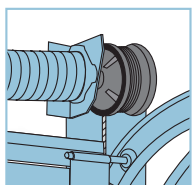


// Standard features

Guide and fittings



- Guides in galvanized steel. Horizontal guides with simple curve. Angles and guides with reinforcing brackets and solid shaft.
- Reinforcing profile on all panels and rear guide coupling profile.
- Cast aluminum pulleys with galvanized steel cable.
- Rollers with galvanized steel axle and nylon wheel with ball bearings.
- End profiles in black pre-lacquered galvanized steel sheet and black EPDM rubber. Black vulcanized PVC side rubbers.
- Panel corners in pre-lacquered steel sheet for long life and better fixing of the hardware.
- Galvanized steel bolt with solid round shaft.
- Reinforced hinges with lubrication hole and double side hinges.

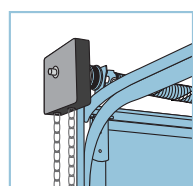
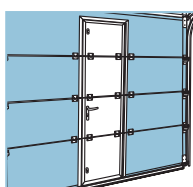


Security Control

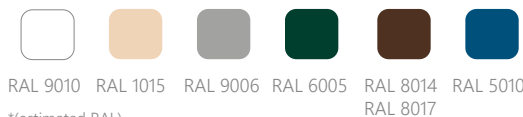
- It has electric drive and direct shaft motor with different opening speeds. Fulfilling machine directive 2006-42, low voltage directive and electromagnetic complements.
- Approved safety system of cable breakage (parachute) of galvanized steel and spring safety, complying with current regulations **UNE EN 13241 - 2004 + A2 - 2017**.

Panels

- The individual sections are composed of 42 mm panel thickness slats with a PUR foam core, CFC-free. 500-625 mm in height.
- The lower door section is equipped with a double bottom seal and the upper section with a top seal.
- Lacquered in standard RAL on the exterior side (white on the interior side)



standard colors



*(estimated RAL)

// Optional features

- Lowered springs and double "fork" support.
- Oval double-walled clear acrylic glass windows, framed in black plastic frames, measures approx. 700x300 mm.
- Rectangular double-walled clear acrylic glass windows, framed in black plastic frames, measures approx. 650x350 mm.
- Handle, diaphragm, ventilation grille.
- Wicket door insert (with top bolt, latch set and cylinder lock, optionally with panic lock).
- Wicket door with the same finish as the sectional door.
- Side pedestrian door.
- Stainless steel hinges.
- Different operating elements and additional controls.
- Other RAL colors available.
- Model with and without preframe.
- Full INOX option

// Activation options



■ radar



■ pull cord



■ induction loop



■ remote control

Dock shelter



// Application

- For use in facilities where energy saving is called for, as well as improved comfort in loading and unloading operations.

// Advantages

- Water tightness during loading and unloading.
- Adaptable to different sizes of lorry trailer.
- High visibility due to vertical reflective stripes.
- Energy savings, hygiene and continuity of the freezing chain.
- Flexibility and ease of loading and unloading operations.
- Safety during operations.



Retractable shelter



Inflatable shelter

// Standard features

RETRACTABLE SHELTER

Structure

- Surrounding structure made from 2mm galvanised tubing joined by zinc plated bars and lined with a high strength 0.8mm thick PVC fabric, which holds a set of flaps which adapt to the truck's bodywork.



Fabrics

- Fabrics manufactured from two layers of polyester with patterns designed to facilitate bending, covered in 3mm thick impact and abrasion resistant black PVC which fastens to the structure by an anodised aluminium frame.
- Side fabrics have silkscreen printed strips. The upper fabric has a welded reinforcement to prevent tearing during use and enhance durability.



INFLATABLE SHELTER

- Constructed with a 40mm panel structure, a control box, and a 220V single-phase electric motor that allows inflation when the truck docks at the loading bay.
- The airbag neatly folds on the sides when the dock shelter is not in use to prevent damage and facilitate maneuvering.

- Manufactured with 3mm thick PVC, highly resistant and waterproof, resulting in complete tightness on the sides, top, and bottom (with low side pockets).



Dock levellers



// Application

- It allows to keep the distance and height between the loading docks and the trucks.

// Advantages

- Simple, agile and functional construction.
- Wide range of solutions.
- Anti-fall safety valve, footrest and barrier.
- Easy to use and maintain.
- Can be adapted to all types of trucks and needs.
- Security and protection.

MAXIMUM DIMENSIONS

Length	Width	Height	Lip
2000	1800mm	600mm	400mm
	2000mm		
	2200mm		
2500	1800mm		
	2000mm		
	2200mm		
3000	1800mm		
	2000mm		
	2200mm		
Other custom dimensions upon request			

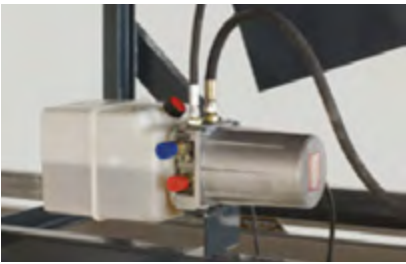
// Standard features



Reinforced self-cleaning hinges.

Safety

- Emergency stop activated by isolator or power failure.
- Anti-drop safety valve inside the hydraulic ram, designed to lock if the truck moves off unexpectedly, preventing both the dock and any objects on its surface from falling sharply.
- Fixed and moveable side skirts serve as foot guards.
- Anti-slip tread plate on upper surface of platform.
- Safety warnings in the form of stickers on moving parts.
- Safety barrier prevents locking during maintenance operations.



Hydraulic system

Platform

- Consists of an embossed upper plate 6/8 mm in thickness with a set of laminated frames and protective side skirts.
- The lip is made from 13/15 mm thick tread plate. The lip is rounded and milled at the edge to adapt to the truck position and smooth the movement of forklifts.
- The base is formed from laminated frames with the platform and hydraulic unit installed on top.
- Maximum load 8400kg static, 6000kg dynamic.



Foot guard skirts and safety stripes

Hydraulic system

- 1.0 HP electric motor.
- Hydraulic pump with pumping speed of 5 l/m.
- 7 litre tank with oil level indicator.
- Solenoid safety valve.
- Piston rod dimensions: lift cylinder Ø50 mm, lip extension cylinder Ø30mm.
- Hydraulic hoses.
- Control unit with different programs for different operations.

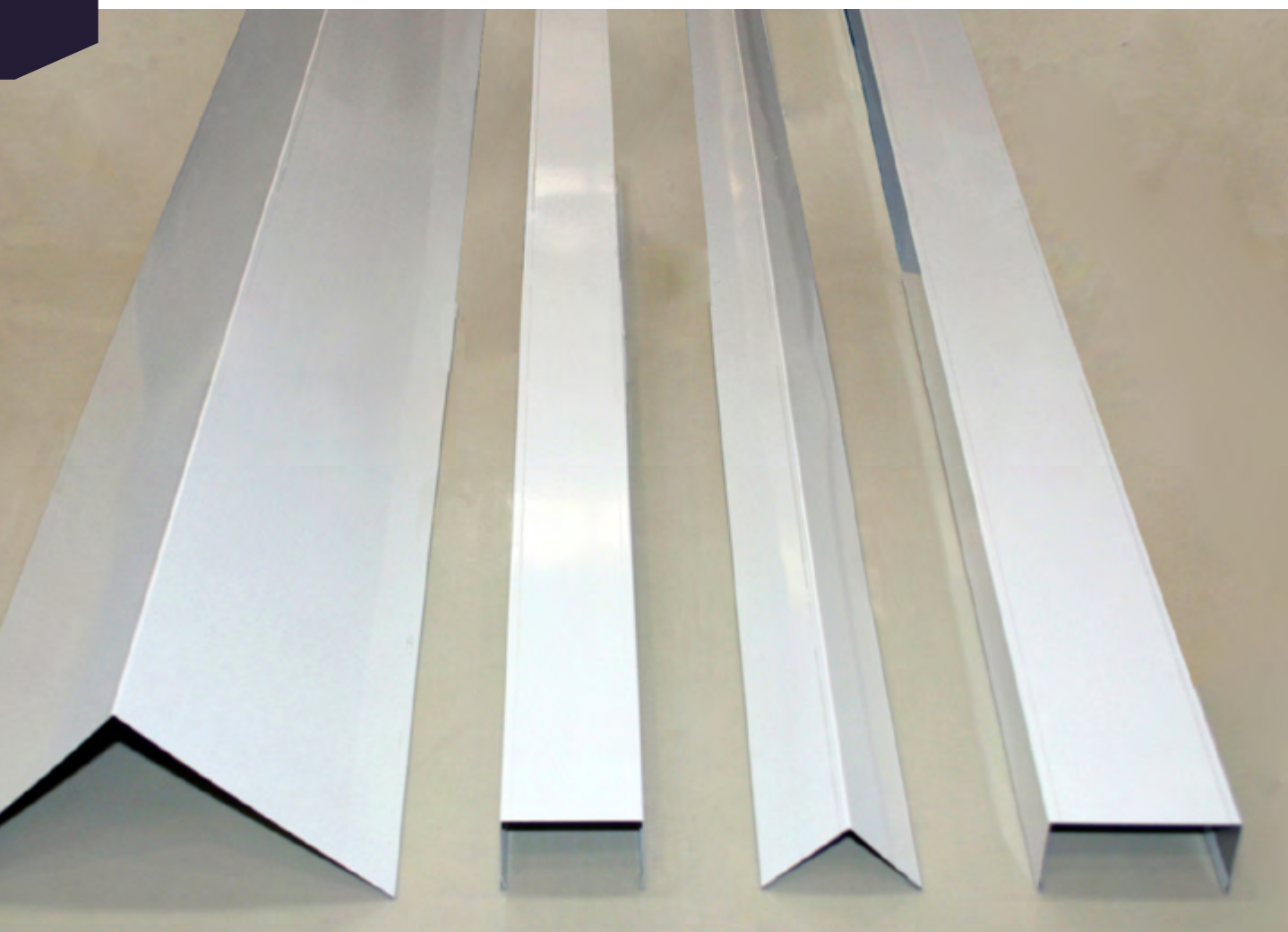
// Optional features

- Painted with polyurethane compound. High corrosion resistance. Standard colour is RAL 7016 (grey).
- Designed to be installed at the end of the loading dock in a fixed position, or to move laterally on a rail with two wheels.
- Capacity to support weight of 6000kg during loading and unloading processes. Weather resistant, anti-slip surface.
- Guide rails.
- Telescopic lip.
- Vertical folding.

// Distinguishing features

- Special dock for cold room platforms.

Accessories



- Door and panel protections



- Sanitary concave
Sanitary plinth
Cover plates



- Riveting/profiling
- Suspension profile
 - Ccover nuts
 - Pressure valve

Door and panel protectors

POLYETHYLENE PROTECTORS



// Application

- Polyethylene bollards and guard rails installed to protect doors, rails, panels or walls.
- High density food-grade material with high quality finish and UV protection.

// Advantages

- High impact resistant component.
- Easy and fast floor-mounted installation.
- Avoids any accumulation of water (important for the food industry due to the possibility of bacterial growth) by the use of o-rings, PVC tubing, neoprene bases and rounded surfaces.
- Concentric nut anchoring system. Protects floor from possible damage after impact and allows for easy resetting by replacing the rod.
- High durability.
- Cost saving.
- Easy cleaning, hygienic and ensures safety.
- High strength.

POLYPROPYLENE PROTECTORS



// Application

- Polypropylene bollards and guard rails installed to protect doors, rails, panels or walls. Filled with rubber and resin for strength.

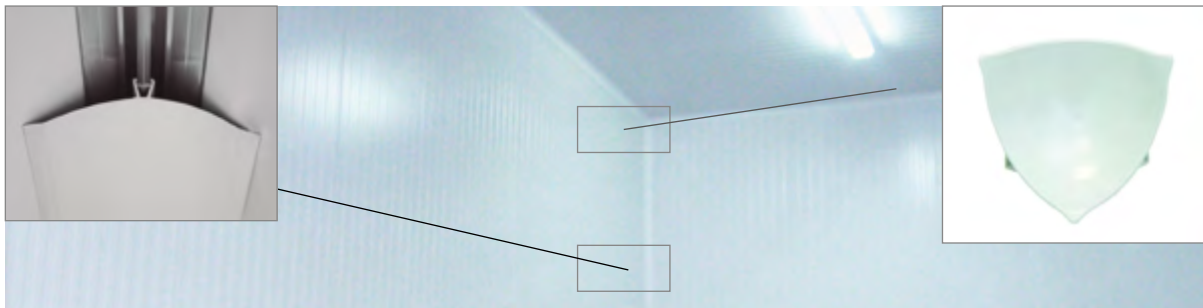
// Advantages

- Easily replaceable and do not require maintenance.
- High visibility and easy cleaning.
- Floor anchoring system using metal studs with 12mm diameter drill bit, available to any user.
- Speed of installation and cost savings.
- Hygiene and safety.

// Food certification

- Meets the established requirements for materials which will be in contact with foods, in accordance with regulations (CE) 10/2011 and (CE) 1935/2004. Approval Number 39.005215/V

Concave PVC sanitary strips



Application

- Component for covering internal joints between panels in corners between wall and ceiling, wall and floor or between two walls.

Advantages

- Eliminates right angles where dirt is prone to accumulate.
- With 30mm aluminium base to reinforce to joint between panels and 85mm white PVC frame suitable for low temperatures.
- With two long flexible blades to ensure a perfect seal between surfaces (adapting to the shape of the panel) and an extended attachment, which allows gentle installation (without having to apply force to the frame) and a perfect grip.
- Complies with requirements of sanitary and hygiene standards.
- Strength.
- Reliability.

Protective sanitary skirting



Application

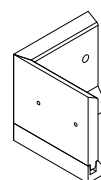
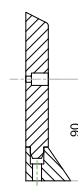
- Easily adaptable PE panel wall protector. Available dimensions: 150, 210 and 300mm in height. Ask for other dimensions.

Advantages

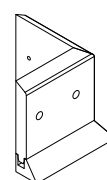
- High impact resistant material.
- Easy and fast floor, panel or wall-mounted, installation.
- Hygienic and easy to clean component.
- Wall attachment with DIN7981 4.8x25 screw or rivet and floor attachment with 8x60 long nylon plug with screw (not included).
- Linear thermal expansion coefficient: $150-230 \cdot 10^{-6} K^{-1}$.
- Patented design ©.

- Durability.
- Saves costs.

- Food hygiene.

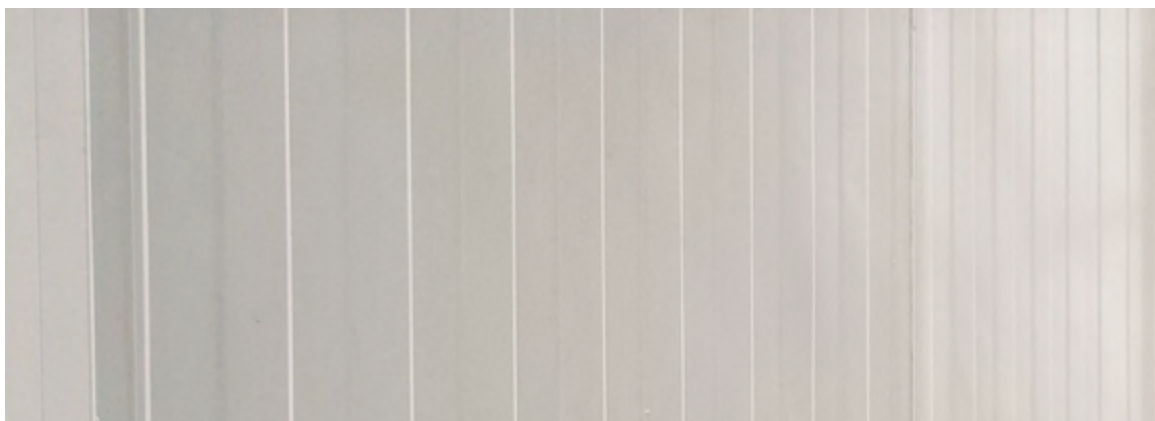


Inside corner set



Outside corner set

Cladding panels



// Application

- Rigid protective panel with different properties.
- B-s3,d0 (fire performance) rated finish.

// Advantages

- Simple to install, very easy to clean and zero maintenance.
- Does not absorb moisture, doesn't corrode or grow mould; resistant against most products.
- Very good durability and weather resistance.
- Certified food safe.
- Saves costs.
- Clean and hygienic.
- Durability and reliability.
- Hygiene guarantee

// Types

SOLID ANTI-BACTERIAL PANEL

- Solid PVC panel in 330mm and 500mm thickness.
- As-extruded white colour (without lacquer).
- Antibacterial sanitary panel.
- B-s3,d0 (fire performance) rated.
- Approval Number 39.03347/A
- Suitable for contact with food ingredients.

SOLID ANTI-SHOCK PANEL

- 333mm thick solid PVC panel.
- As-extruded white colour (without lacquer).
- B-s3,d0 (fire performance) rated.
- Rigid panel with anti-shock properties.

HONEYCOMB CEILING PANEL

- 250mm thick honeycomb PVC panel.
- Without grooves.
- Ideal for interior cladding of ceilings and walls, refurbishment, new construction installation or to cover existing ceiling.
- Type M1 fire performance classification.
- The perfect solution for ceilings and walls with hygiene requirements where the possibility of impact is practically zero.



Solid panel



Honeycomb ceiling panel

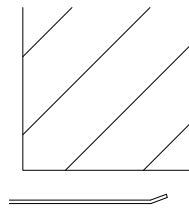
Profiles



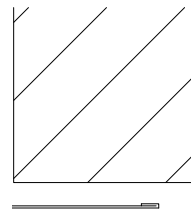
Description

- Supply of all types of angles, L, U, Z and I cross sections, used to install cold room panels and doors, at an excellent price versus quality ratio.
- Profiles in 3m length, with hemmed or unhemmed edges.
- Standard finish 0.6mm thick lacquered sheet, other finishes also available in stainless steel of different thicknesses or PVC.
- All trims come covered with a protective film to avoid them being damaged before installation.

Marcado



Chafado

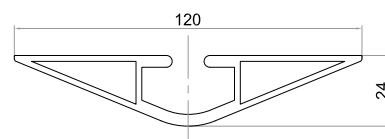


CEILING SUSPENSION BARS



Description

- Used to mount ceiling panels in any type of cold room facility, whether with positive or negative temperature. Aesthetically appealing and easy to clean .
- White lacquered aluminium section; 6m long although may be cut length to facilitate transport upon request. For M10 nut and stud bolt (the use of wide washers is recommended).
- Its principal advantage compared to PVC or GFRP sections is better rigidity and the fact that it does not have to be drilled for mounting using threaded rods.
- Easy assembly since the rod can be moved inside the section to the desired position for its attachment to the external structure.



Nut covers/ Top hats



Description

- Nut top hat cover with a rounded design, made from white PVC.
- With washer attached to the inner nut to prevent nut moving when screwing in the rod.
- Suitable for use in facilities requiring compliance with sanitary/hygienic regulations due to its easy cleaning.
- Prevents thermal bridging in cold room facilities.
- Easy assembly, mainly used for fastening panels and doors.

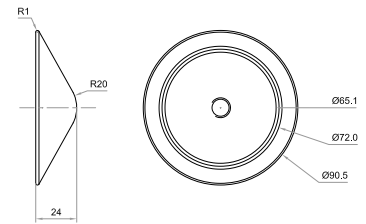
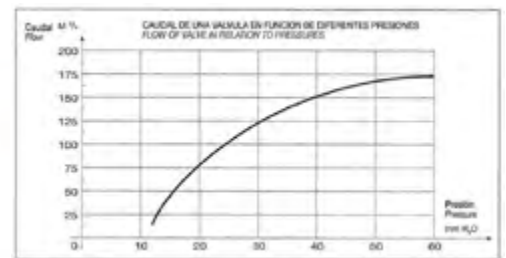
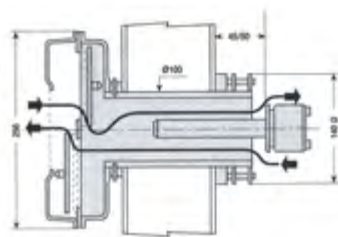


Table of sizes	
Metric thread	M6
	M8
	M10
	M12

PRESSURE EQUILIBRATION VALVE



Description

- Valve designed to equilibrate pressures inside and outside of a cold chamber by allowing air to flow between them.
- Equipped with a heating element. Functions mechanically through two moving airtight membranes: one inlet and one outlet.
- The valve is set to activate at a pressure equivalent to 10 mm of water.

Formula used:

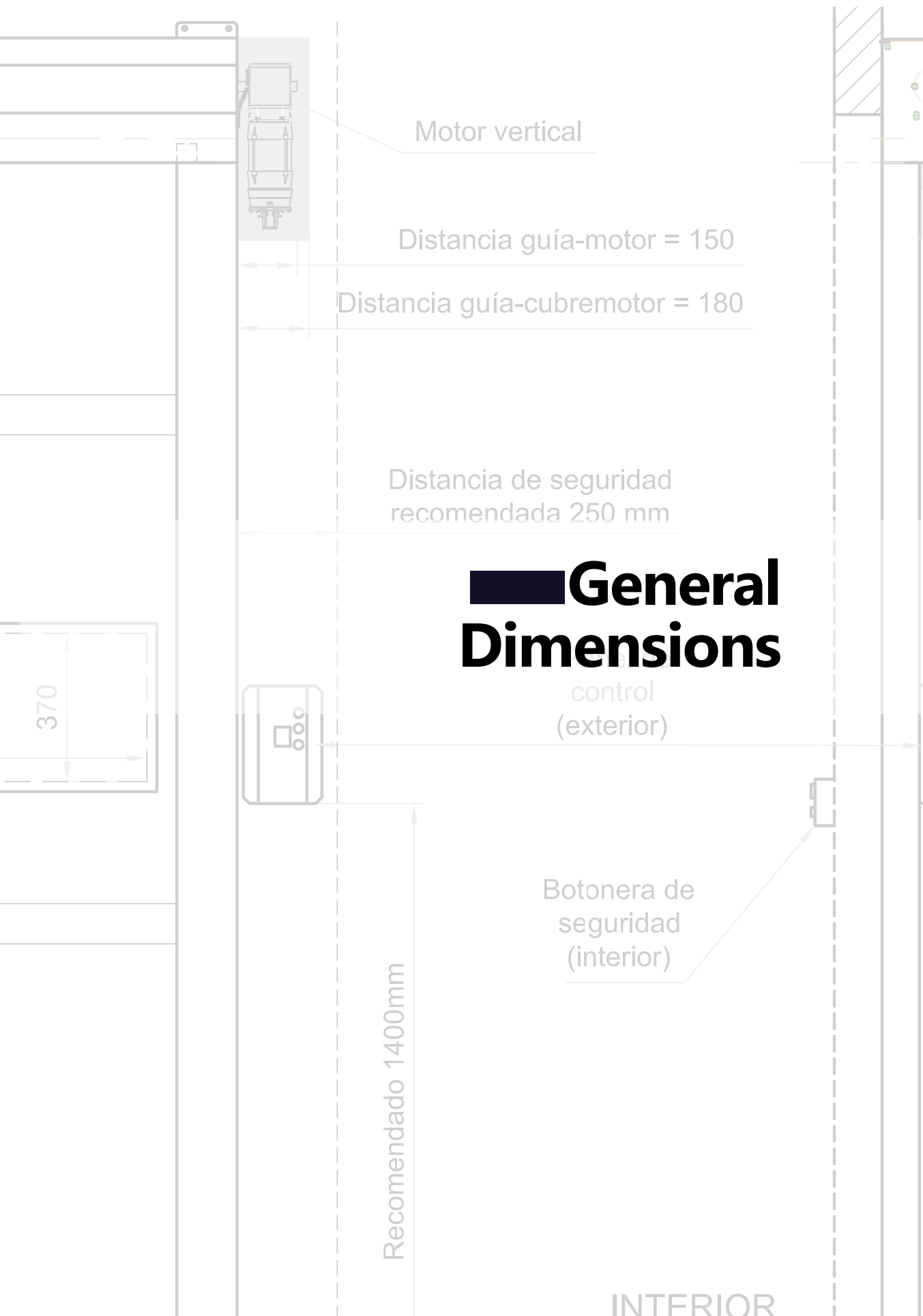
$$\text{Number of valves} = \frac{1.3 V}{T (273 + t)}$$

V = volume

T = temperature variation x minutes x °C

t = temperature inside chamber °C

273 and 1.3 = constants

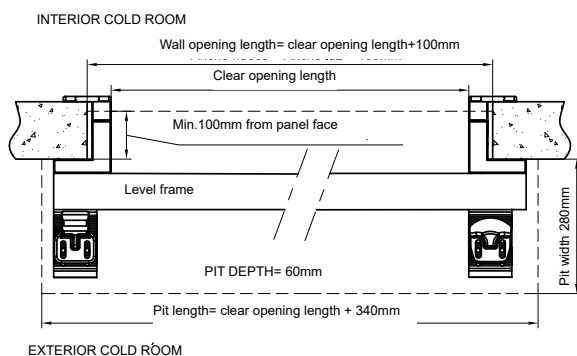


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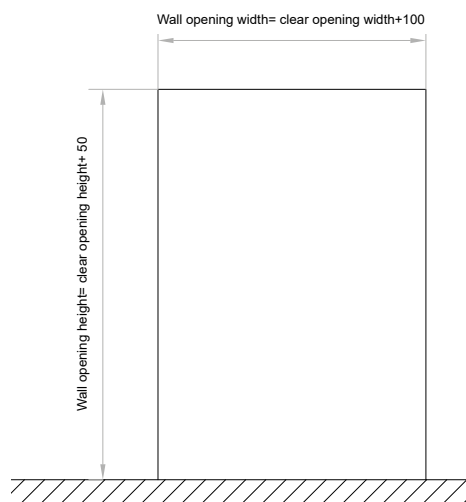
SLIDING COLD ROOM DOOR CLASSIC DESIGN



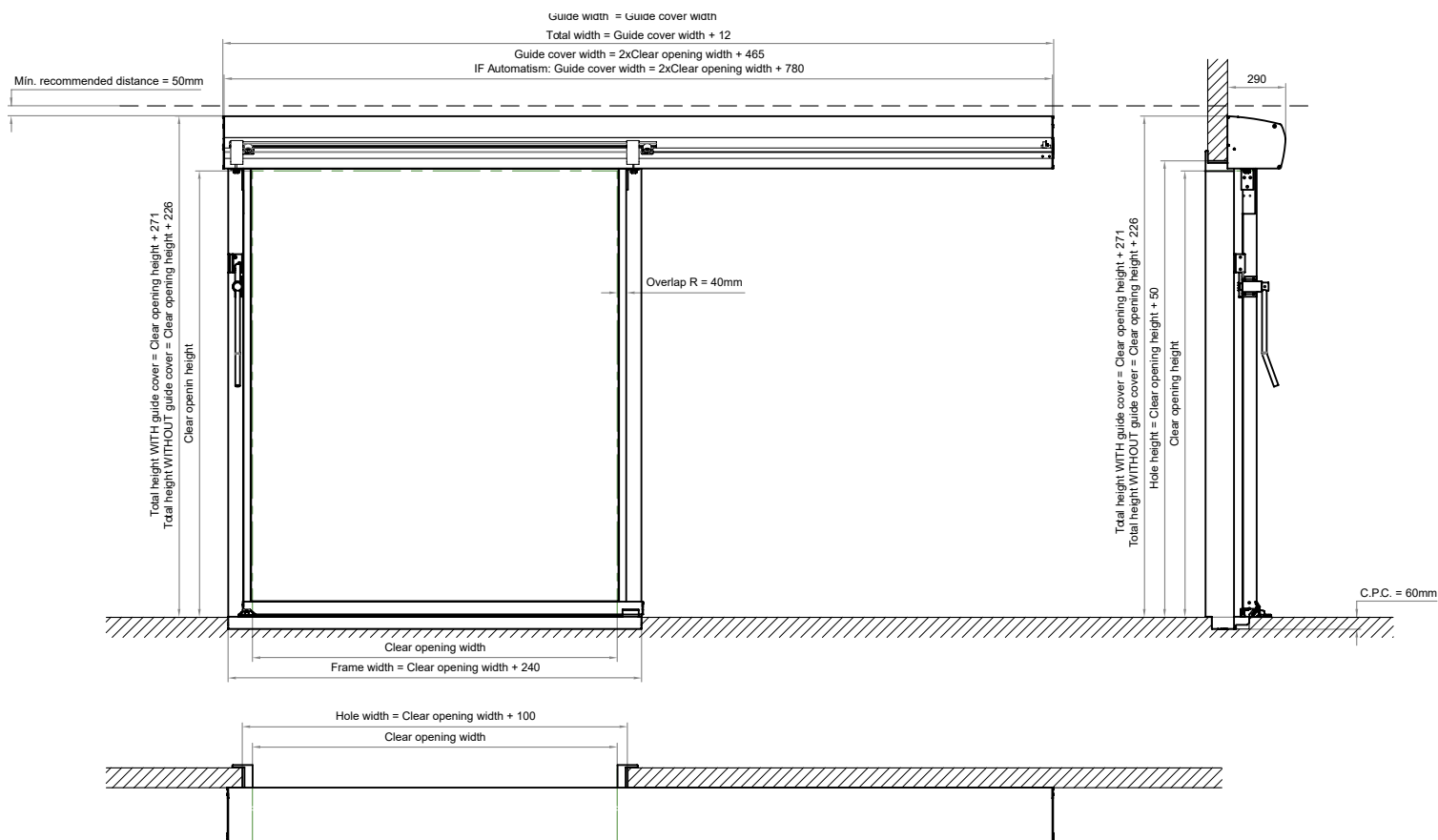
PIT DIMENSIONS



WALL OPENING DIMENSIONS



OVERALL DIMENSIONS



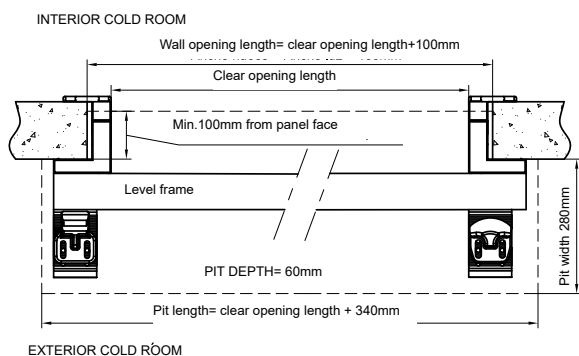
All dimensions are in millimeters

ST 002

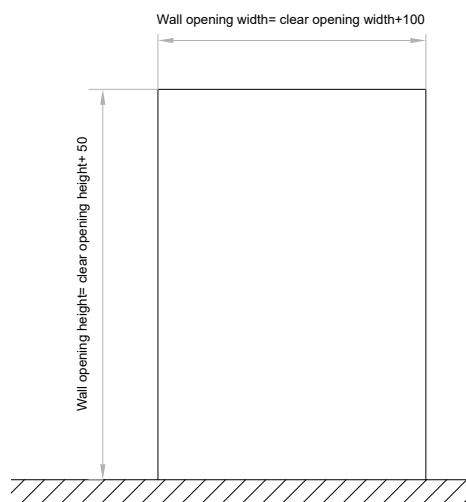
SLIDING COLD ROOM DOOR SUPERIOR DESIGN



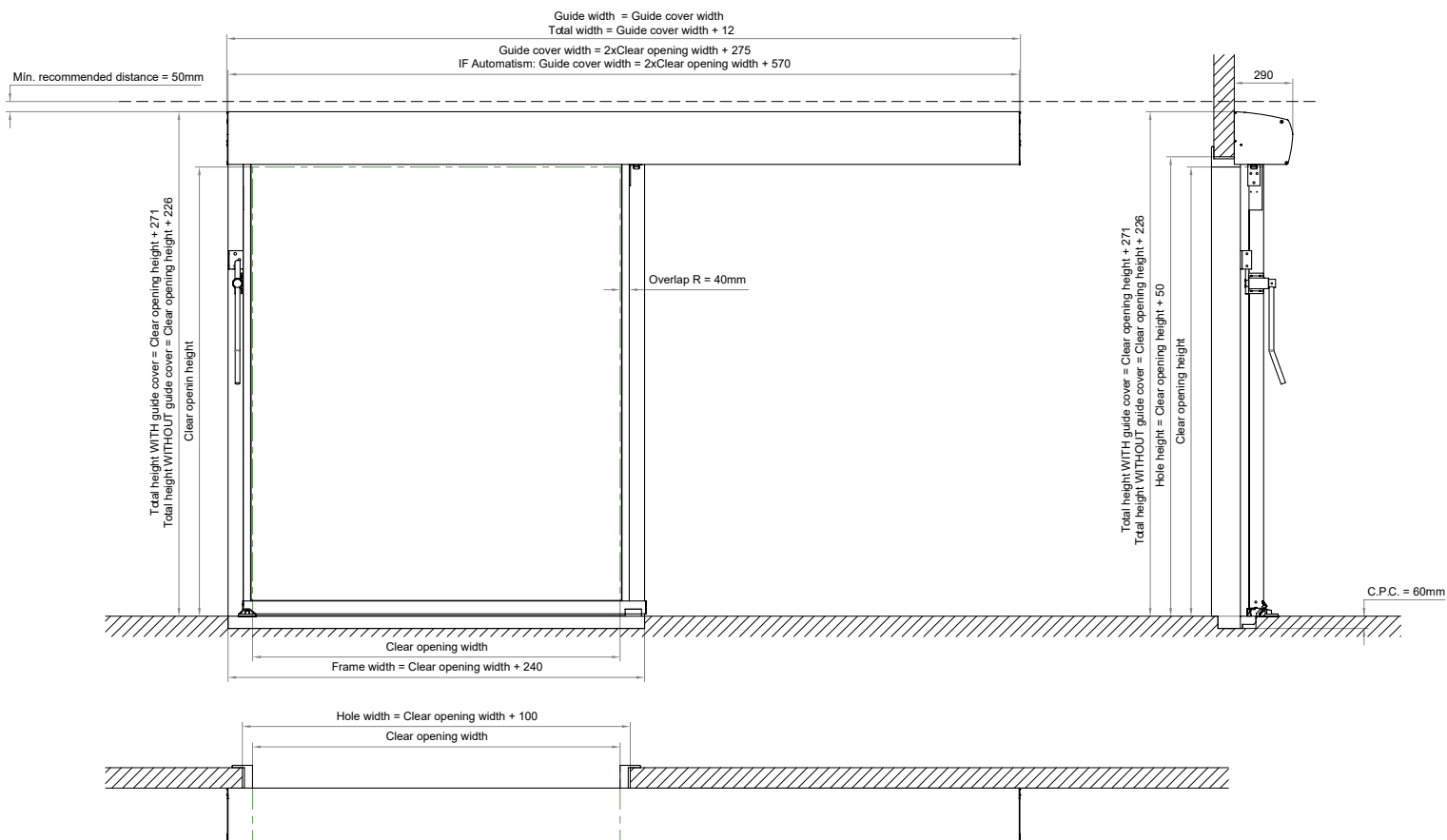
PIT DIMENSIONS



WALL OPENING DIMENSIONS



OVERALL DIMENSIONS

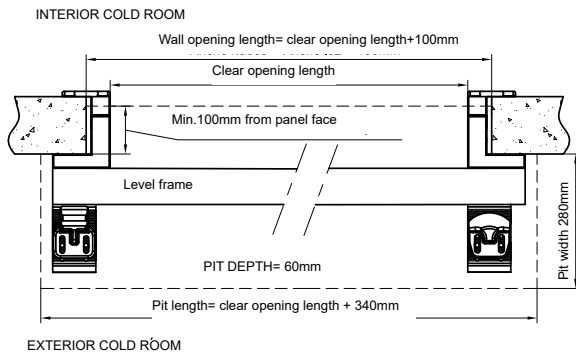


Industrial IF

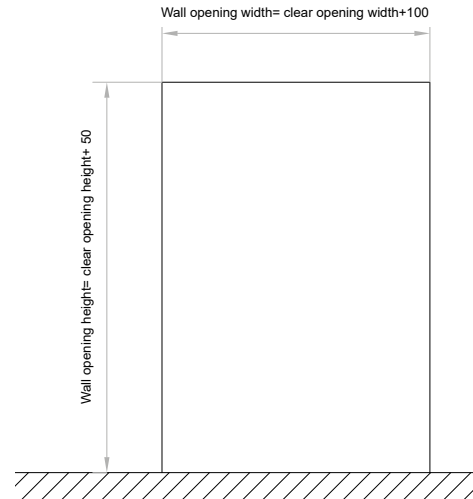
SLIDING COLD ROOM DOOR CLASSIC DESIGN



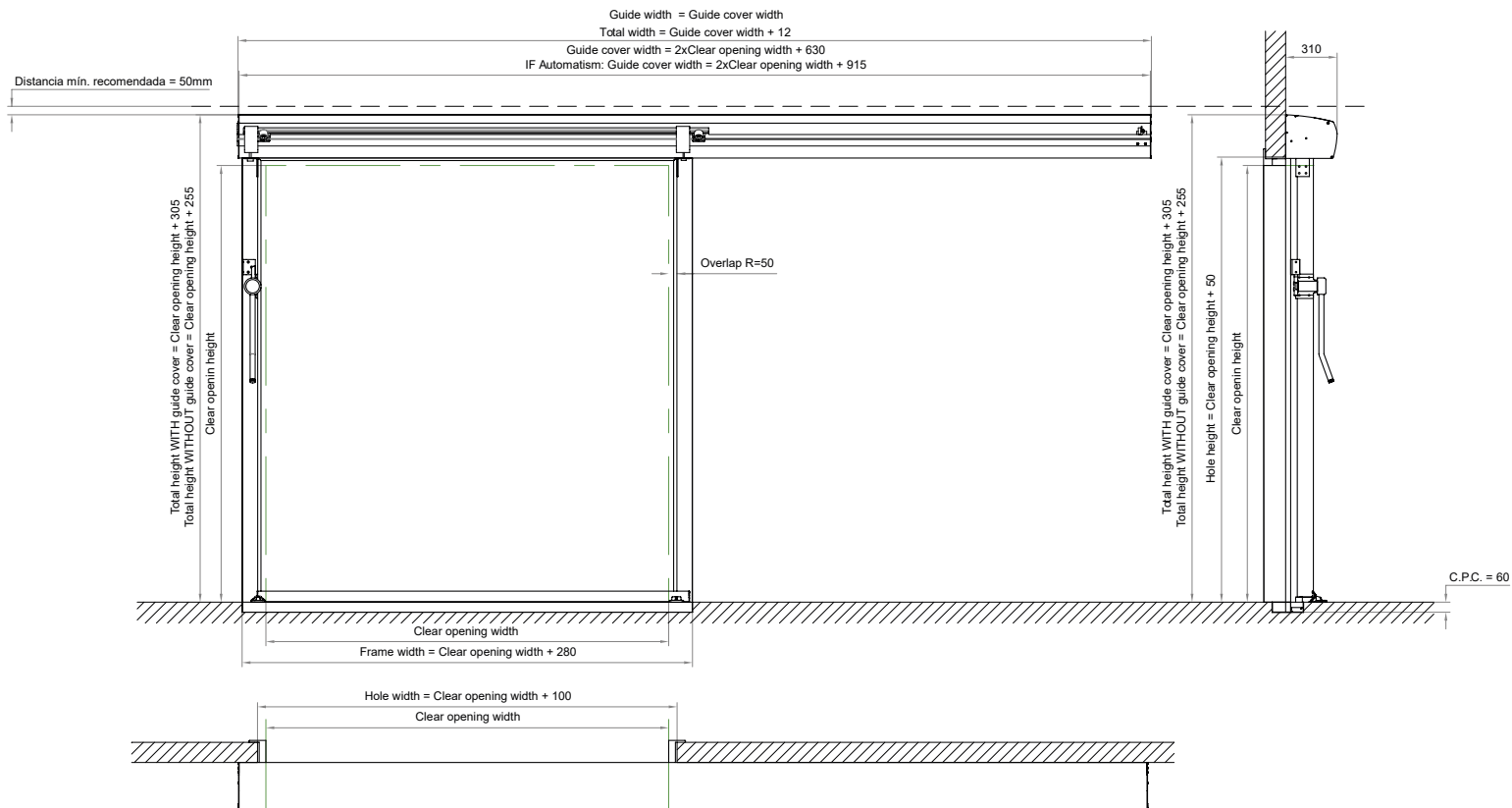
PIT DIMENSIONS



WALL OPENING DIMENSIONS



OVERALL DIMENSIONS

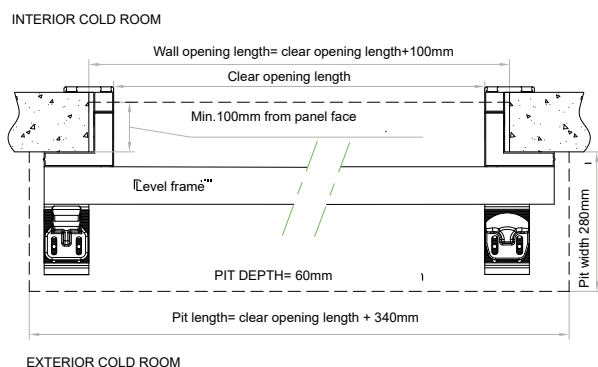


Industrial IF

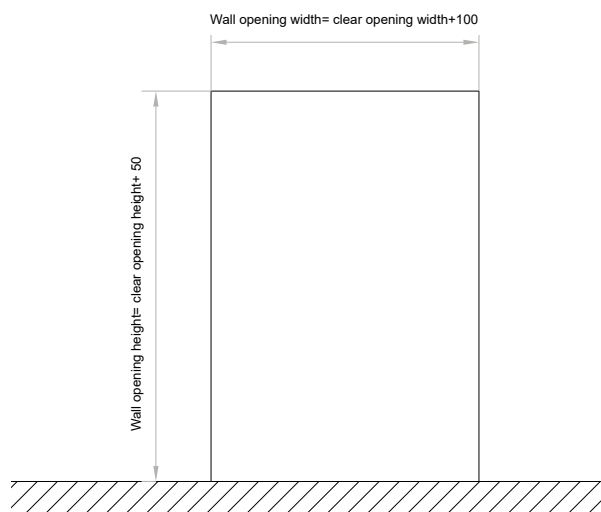
SLIDING COLD ROOM DOOR SUPERIOR DESIGN



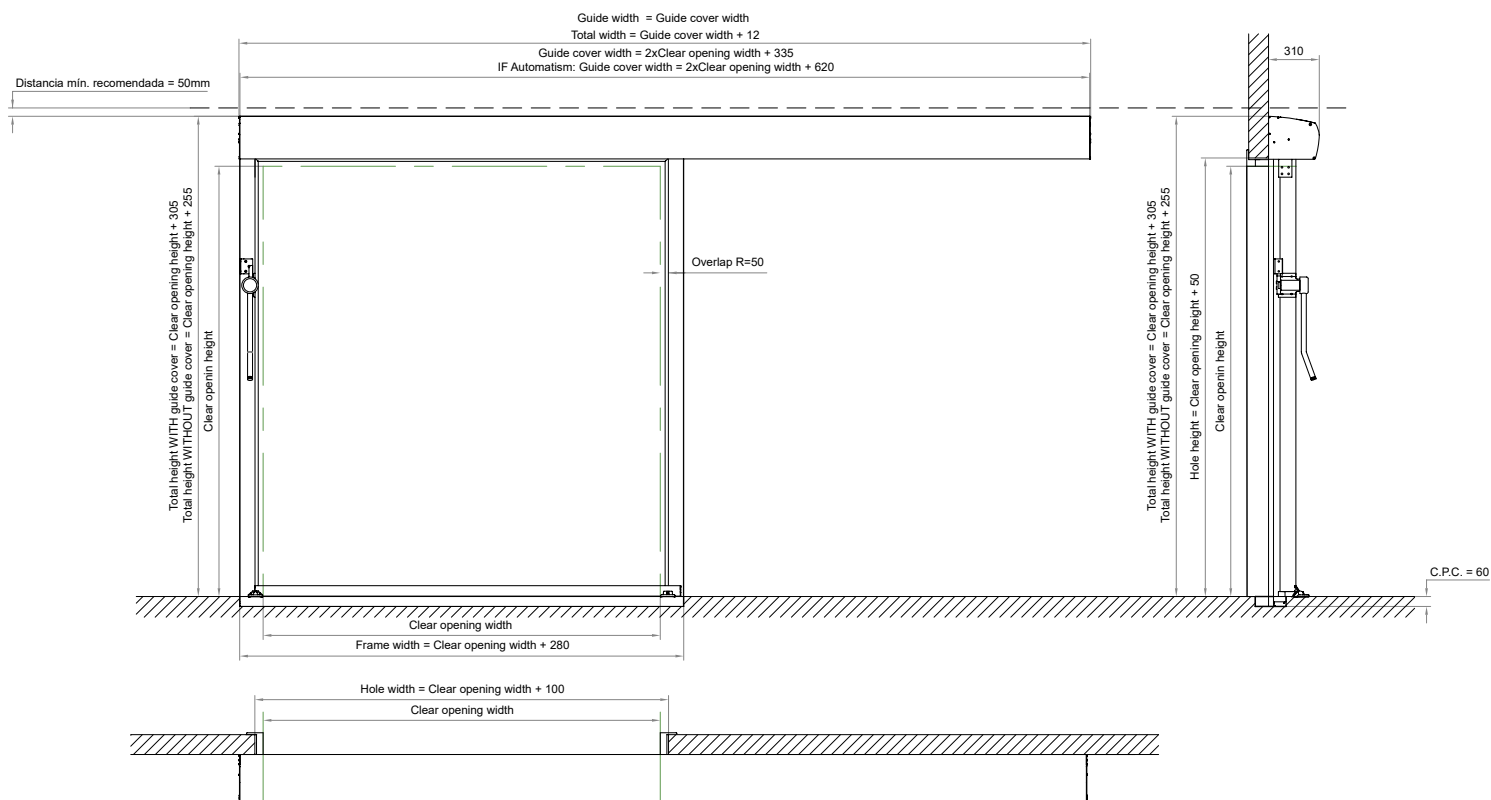
PIT DIMENSIONS



WALL OPENING DIMENSIONS



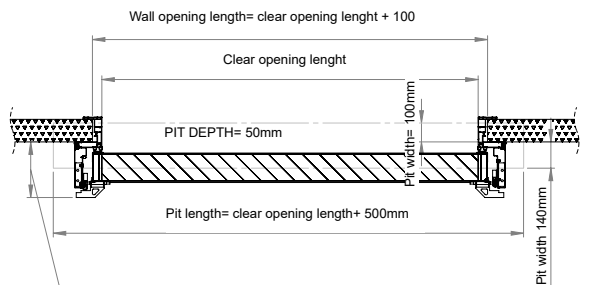
OVERALL DIMENSIONS



Vertical

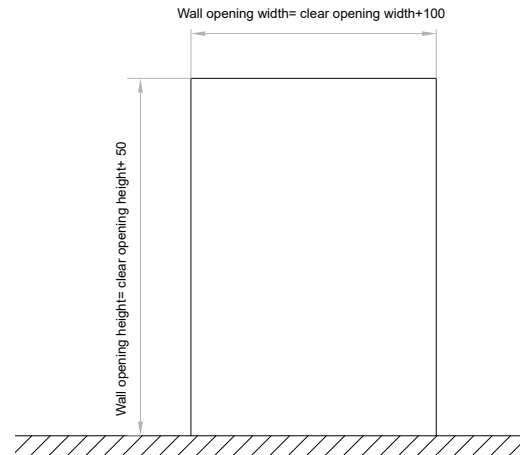
LIFT COLD ROOM DOOR

ANCHOR BOLT AND GUIDE

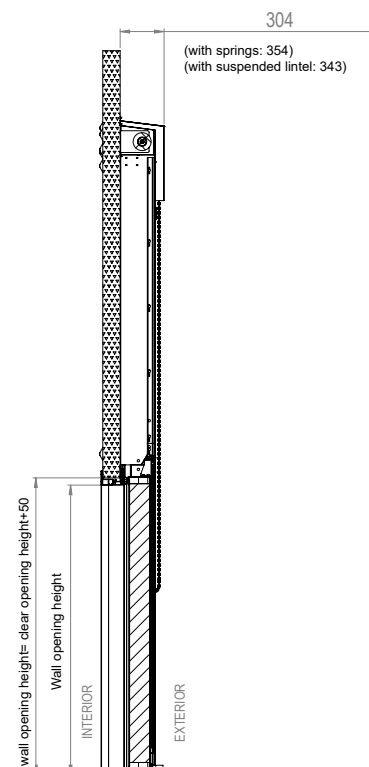
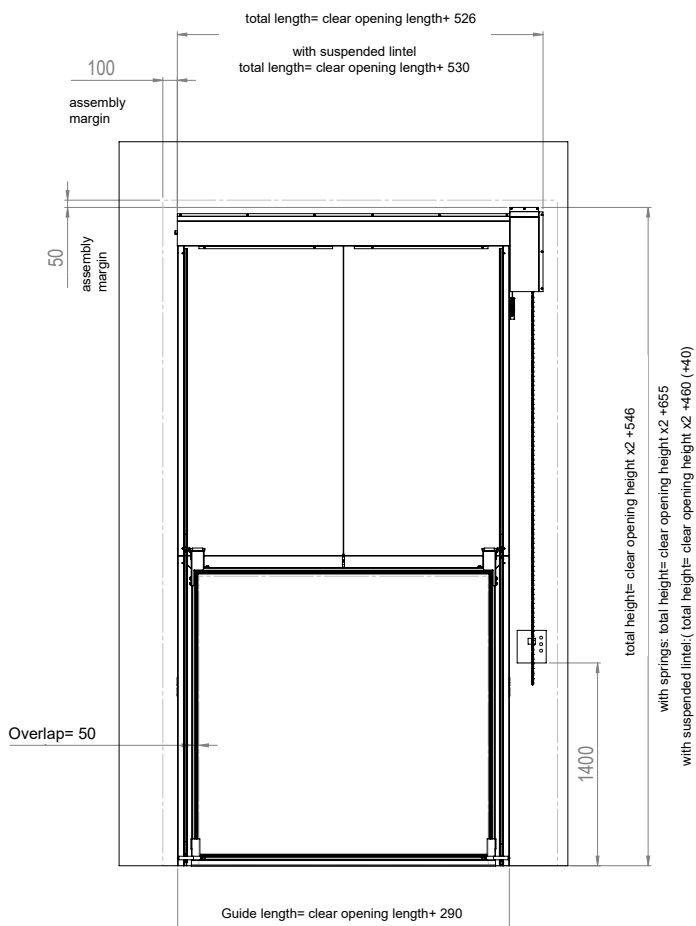


Emergency stop device separation:
 Leaf thickness 140 and 120 --> min. 274 and max. 300
 Leaf thickness 90 and 100 --> min. 246 and max. 270

WALL OPENING DIMENSIONS



OVERALL DIMENSIONS

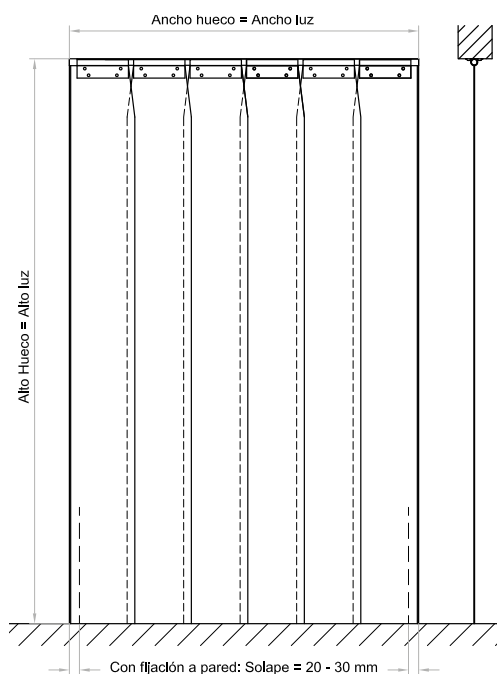


Strip Curtain

FIXED / SLIDING

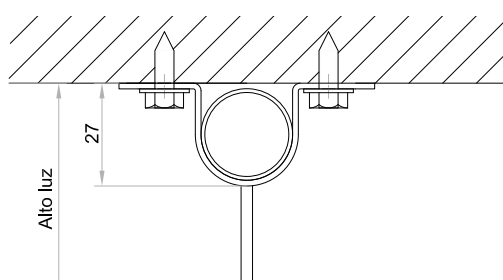
Fixed

OVERALL DIMENSIONS AND HOLE

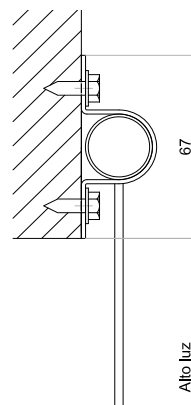


FIXING OPTIONS

Techo

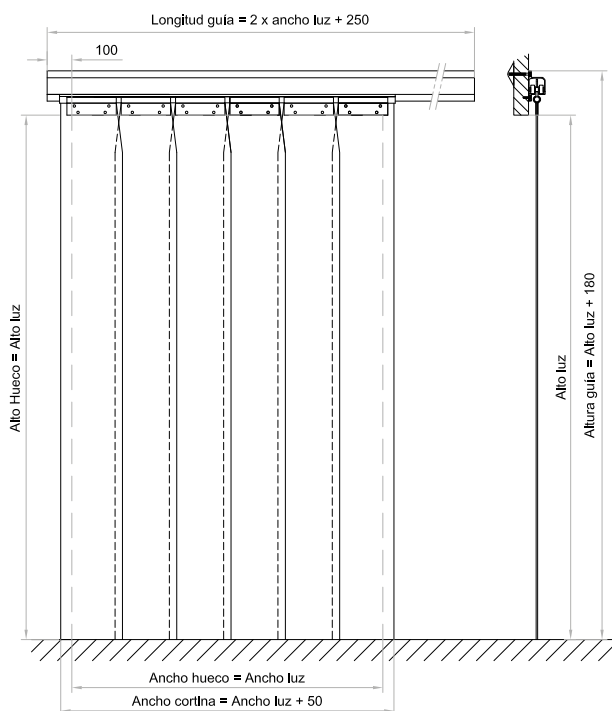


Pared

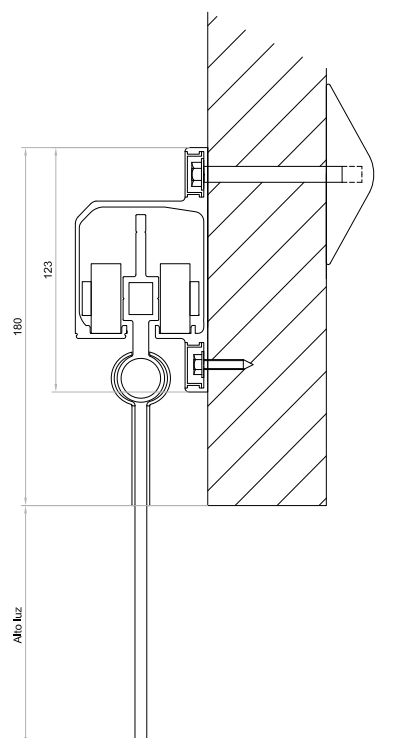


Sliding

OVERALL DIMENSIONS AND HOLE



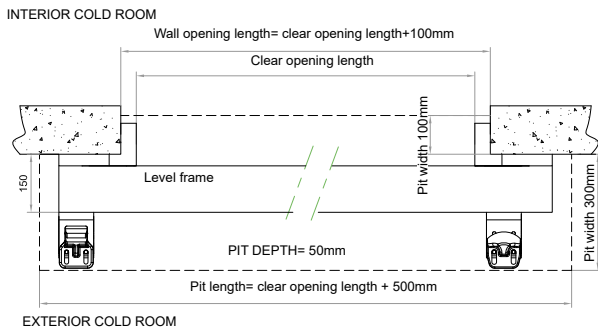
FIXING DETAIL



Ifire Ei2-60

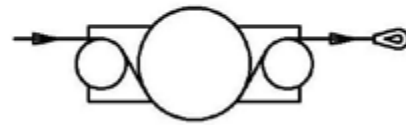
FIRE RATED SLIDING COLD ROOM DOOR RIGHT HAND OPENING

ANCHOR BOLT AND GUIDE

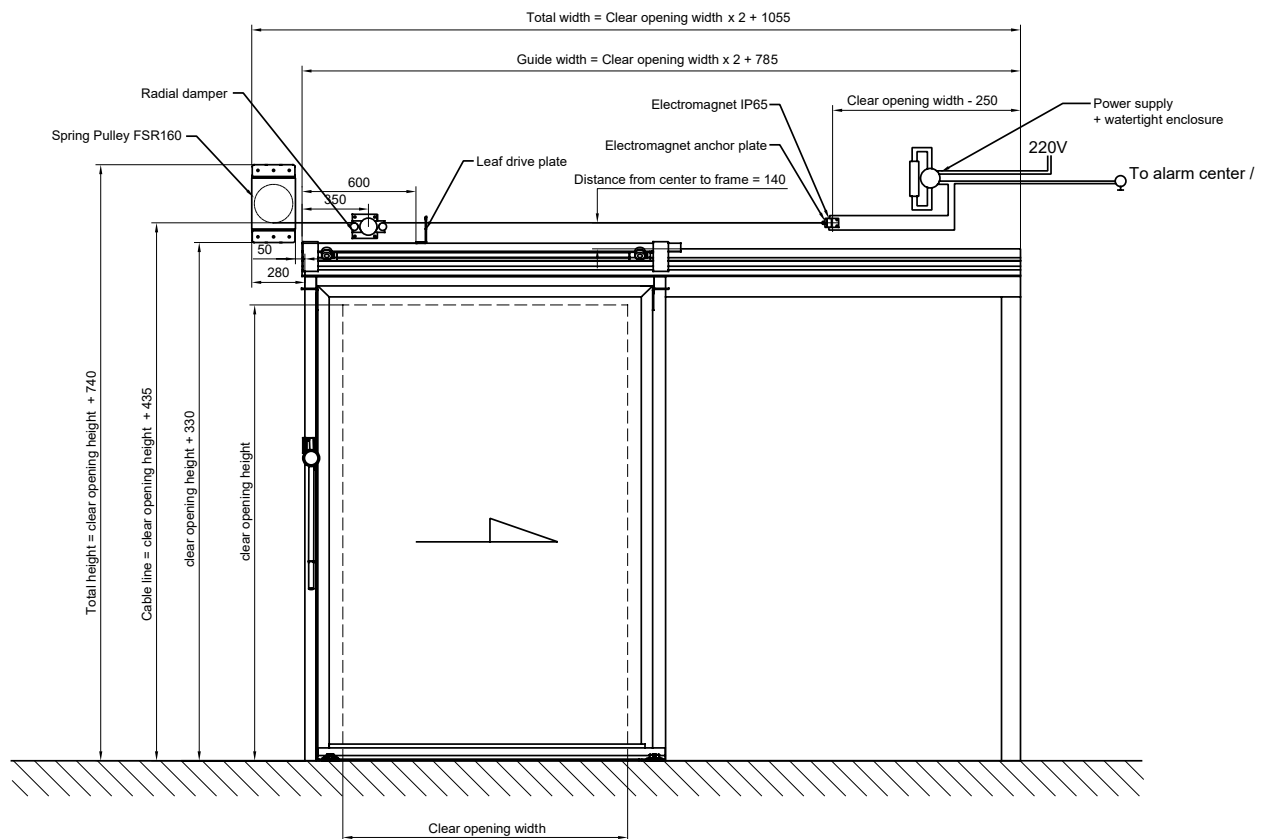


RADIAL DAMPER POSITION

IMPORTANT : Cable pass should be done as shown



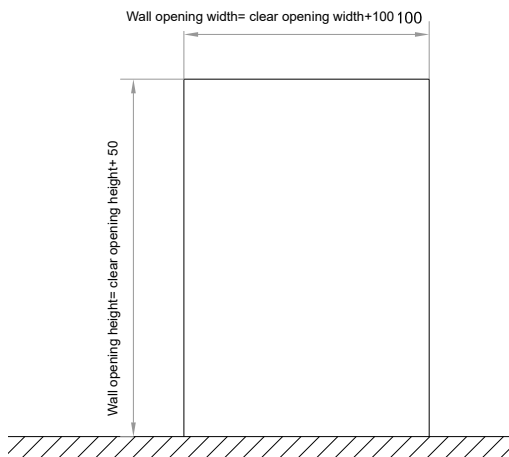
OVERALL DIMENSIONS



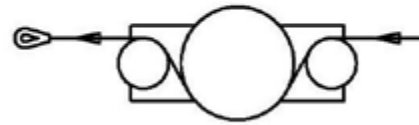
Ifire Ei2-60

FIRE RATED SLIDING COLD ROOM DOOR LEFT HAND OPENING

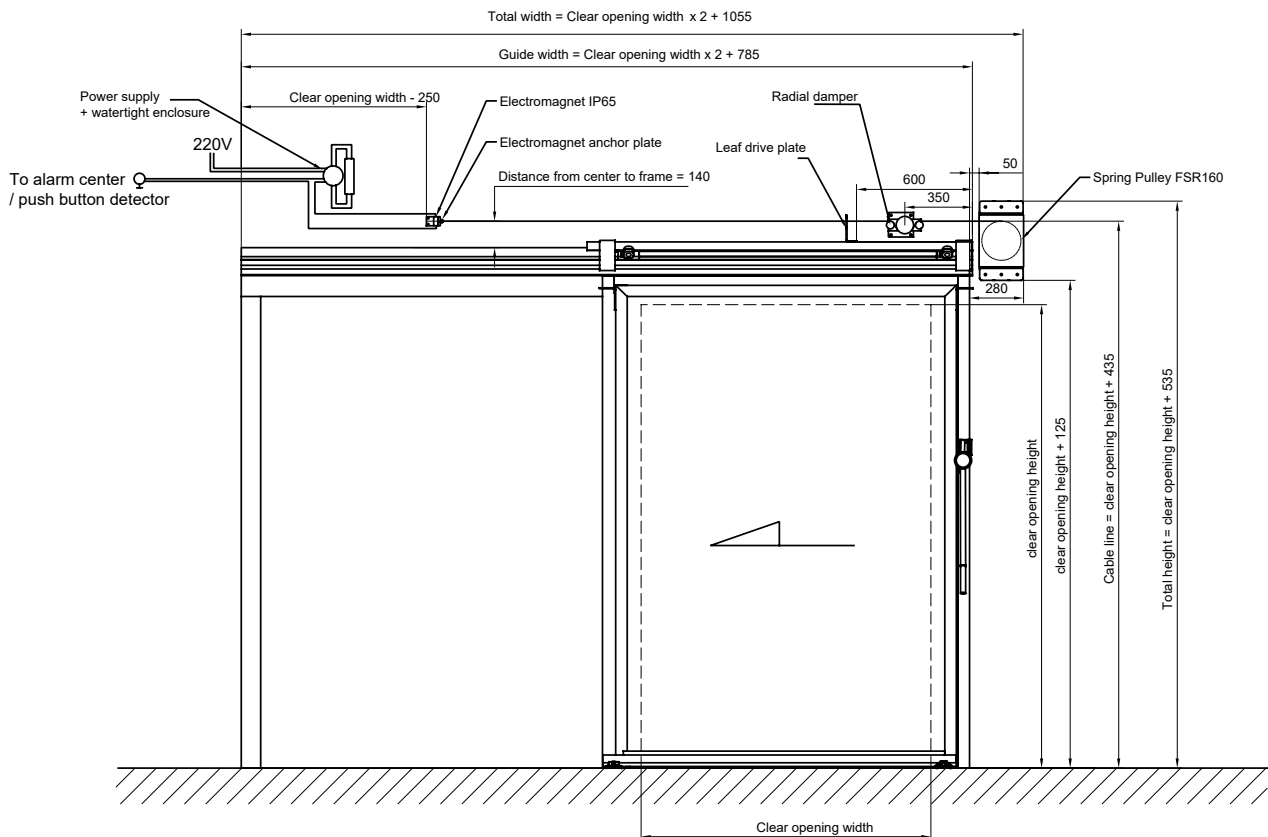
PIT DIMENSIONS



IMPORTANT : Cable pass should be done as shown



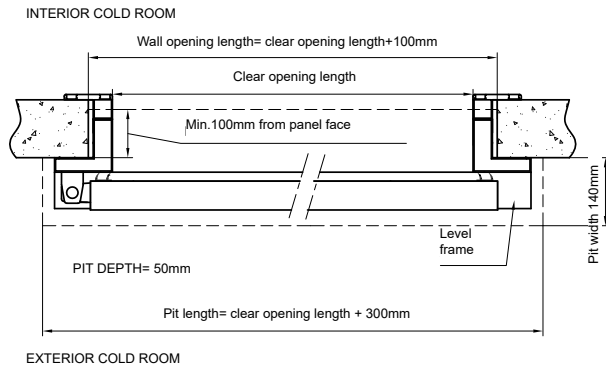
OVERALL DIMENSIONS



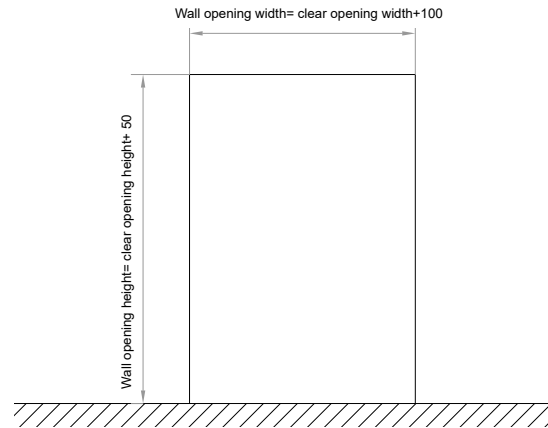
Commercial

HINGED COLD ROOM DOOR

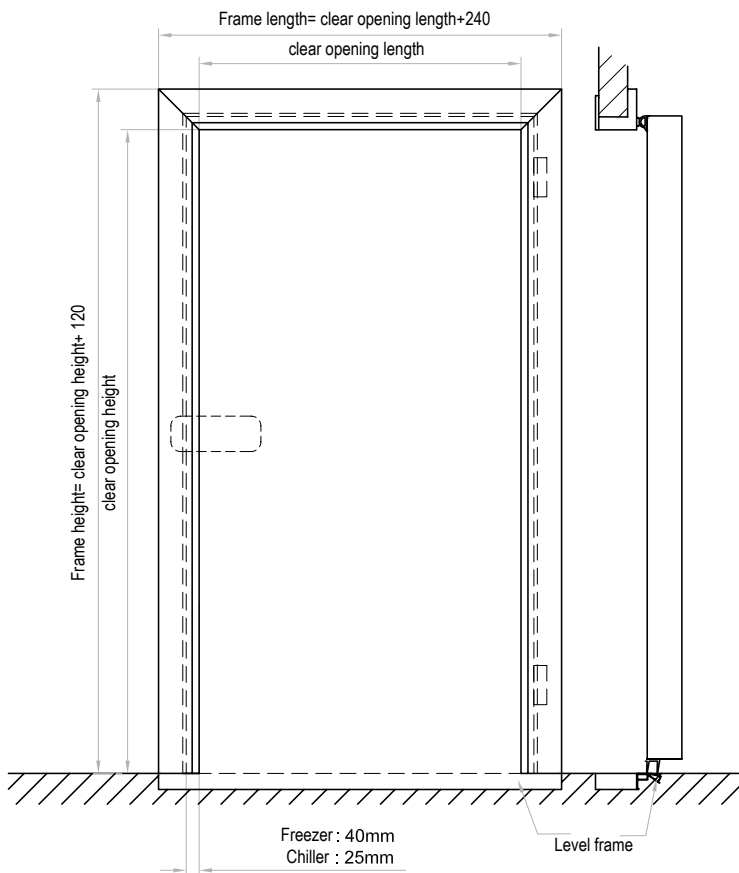
PIT DIMENSIONS



WALL OPENING DIMENSIONS

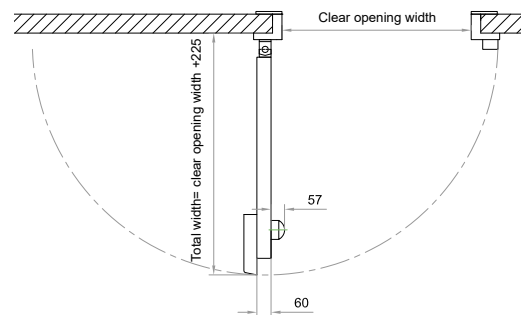


OVERALL DIMENSIONS

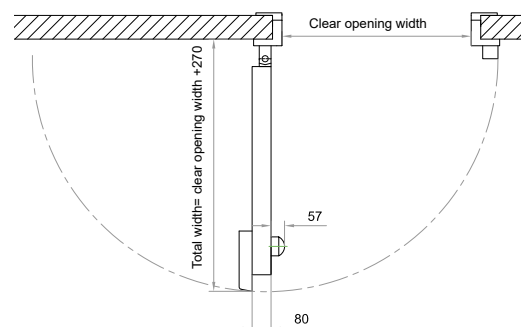


TURNING DIMENSIONS

Preservation +0°C

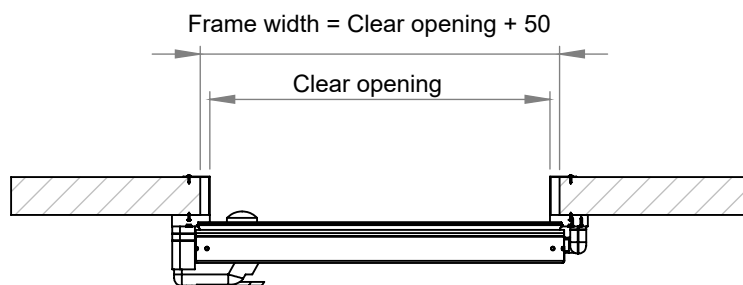


Freezing -20°C

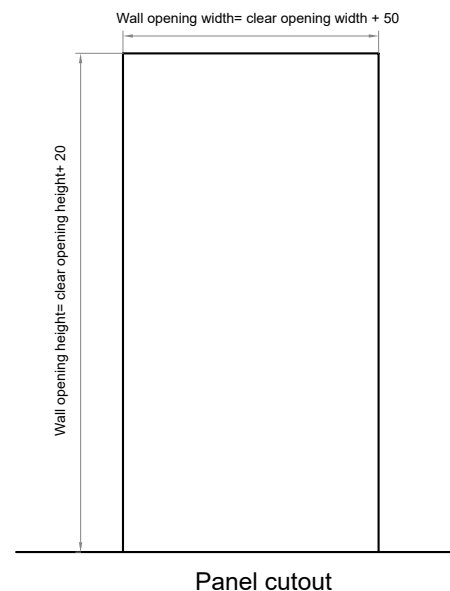


HINGED COLD ROOM DOOR

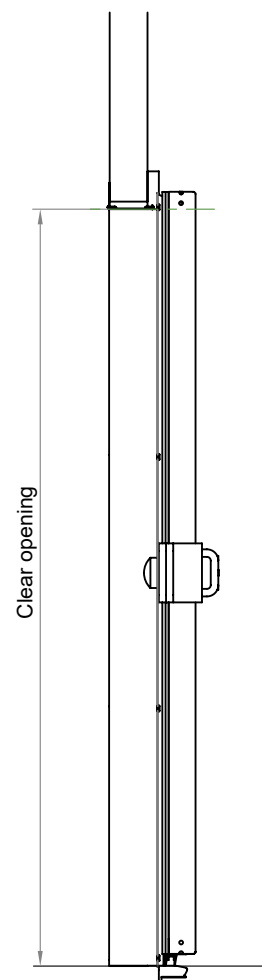
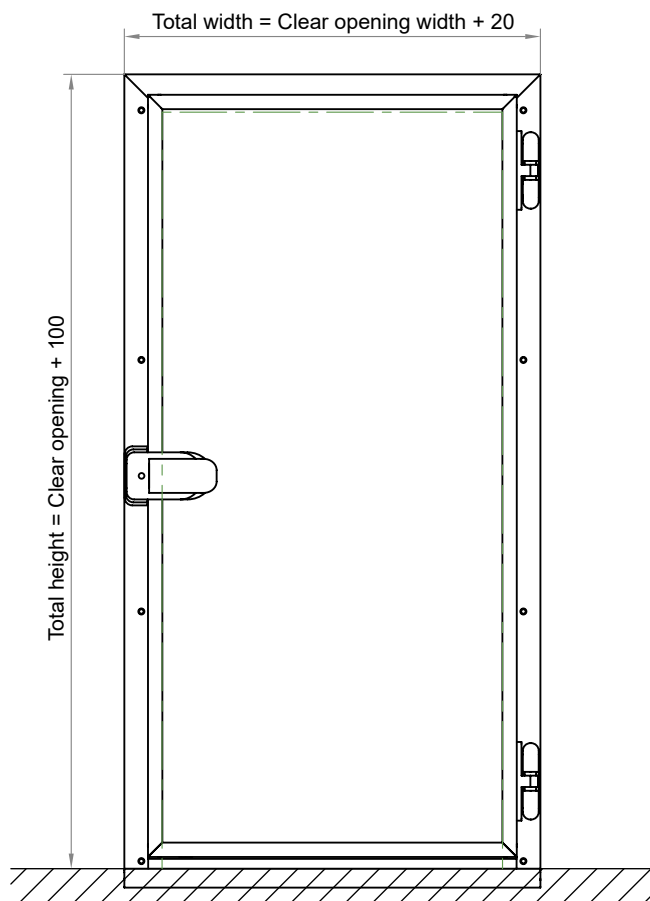
PIT DIMENSIONS



WALL OPENING DIMENSIONS



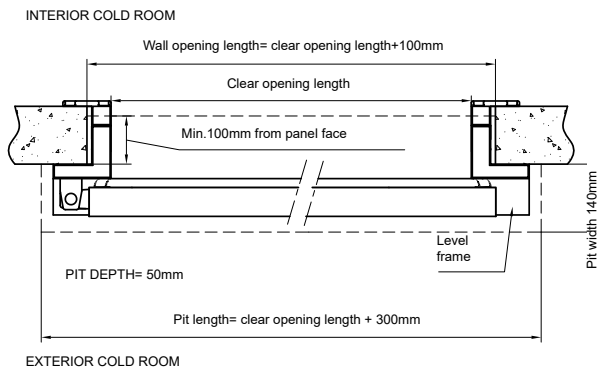
OVERALL DIMENSIONS



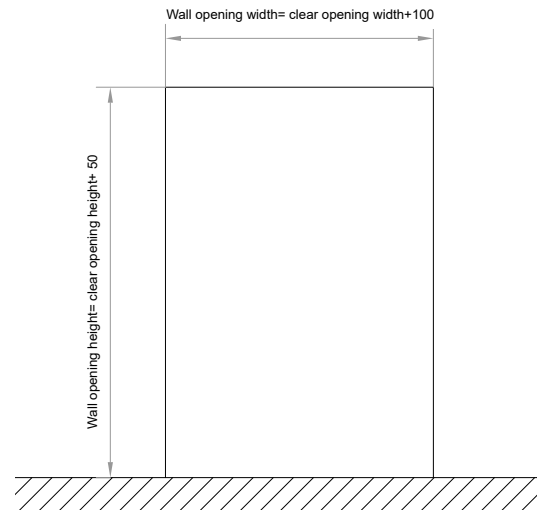
Industrial

HINGED COLD ROOM DOOR

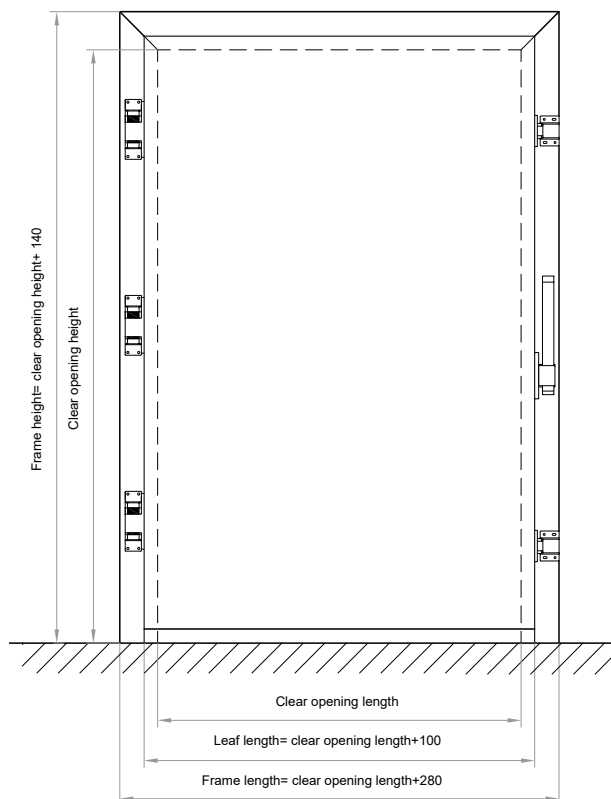
PIT DIMENSIONS



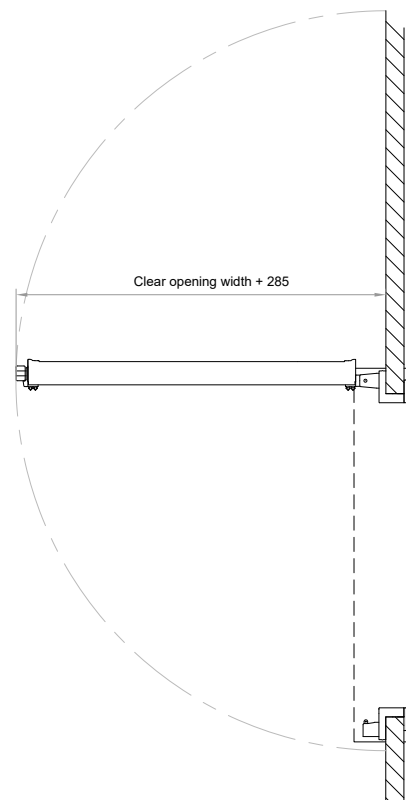
WALL OPENING DIMENSIONS



OVERALL DIMENSIONS



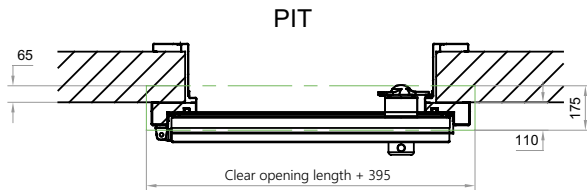
TURNING DIMENSIONS



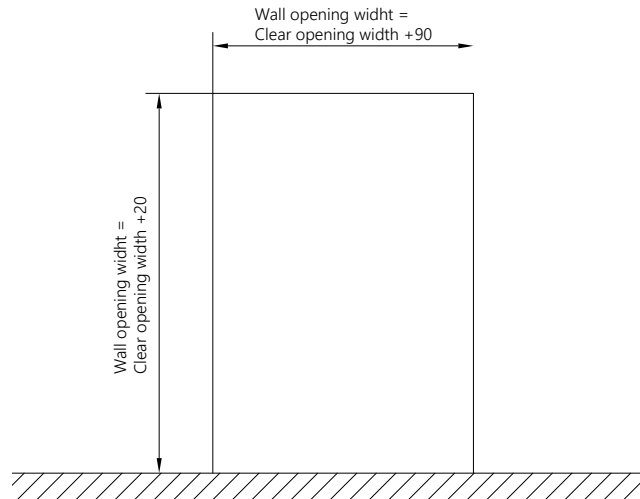
Ifire Ei2-90

FIRE RATED HINGED COLD ROOM DOOR

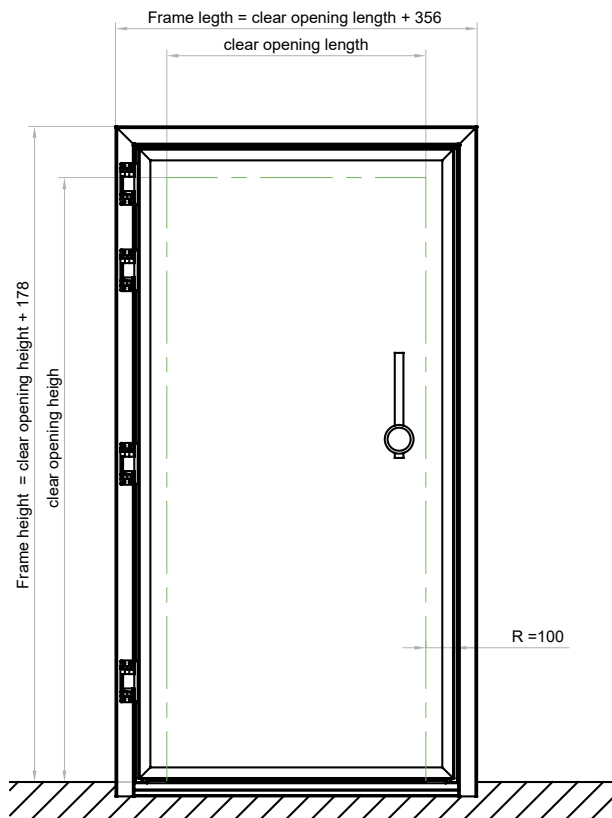
PIT DIMENSIONS



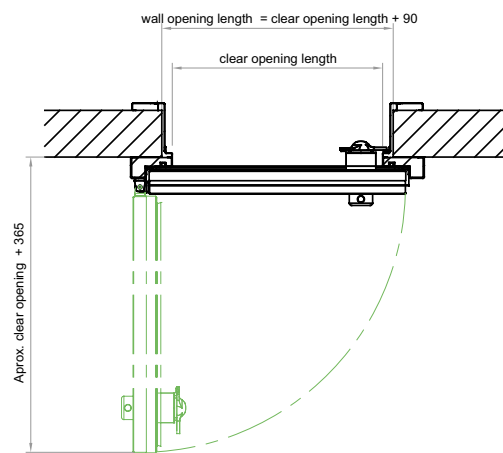
WALL OPENING DIMENSIONS



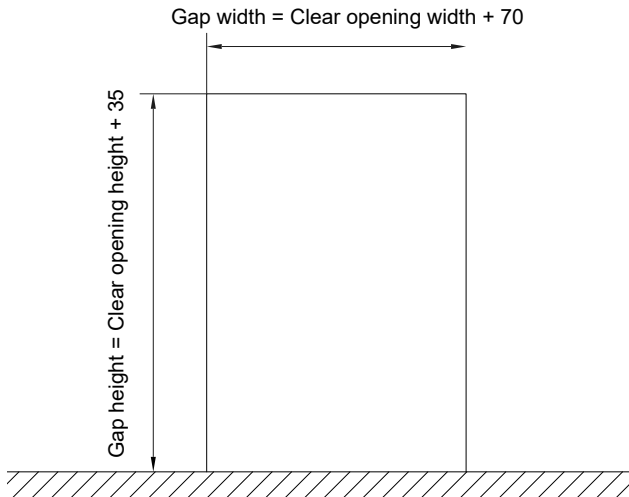
OVERALL DIMENSIONS



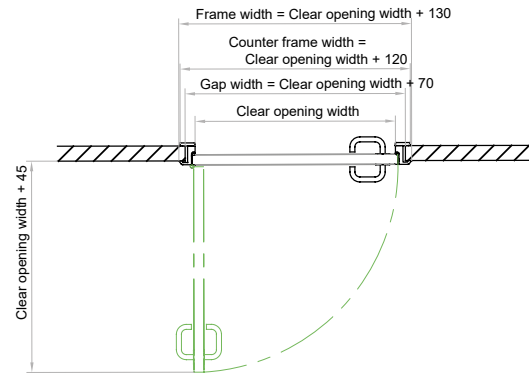
TURNING DIMENSIONS



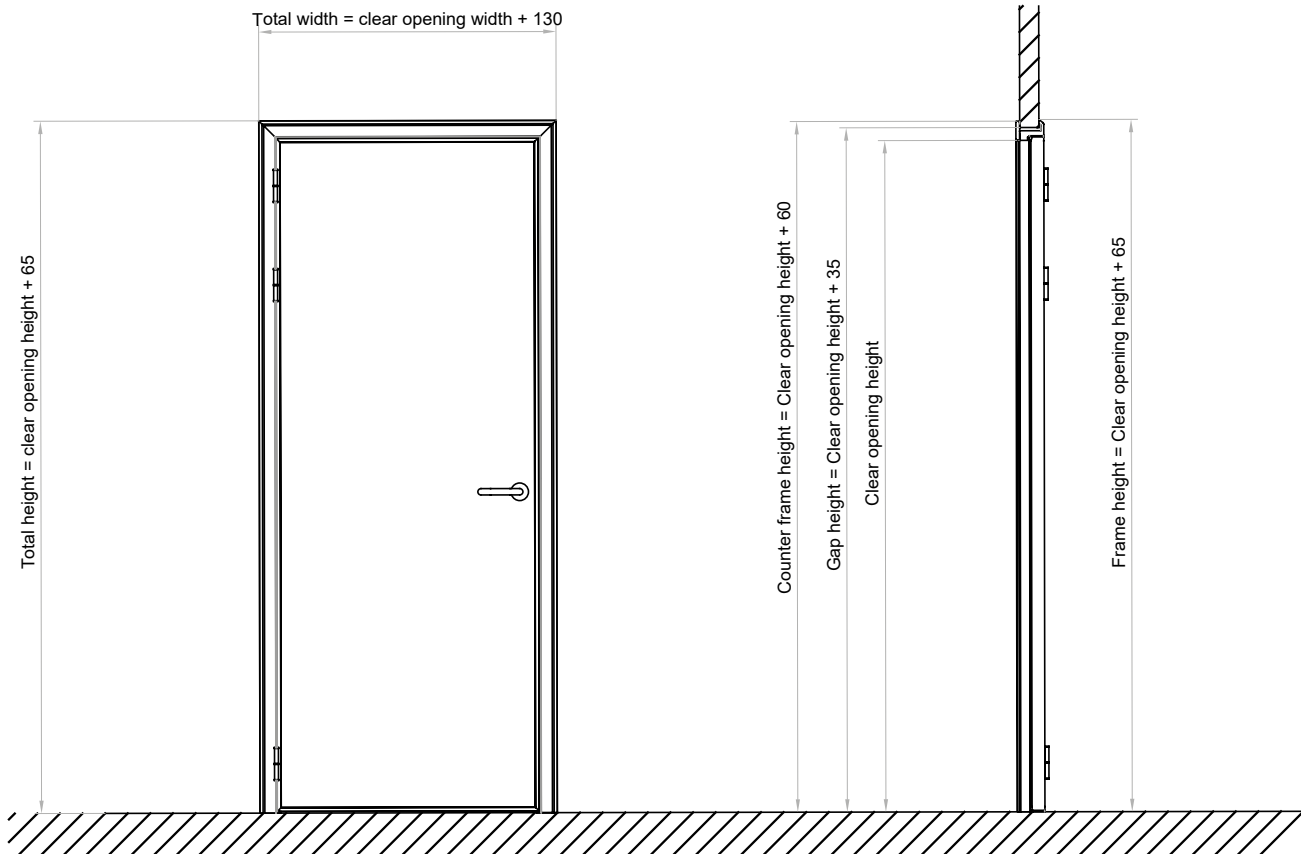
WALL OPENING DIMENSIONS



TURNING DIMENSIONS



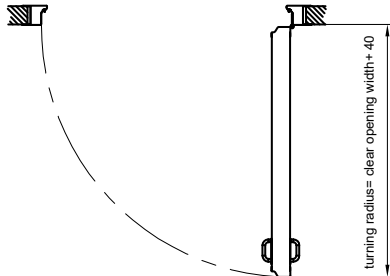
OVERALL DIMENSIONS



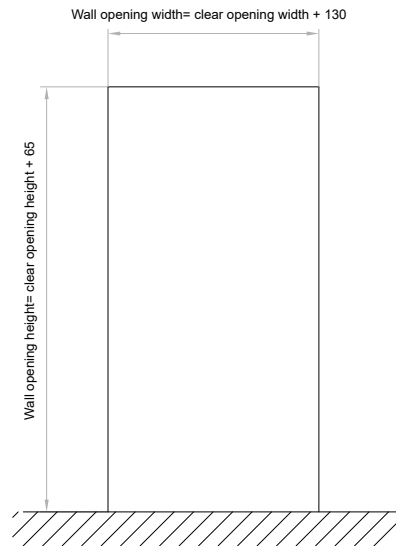
Clean Room

CLEAN ROOM HINGED DOOR

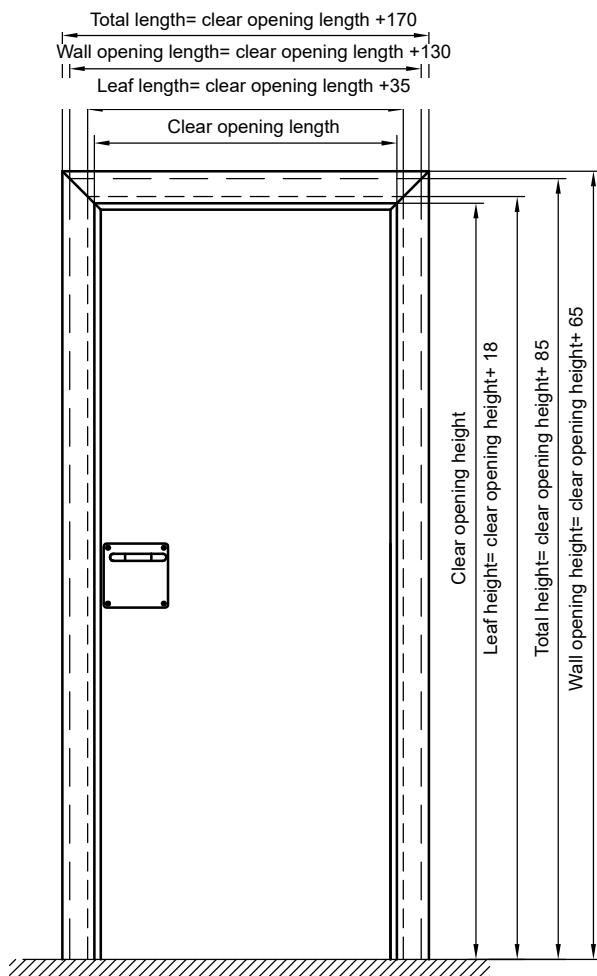
TURNING DIMENSIONS



WALL OPENING DIMENSIONS

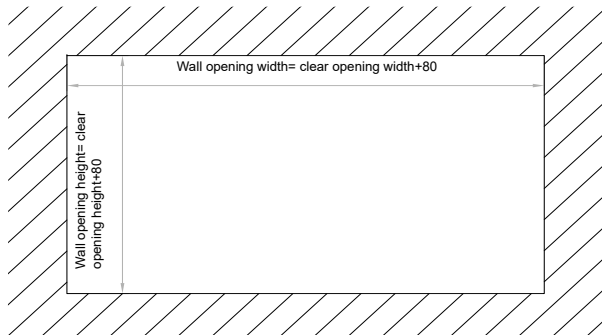


OVERALL DIMENSIONS

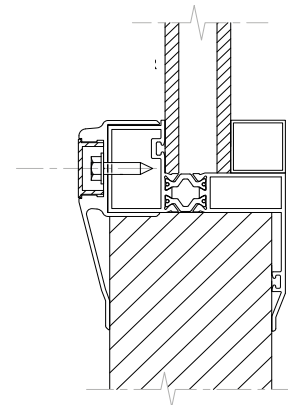
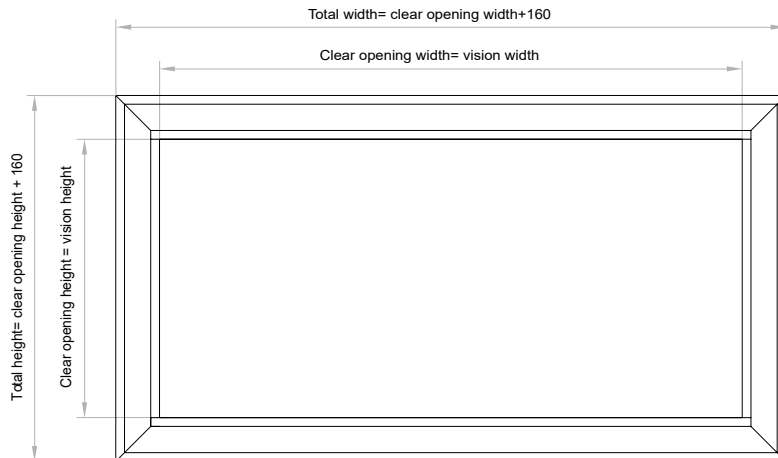


Exhibitor window

WALL OPENING DIMENSIONS



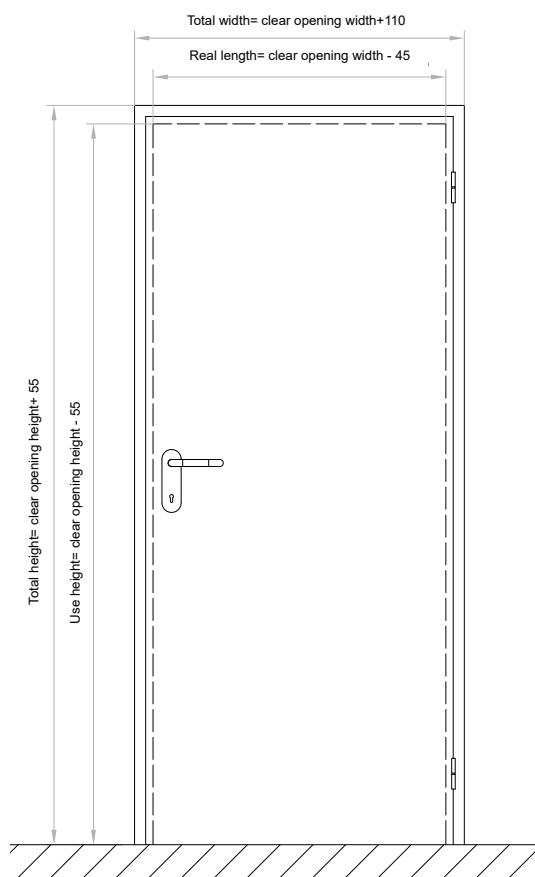
OVERALL DIMENSIONS



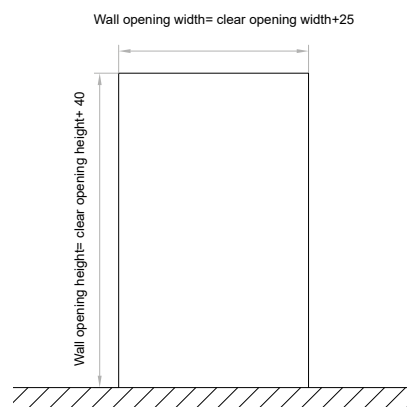
Fire rated

FIRE RATED HINGED DOOR

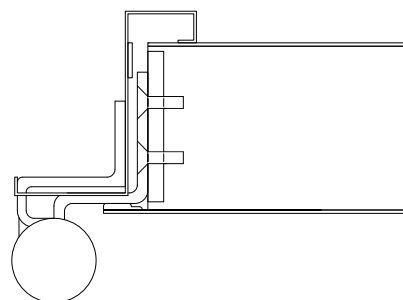
OVERALL DIMENSIONS



WALL OPENING DIMENSIONS



FRAME AND LEAF DETAIL

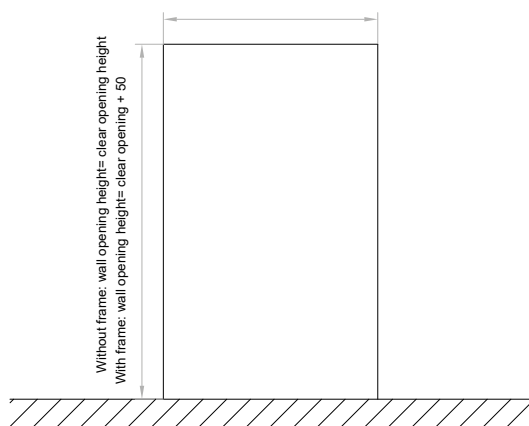


FlipFlap

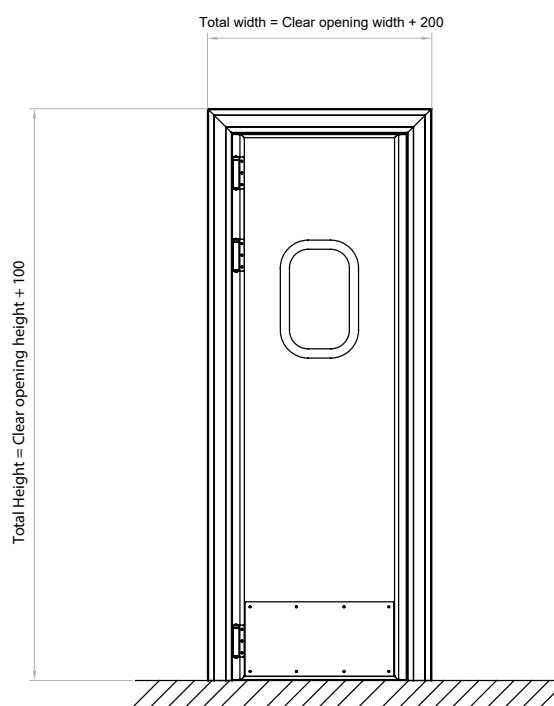
SWING DOOR

WALL OPENING DIMENSIONS

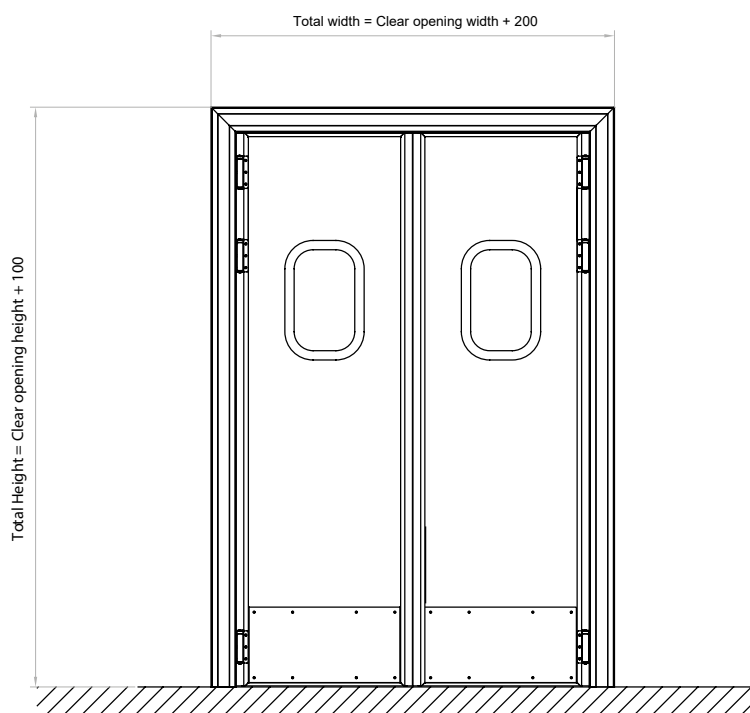
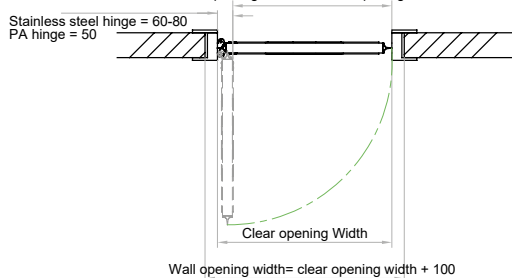
Without frame: wall opening length= clear opening length
 With frame: wall opening length = clear opening length + 100



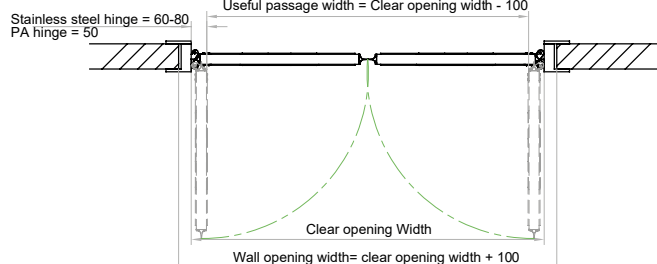
OVERALL DIMENSIONS



Stainless steel hinge:
 Useful passage width = Clear opening width - 80
PA hinge:
 Useful passage width = Clear opening width - 50

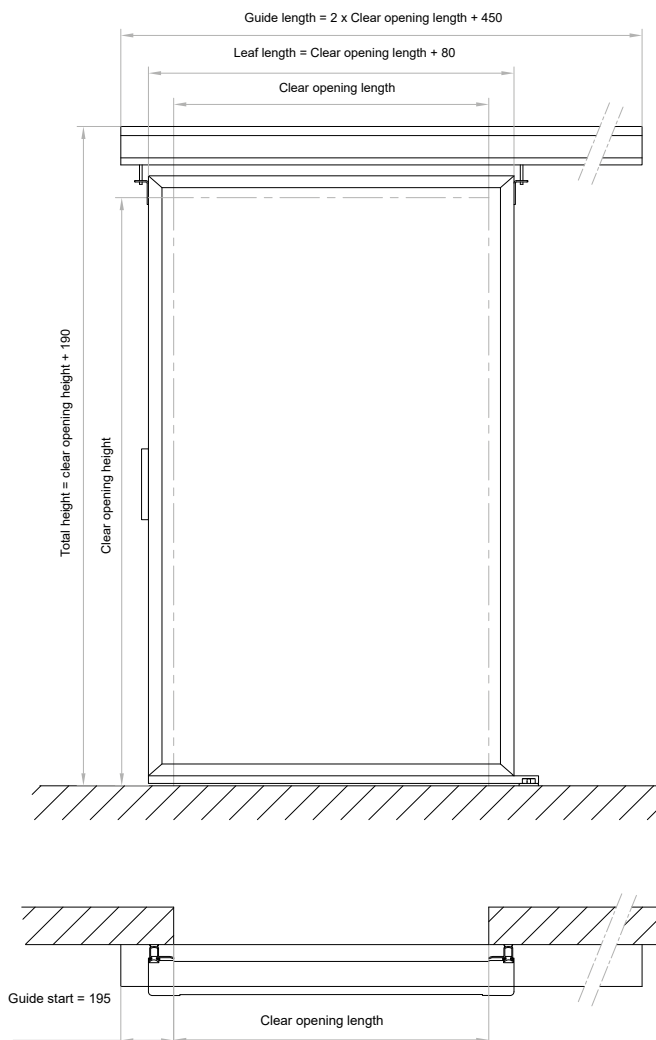


Stainless steel hinge:
 Useful passage width = Clear opening width - 160
PA hinge:
 Useful passage width = Clear opening width - 100

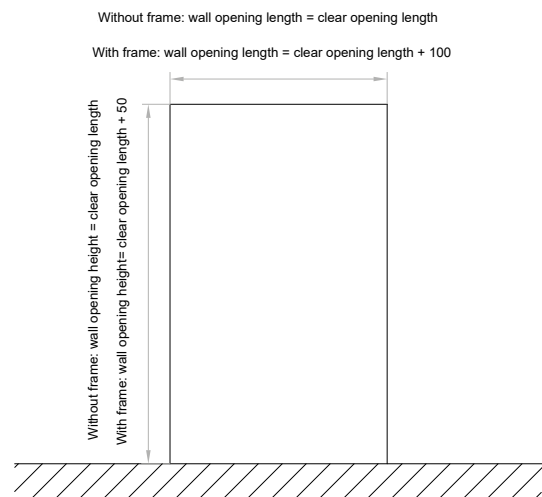


SERVICE SLIDING DOOR

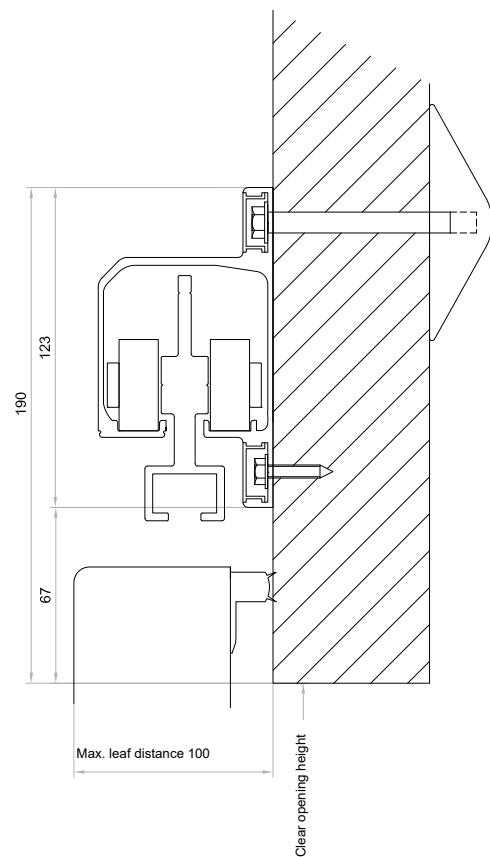
OVERALL DIMENSION



WALL OPENING DIMENSIONS

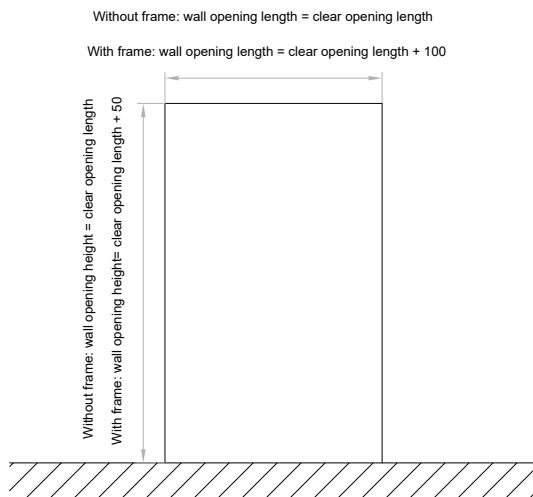


FIXATION DETAIL

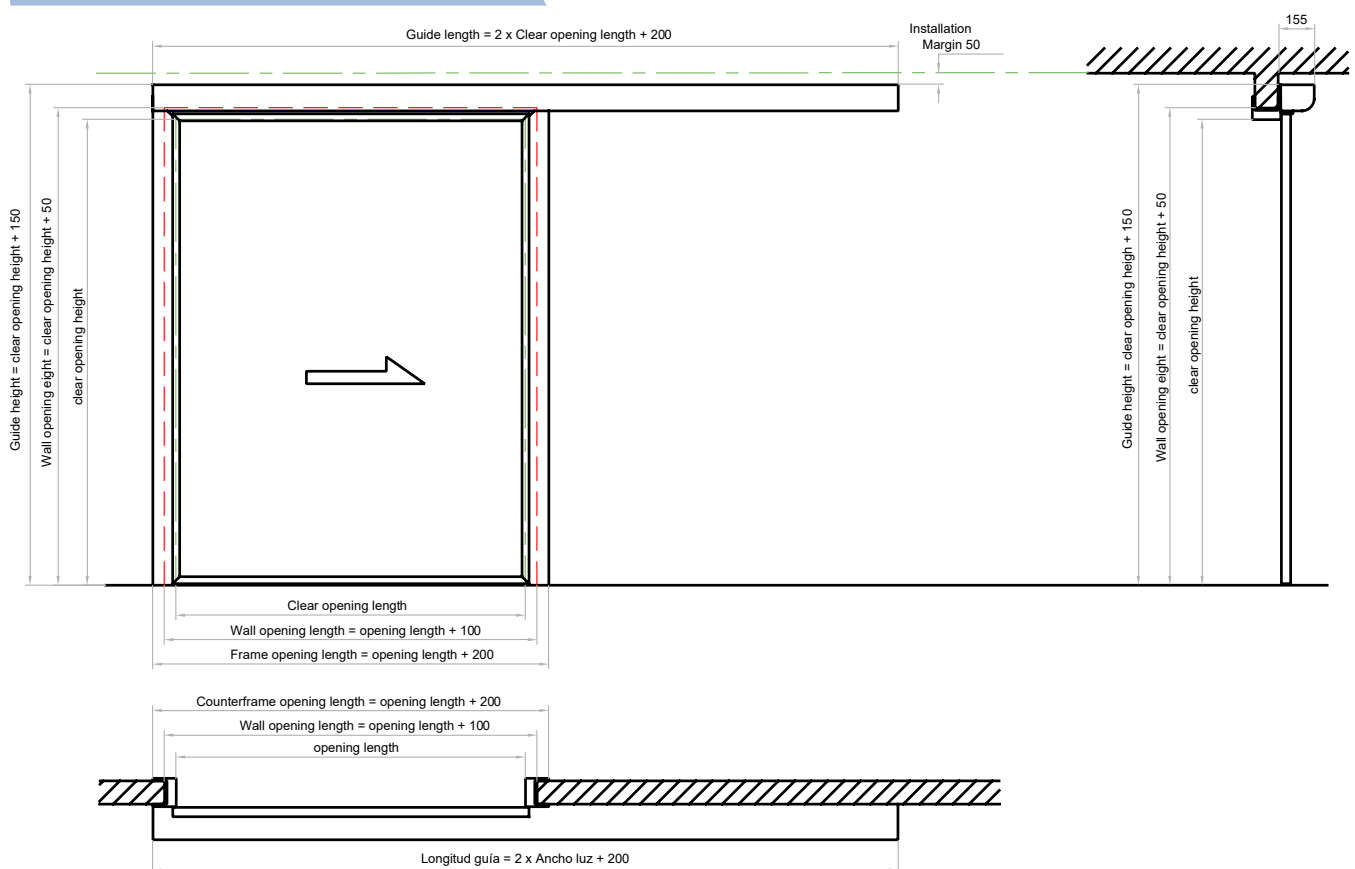


SERVICE SLIDING DOOR

WALL OPENING DIMENSIONS



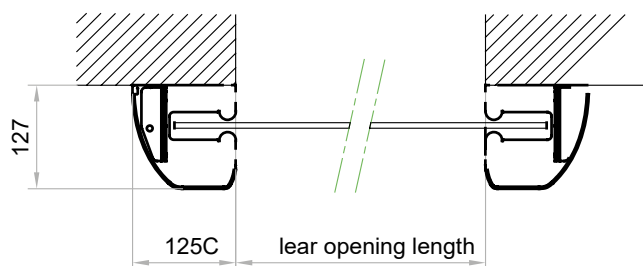
OVERALL DIMENSION



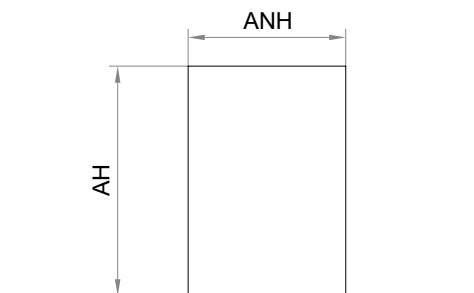
PRE

HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE



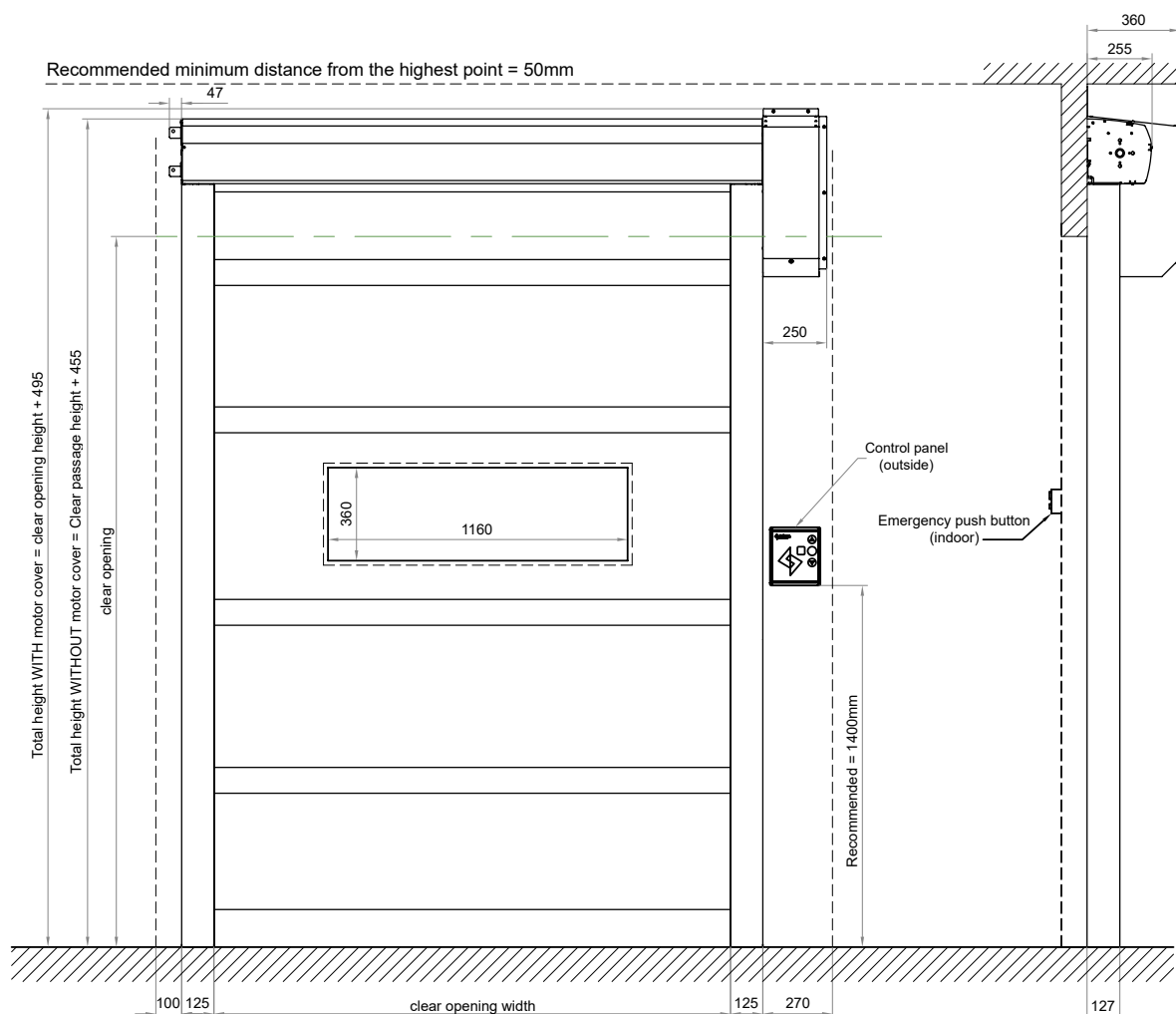
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

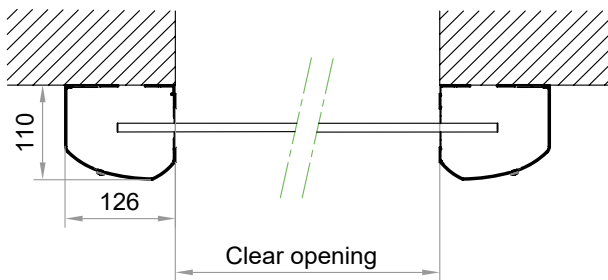
OVERALL DIMENSIONS



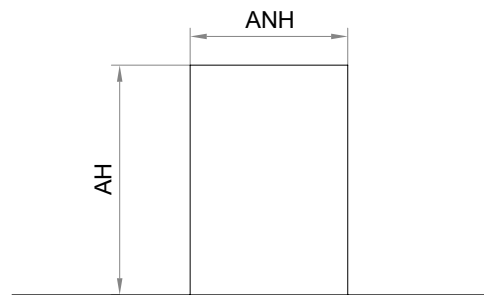
All dimensions are in millimeters

HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE



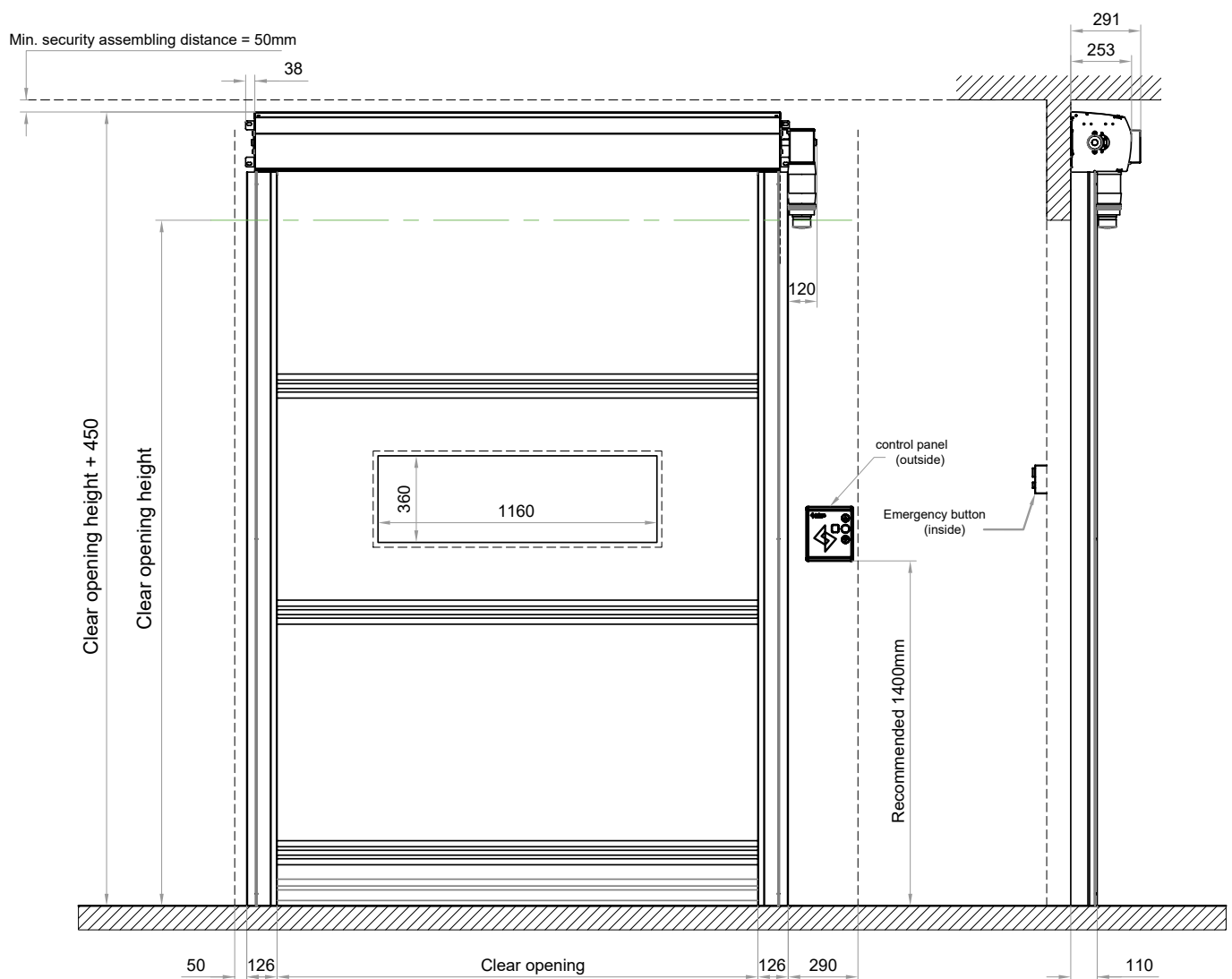
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

OVERALL DIMENSIONS

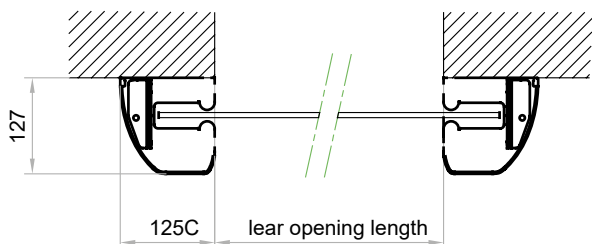


All dimensions are in millimeters

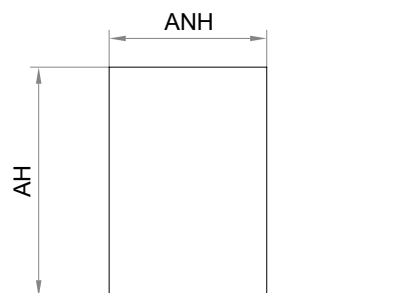
GPRE / PRE Jumbo

HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE



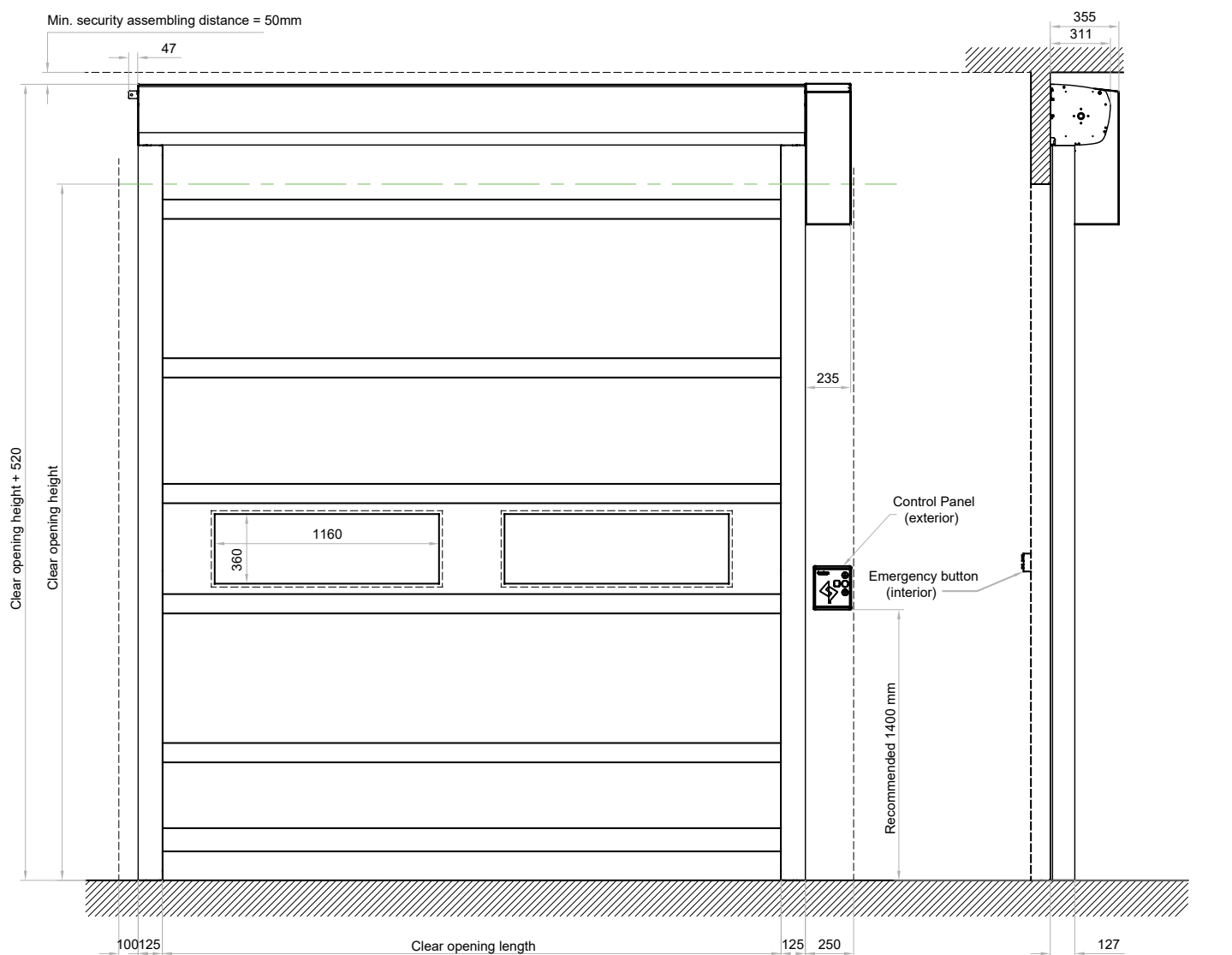
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

OVERALL DIMENSIONS

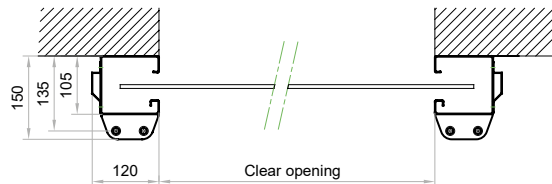


PRE Inox

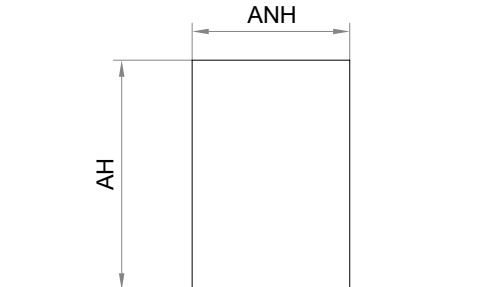
HIGH SPEED DOOR



ANCHOR BOLT AND GUIDE



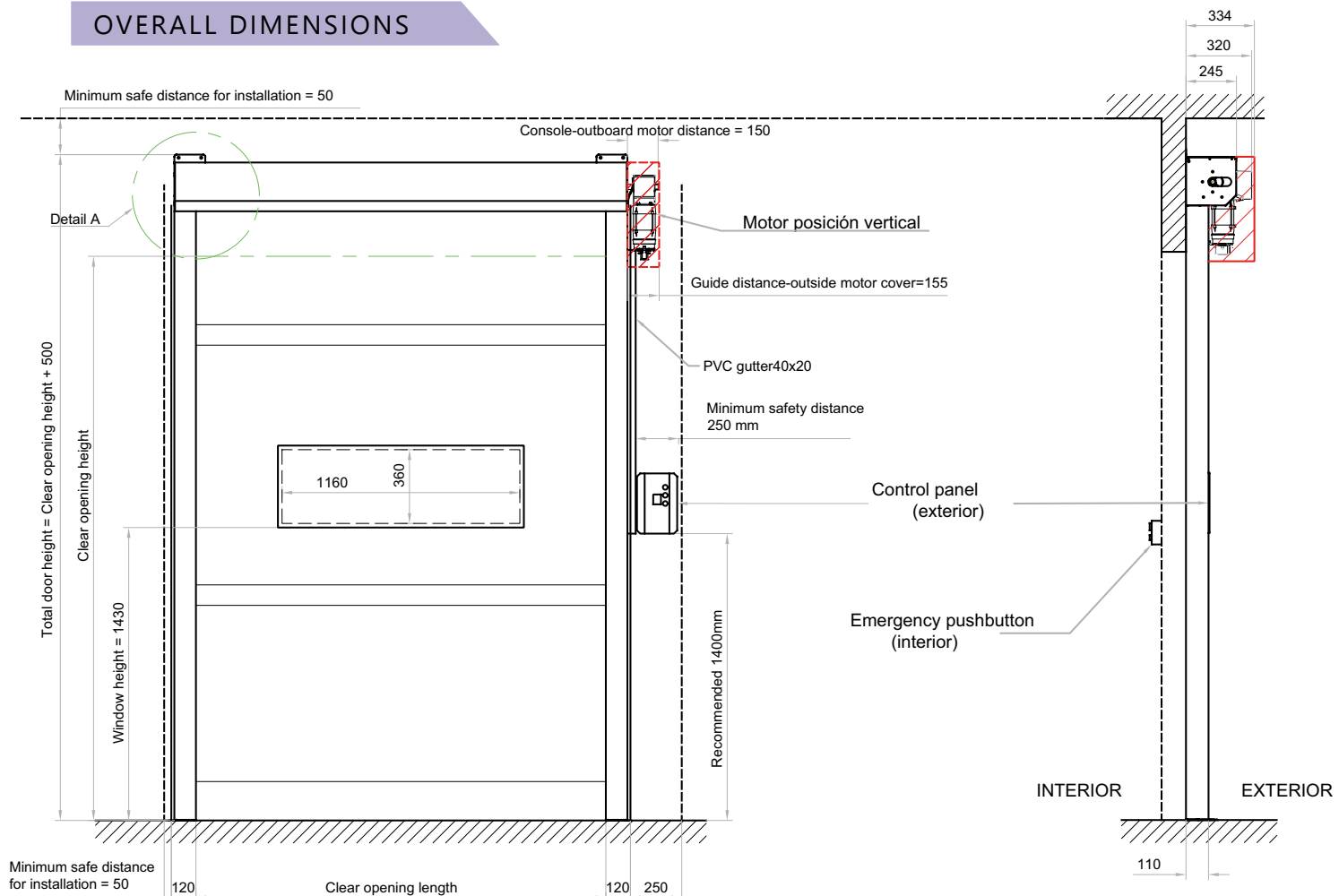
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

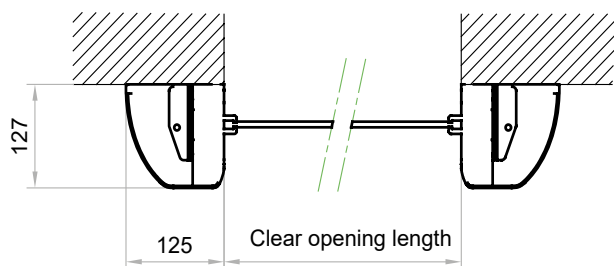
ANH: structural opening width = Clear opening width

OVERALL DIMENSIONS

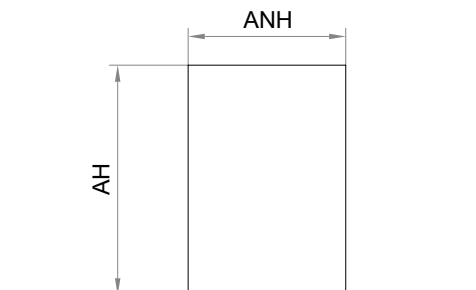


SELF-REPAIR HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE



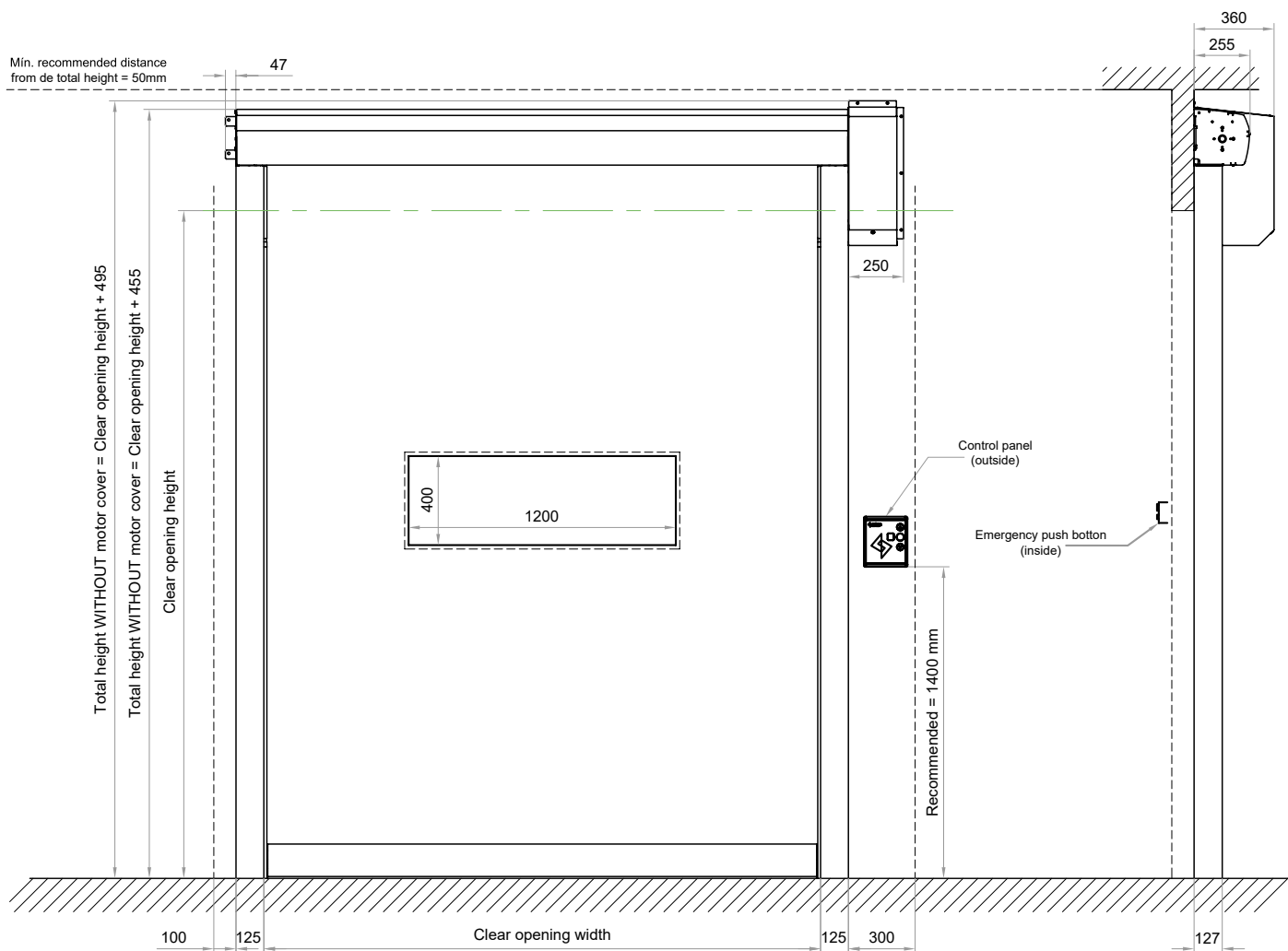
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

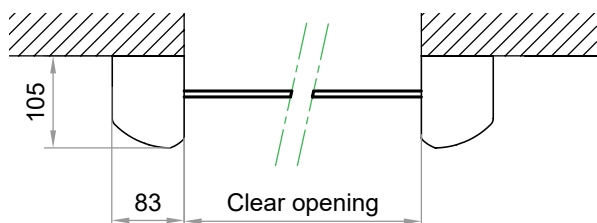
OVERALL DIMENSIONS



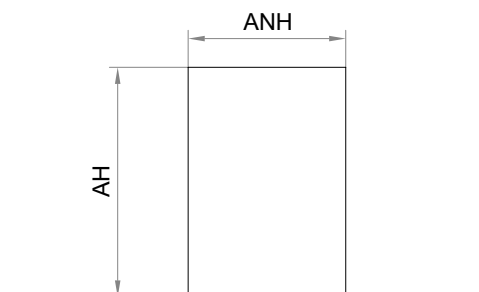
PRX Lite

SELF-REPAIR HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE

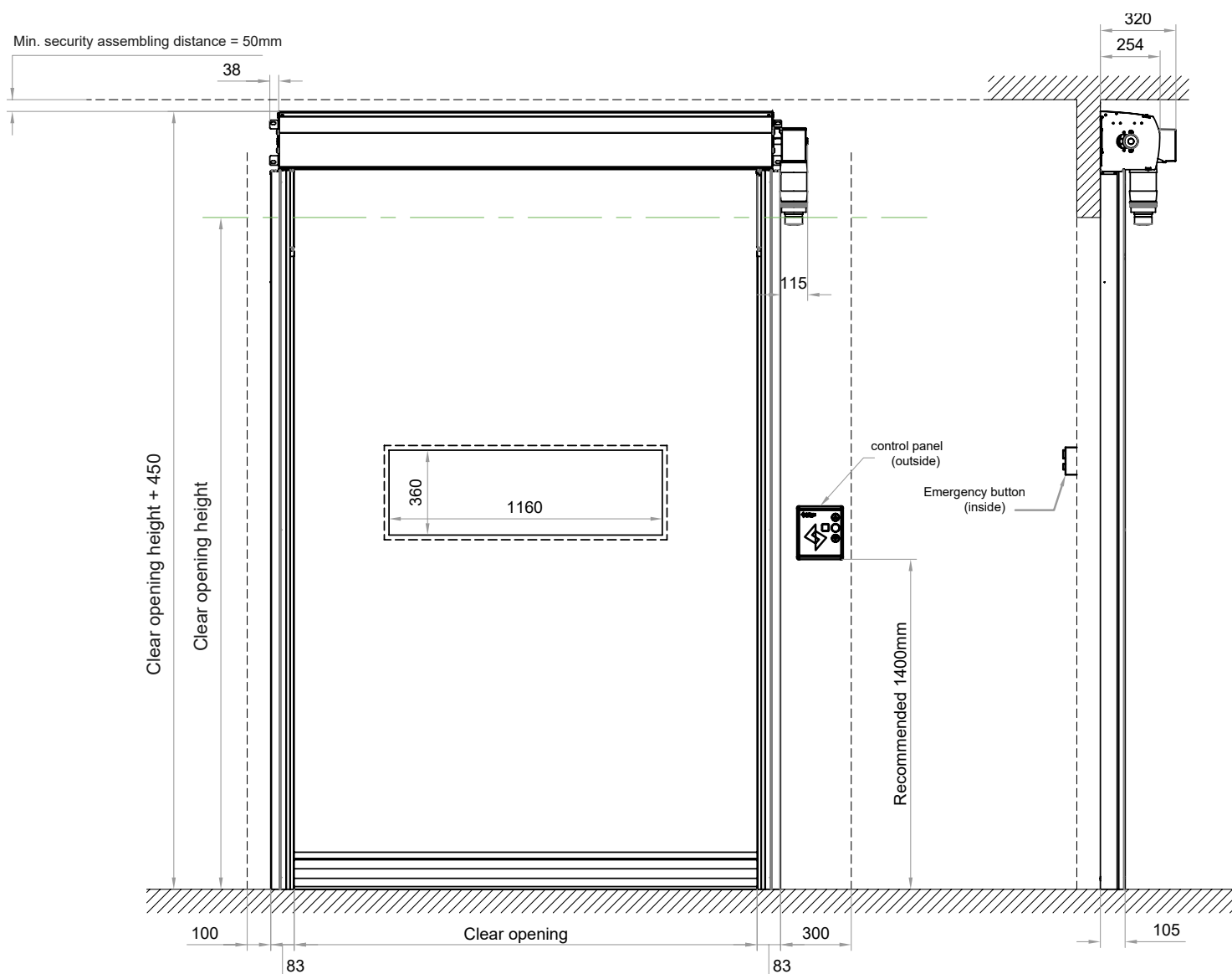


WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height
ANH: structural opening width = Clear opening width

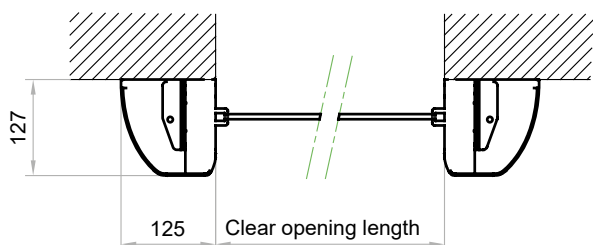
OVERALL DIMENSIONS



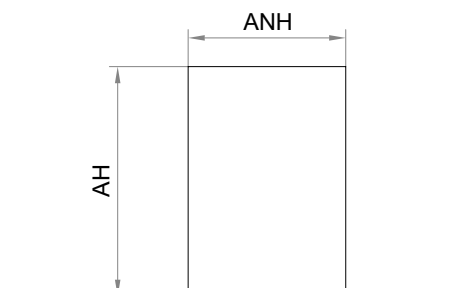
GPRX / PRX Jumbo

SELF-REPAIR HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE

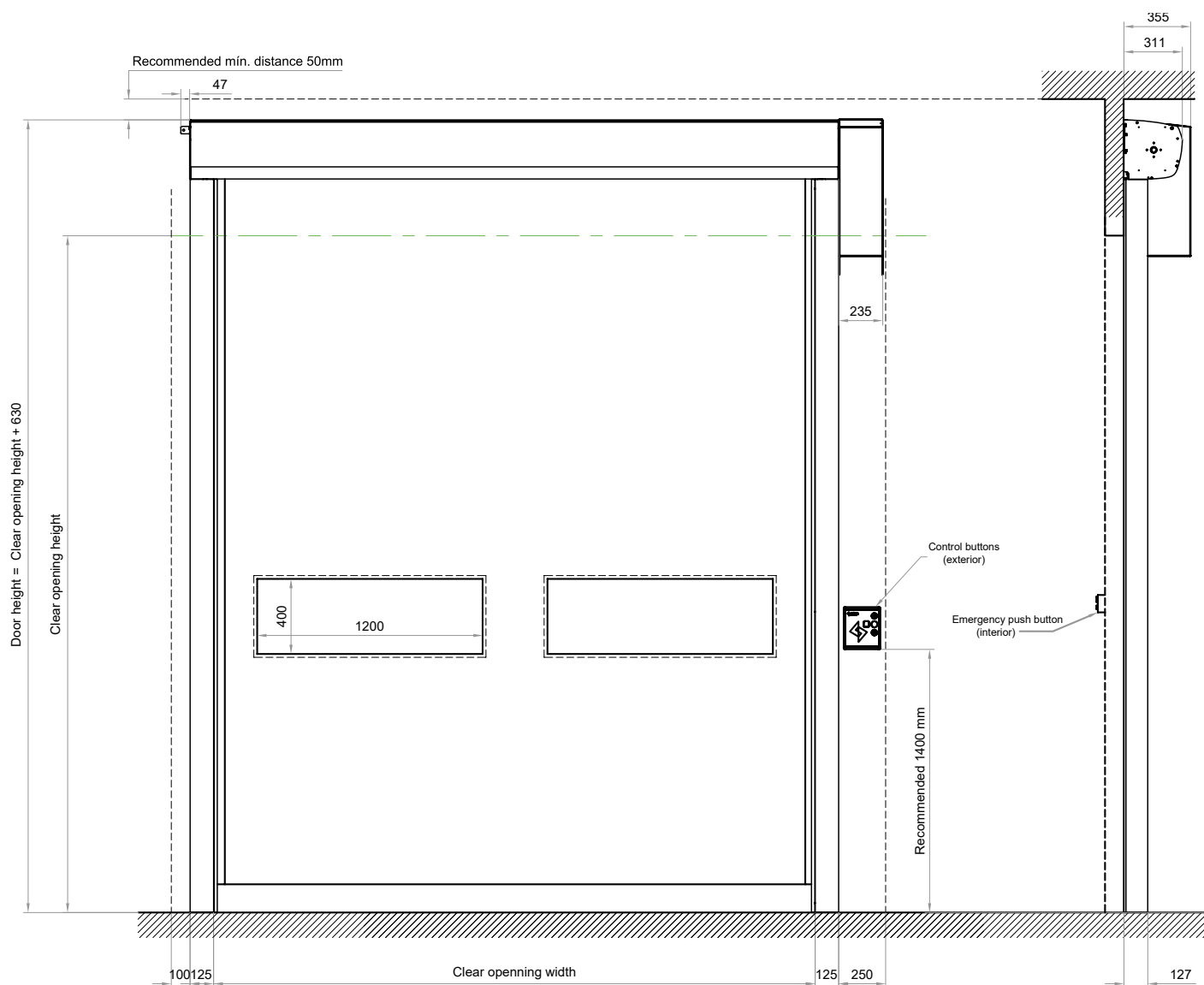


WALL OPENING DIMENSIONS

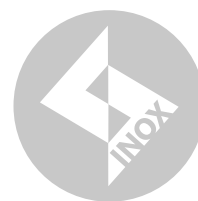


AH: structural opening height = Clear opening height
ANH: structural opening width = Clear opening width

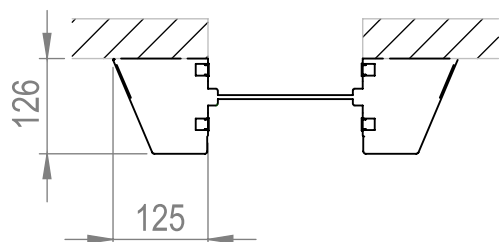
OVERALL DIMENSIONS



All dimensions are in millimeters rs

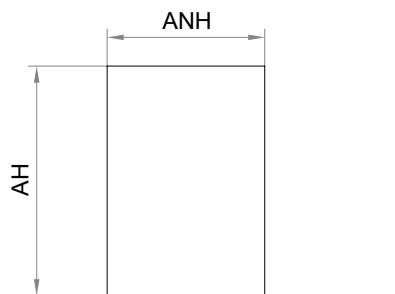


ANCHOR BOLT AND GUIDE



Guide position
scale 1:10

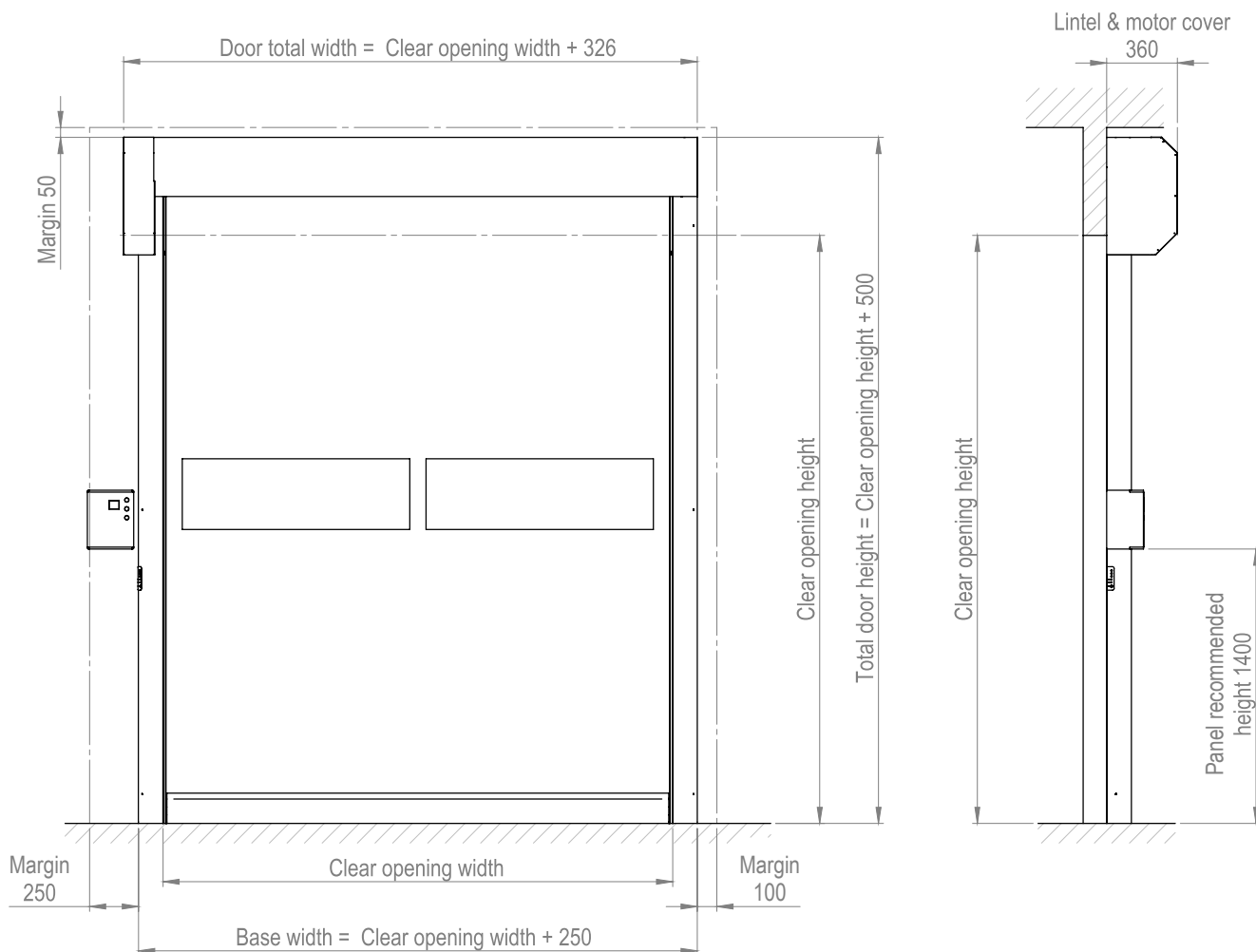
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

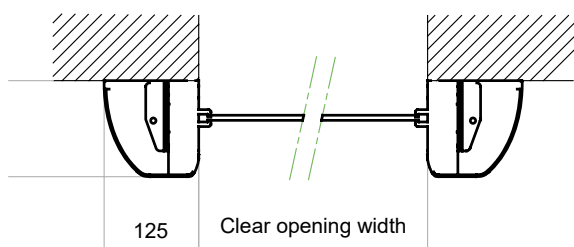
OVERALL DIMENSIONS



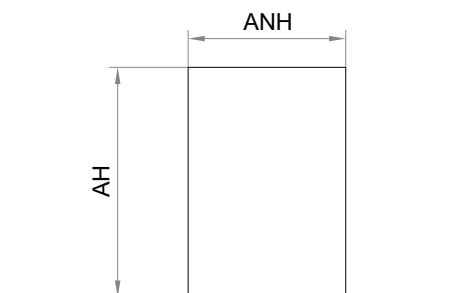
PRX Clean Room

SELF-REPAIR HIGH SPEED DOOR

ANCHOR BOLT AND GUIDE

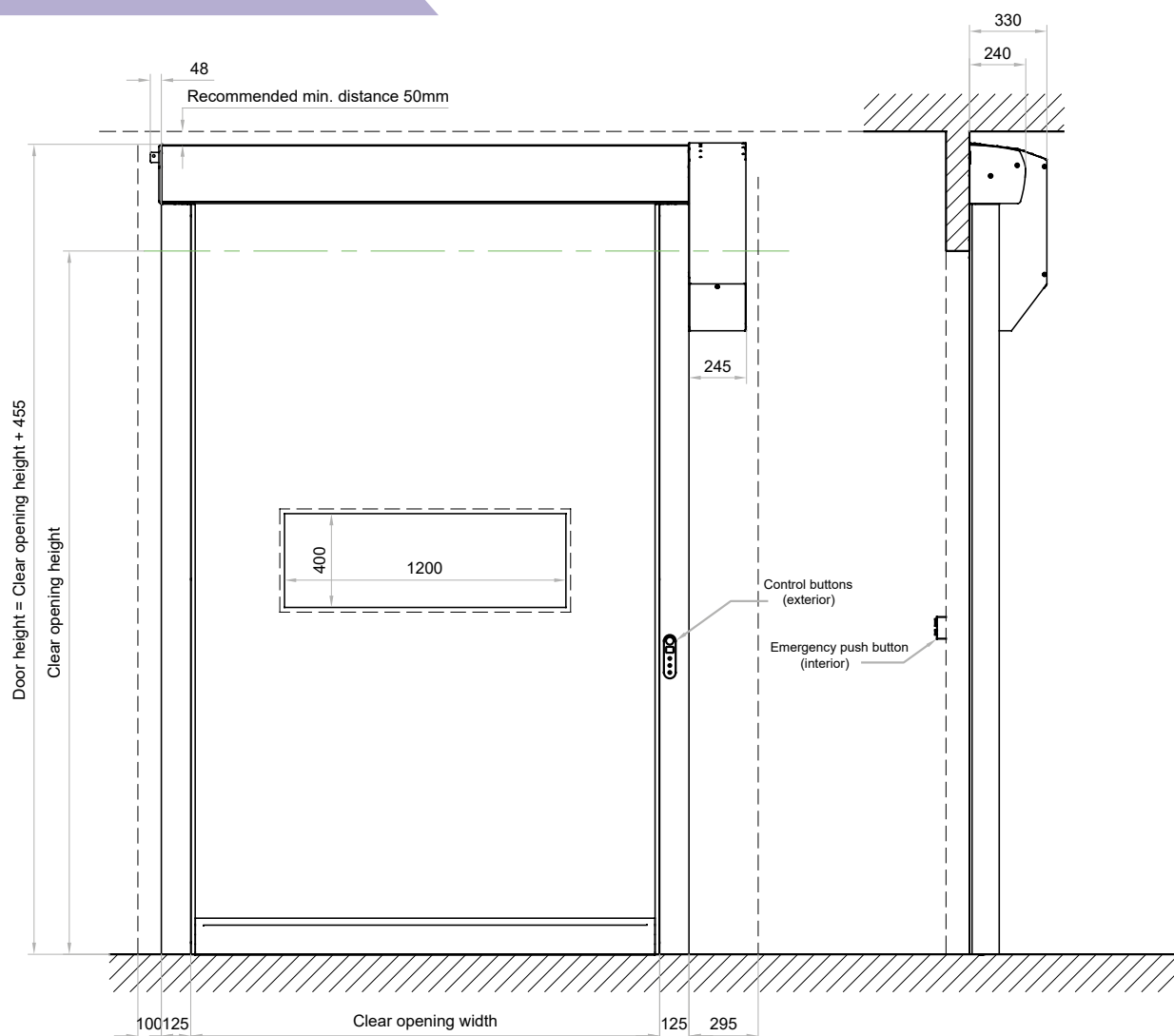


WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height
ANH: structural opening width = Clear opening width

OVERALL DIMENSIONS

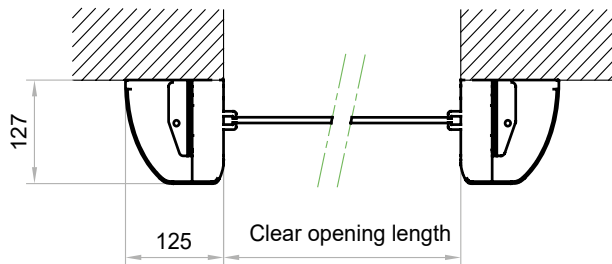


All dimensions are in millimeters

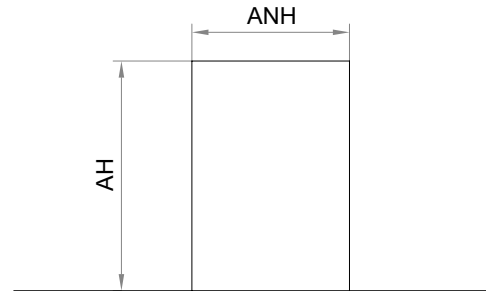
Chiller

HIGH SPEED DOOR FOR COLD ROOMS

ANCHOR BOLT AND GUIDE



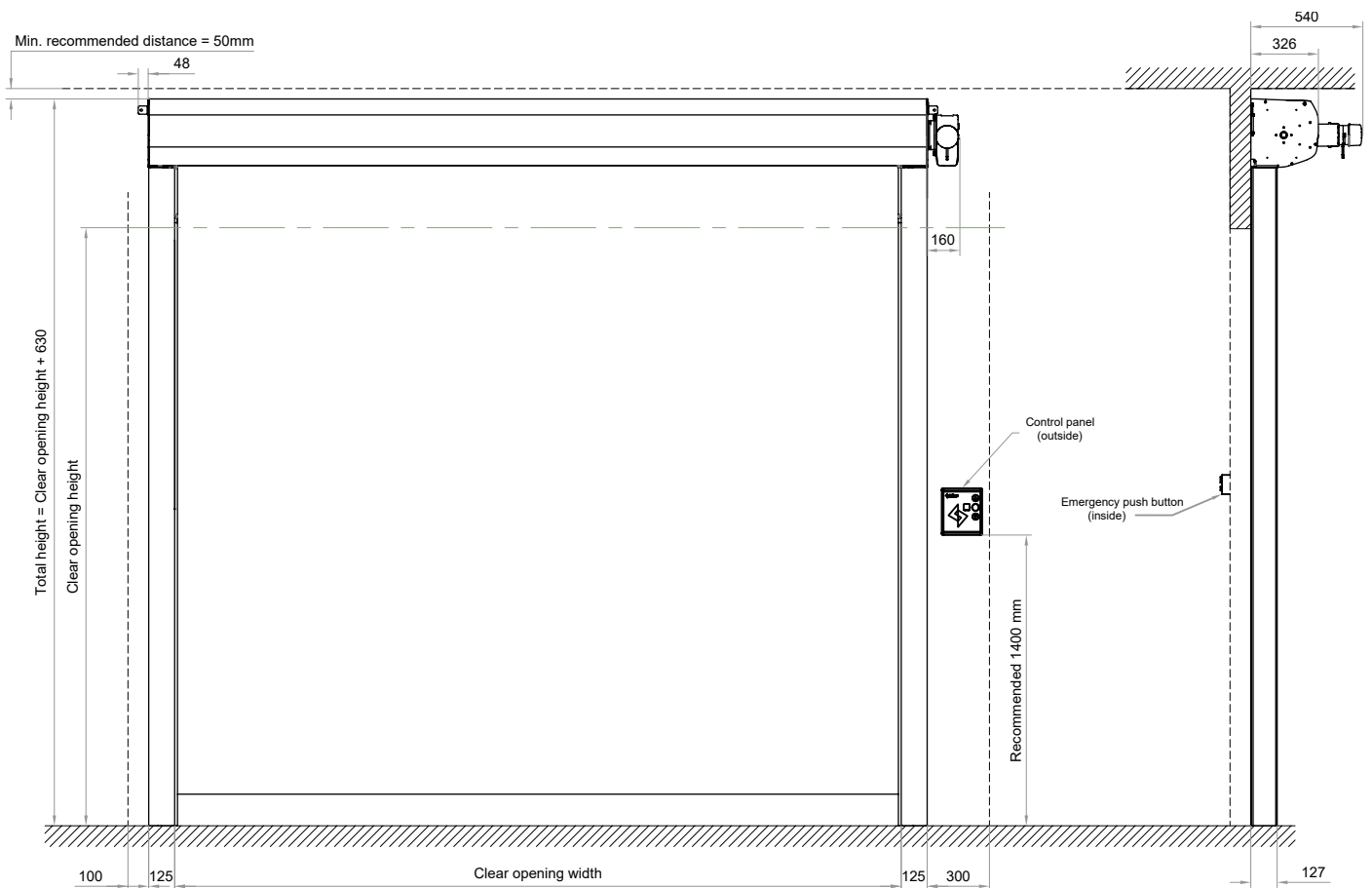
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

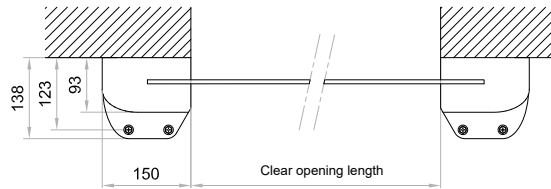
OVERALL DIMENSIONS



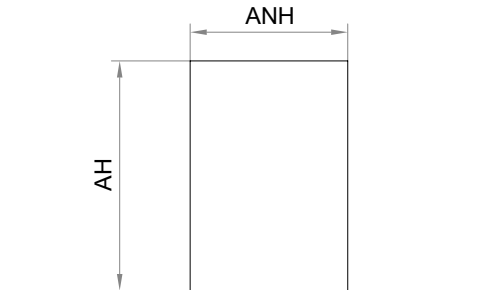
Freezer

HIGH SPEED DOOR FOR COLD ROOMS

ANCHOR BOLT AND GUIDE



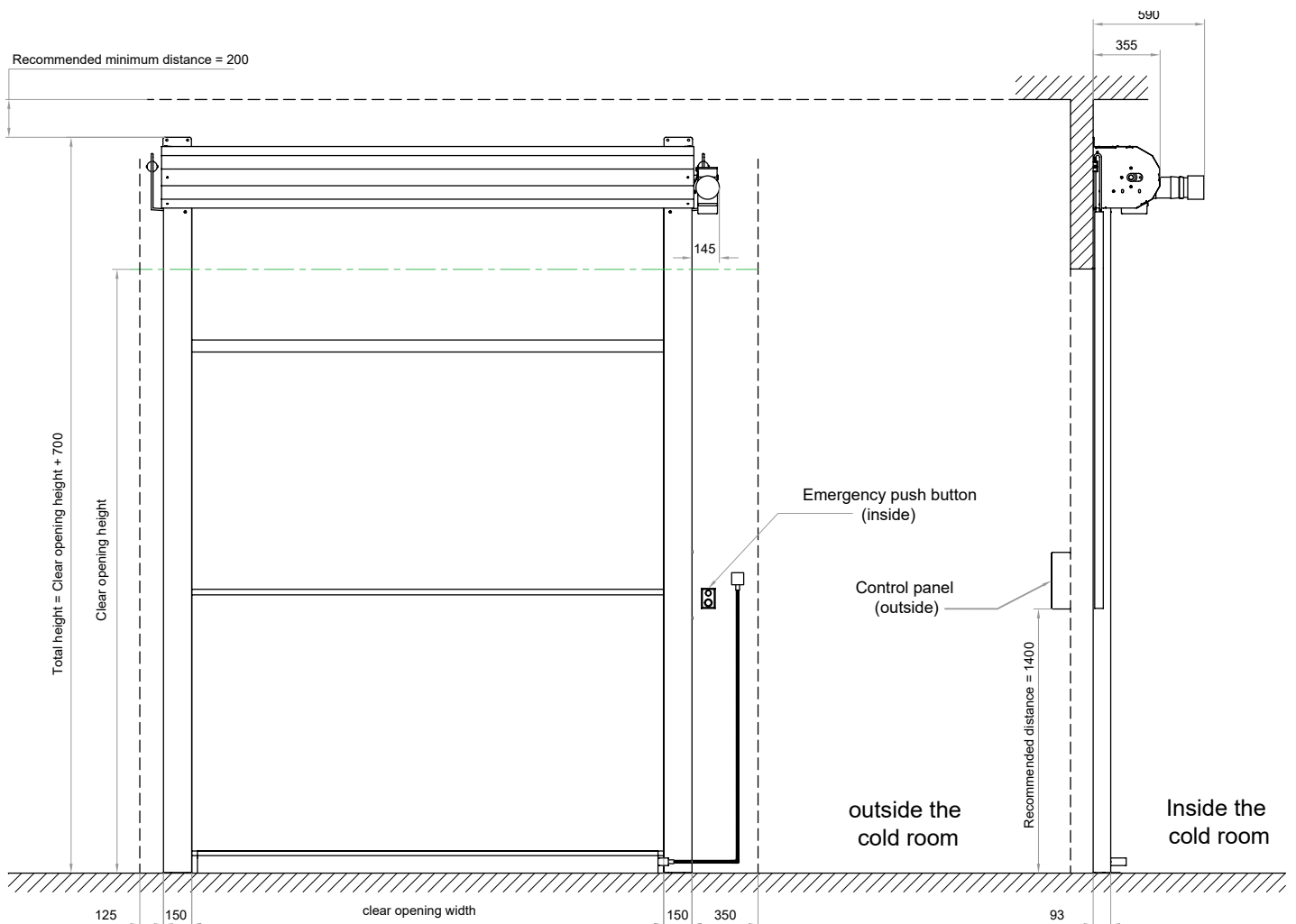
WALL OPENING DIMENSIONS



AH: structural opening height = Clear opening height

ANH: structural opening width = Clear opening width

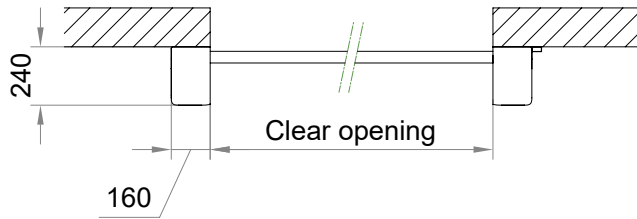
OVERALL DIMENSIONS



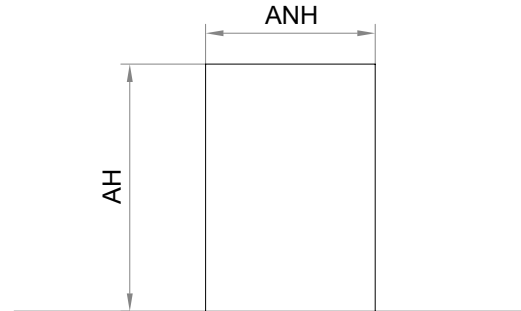
Fold up

FOLD UP DOOR

ANCHOR BOLT AND GUIDE

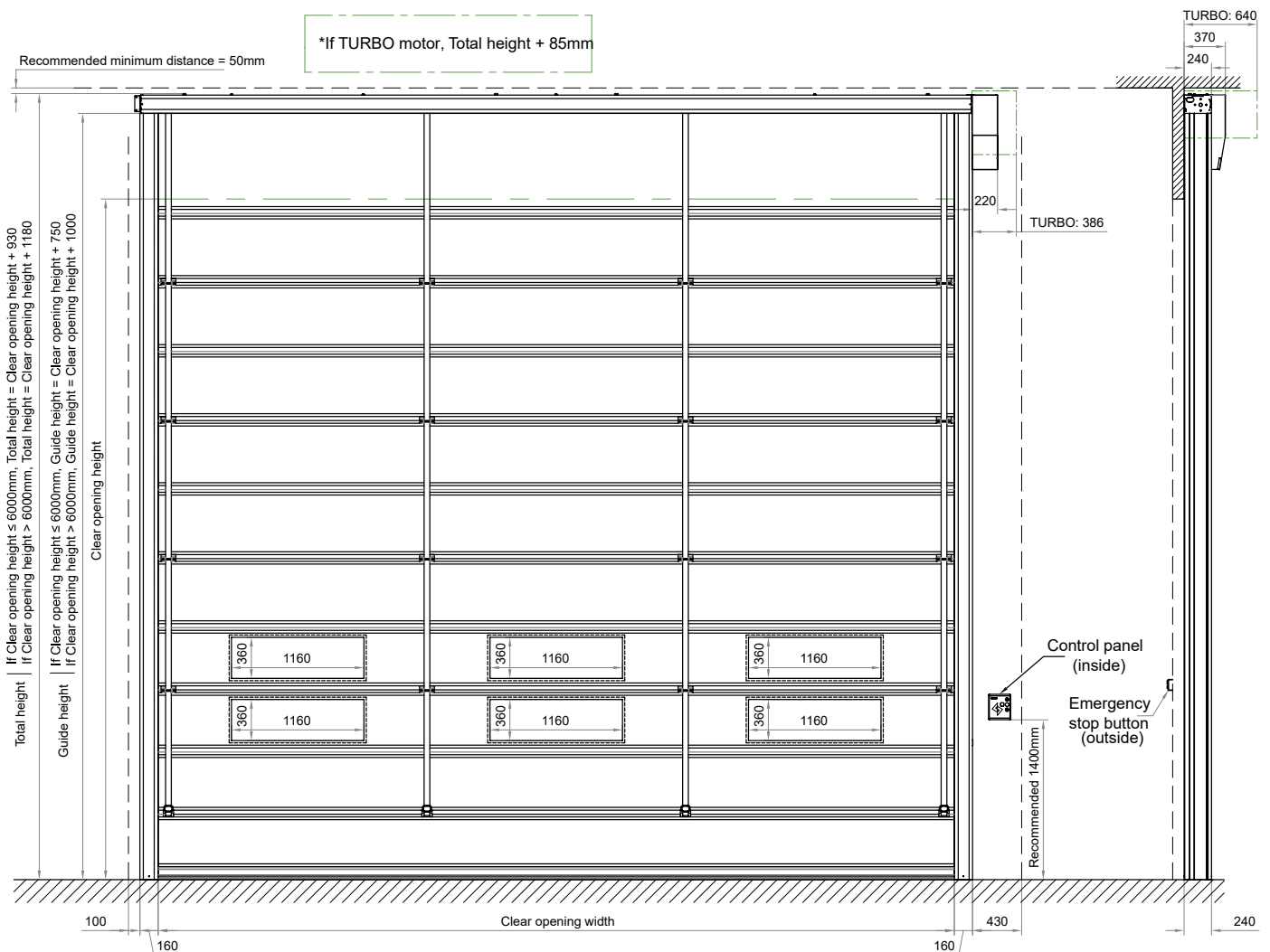


WALL OPENING DIMENSIONS



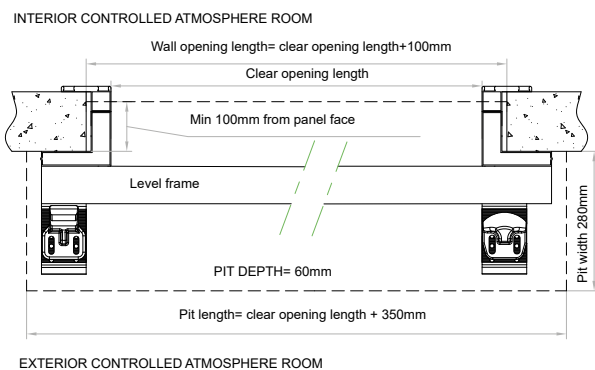
AH: structural opening height = Clear opening height
ANH: structural opening width = Clear opening width

OVERALL DIMENSIONS

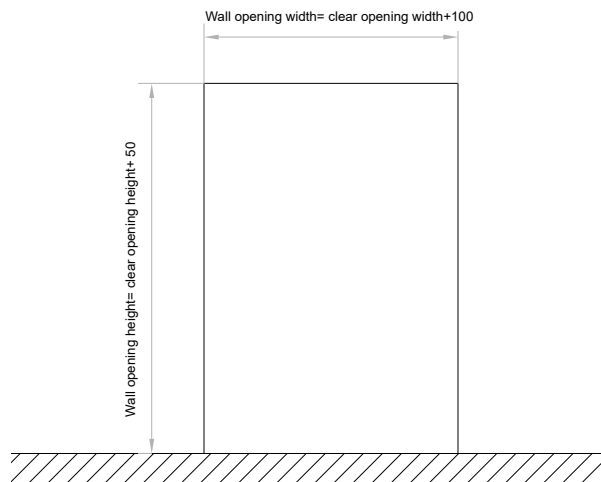


SLIDING DOOR FOR CONTROLLED ATMOSPHERES

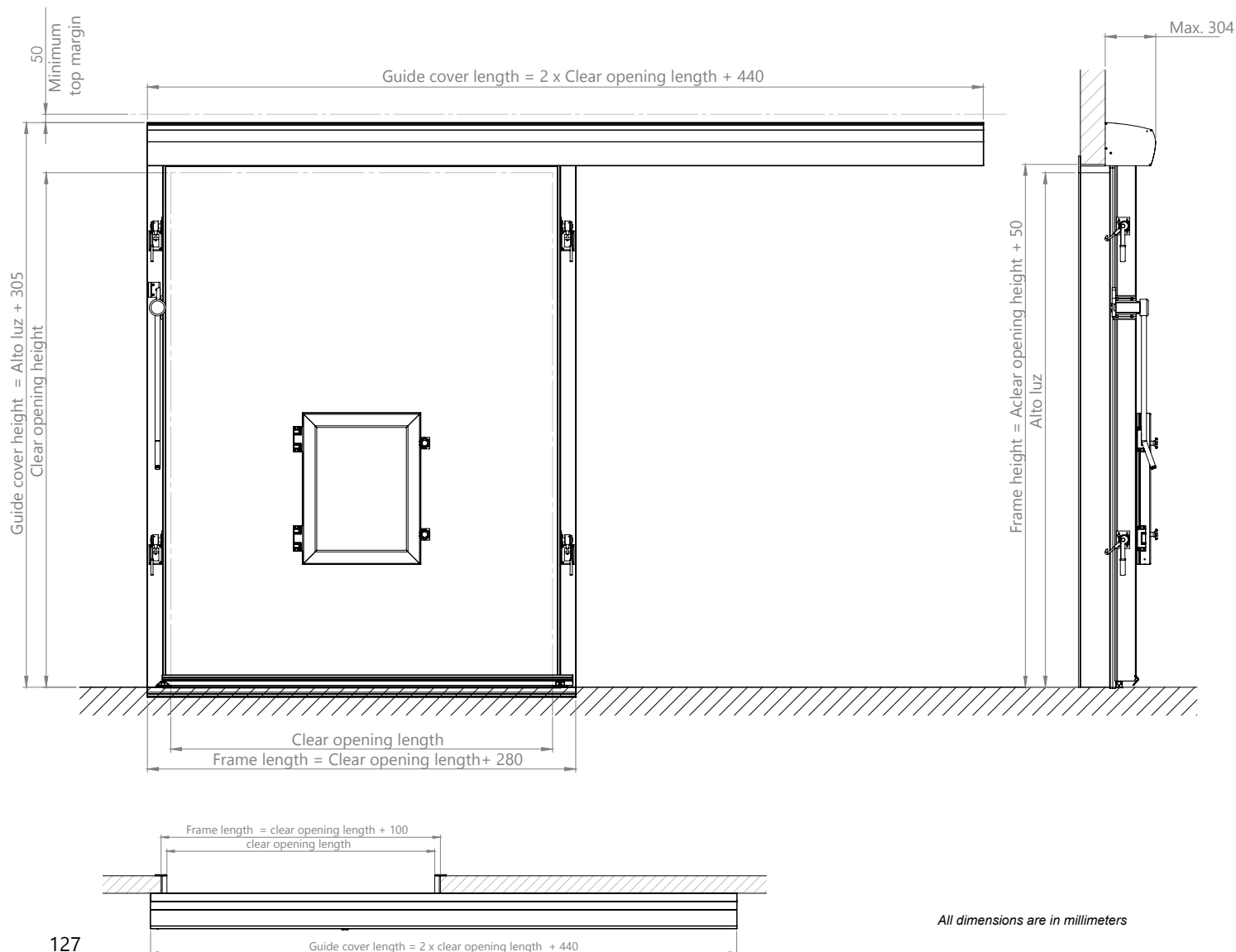
PIT DIMENSIONS



WALL OPENING DIMENSIONS



OVERALL DIMENSIONS



All dimensions are in millimeters

Overhead rail system

NORMAL CUTOUT FOR 002 DOORS

OVERALL DIMENSIONS

Note: The consoles protrude 3 mm from each end of the guideway cover

In CLASSIC version, the guide sticks out of the frame 70mm.

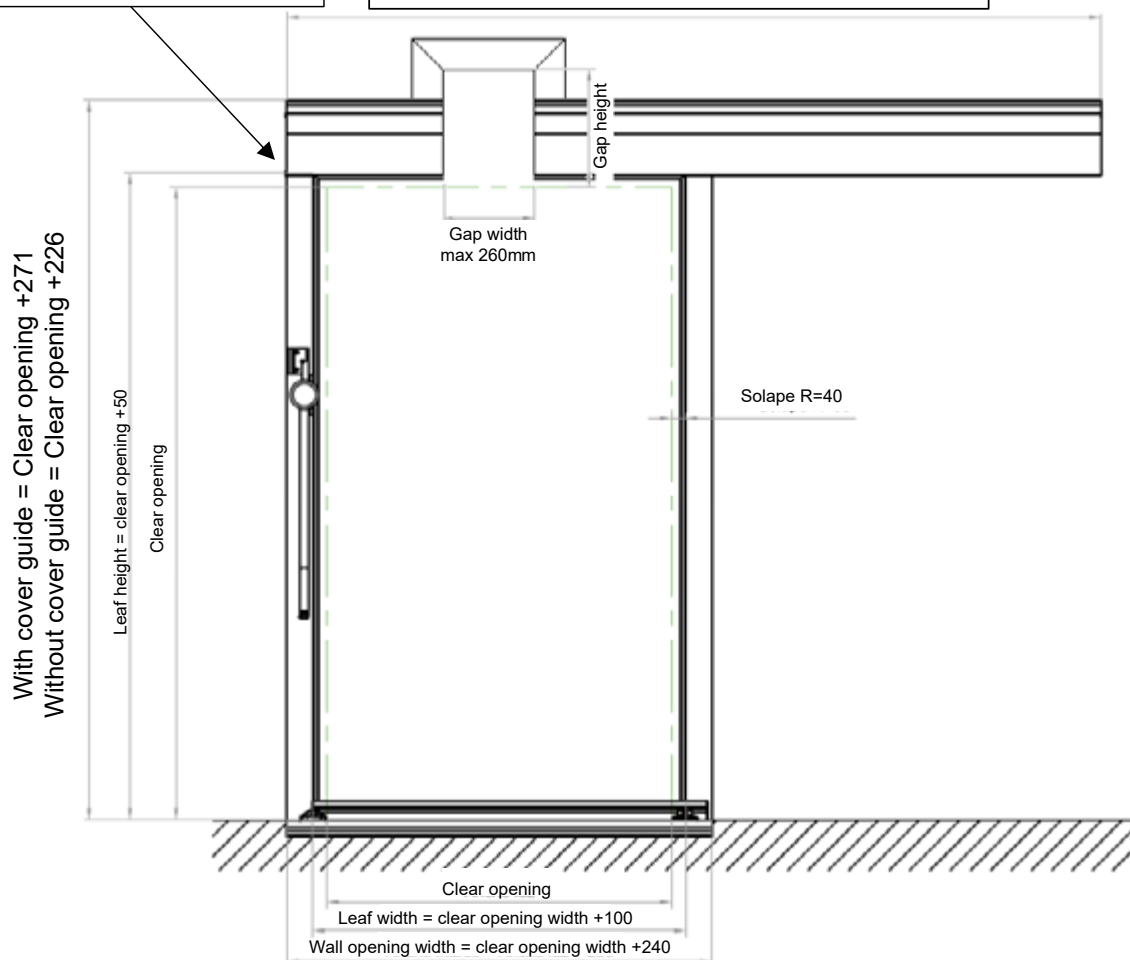
In the SUPERIOR version, the guide is aligned with the frame.

Manual Classic Version = $(2 \times \text{Clear opening}) + 465$

Automated Classic Version = $(2 \times \text{Clear opening}) + 760$

Manual Superior Version = $(2 \times \text{Clear opening}) + 275$

Automated Superior Version = $(2 \times \text{Clear opening}) + 570$



Overhead rail system

NORMAL CUTOUT FOR IF DOORS

OVERALL DIMENSIONS

Note: The consoles protrude 3 mm from each end of the guideway cover

In CLASSIC version, the guide sticks out of the frame 70mm.

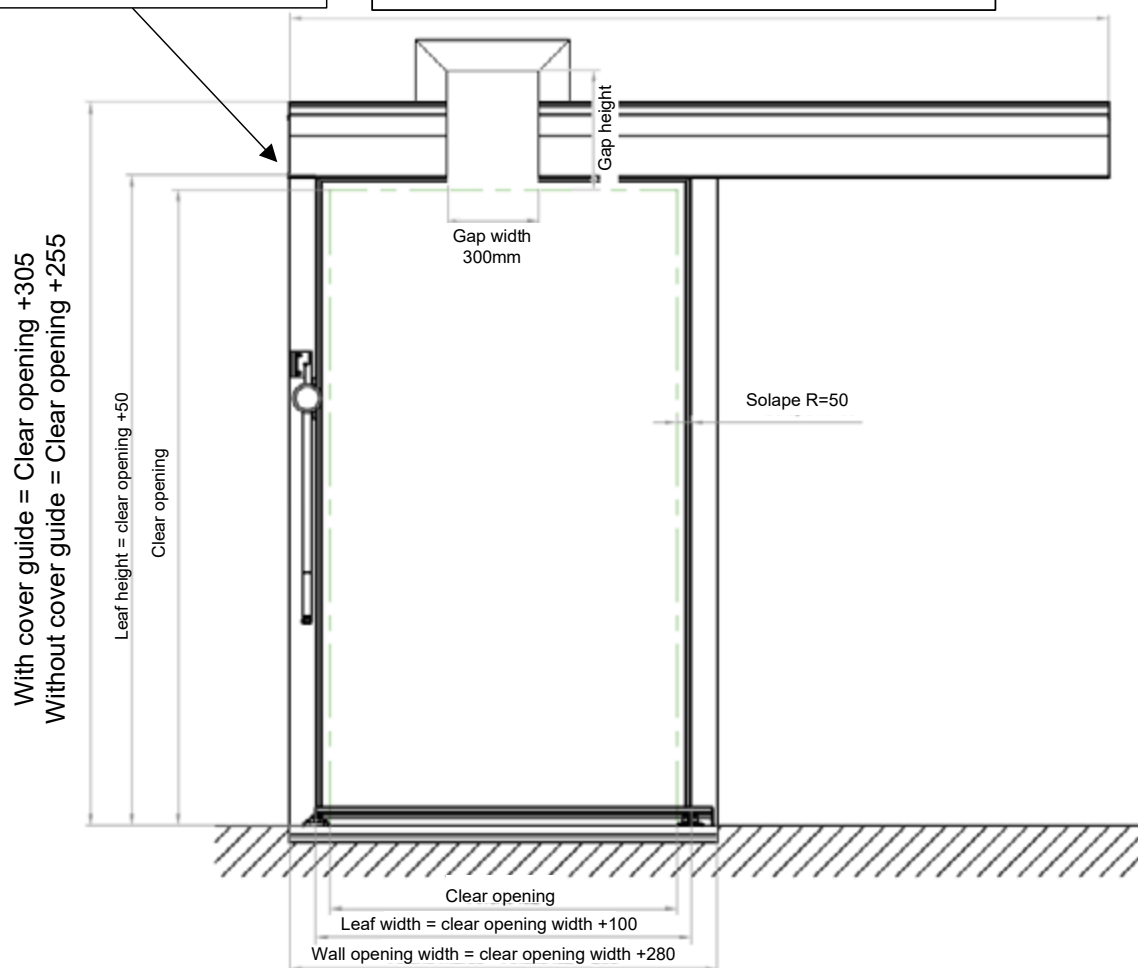
In the SUPERIOR version, the guide is aligned with the frame.

Manual Classic Version = $(2 \times \text{Clear opening}) + 610$

Automated Classic Version = $(2 \times \text{Clear opening}) + 895$

Manual Superior Version = $(2 \times \text{Clear opening}) + 335$

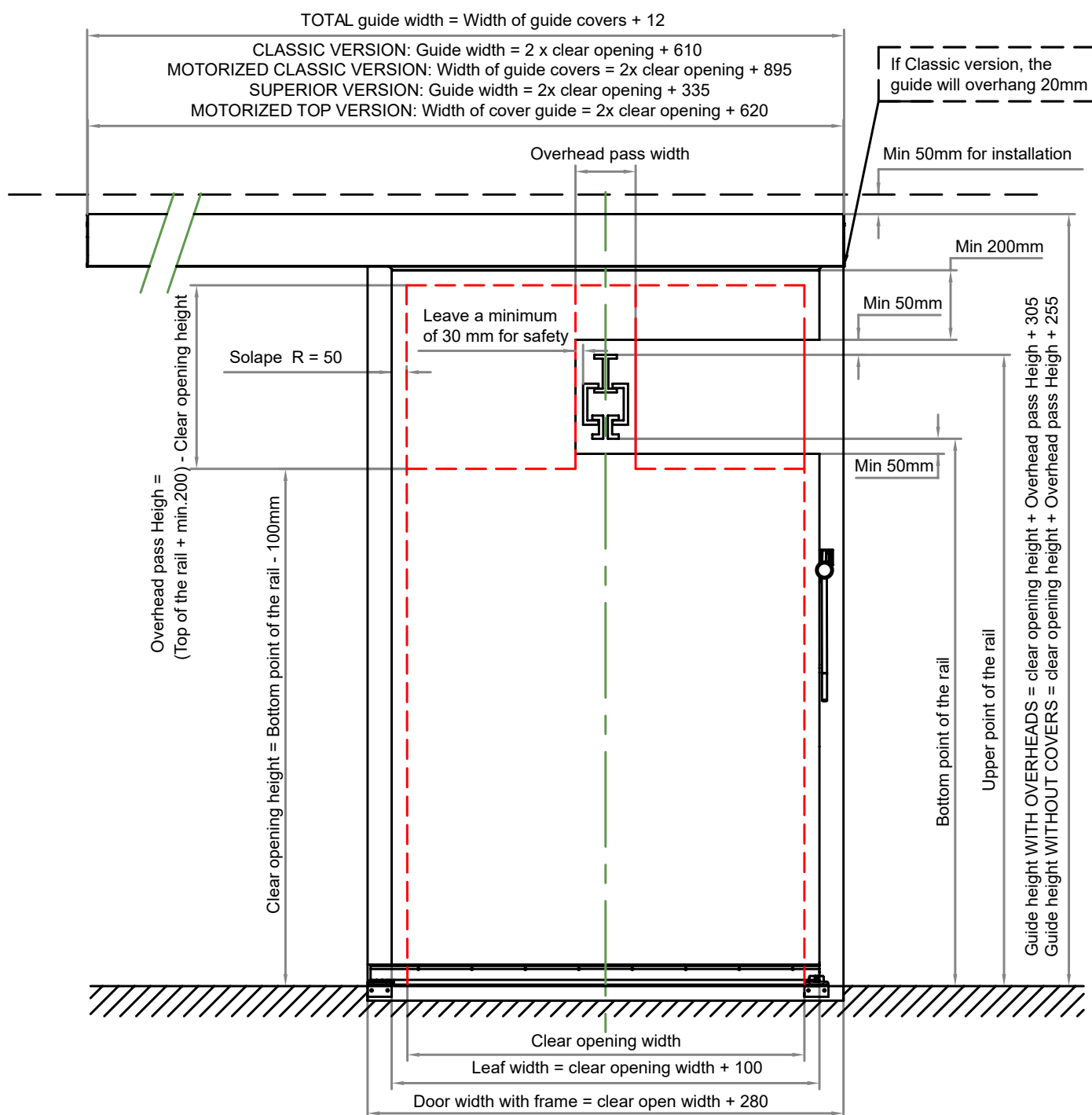
Automated Superior Version = $(2 \times \text{Clear opening}) + 620$



Overhead rail system

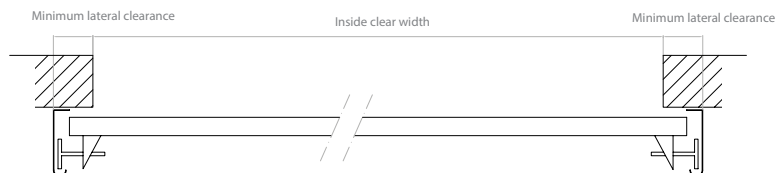
FRENCH CUTOUT FOR IF DOORS

OVERALL DIMENSIONS

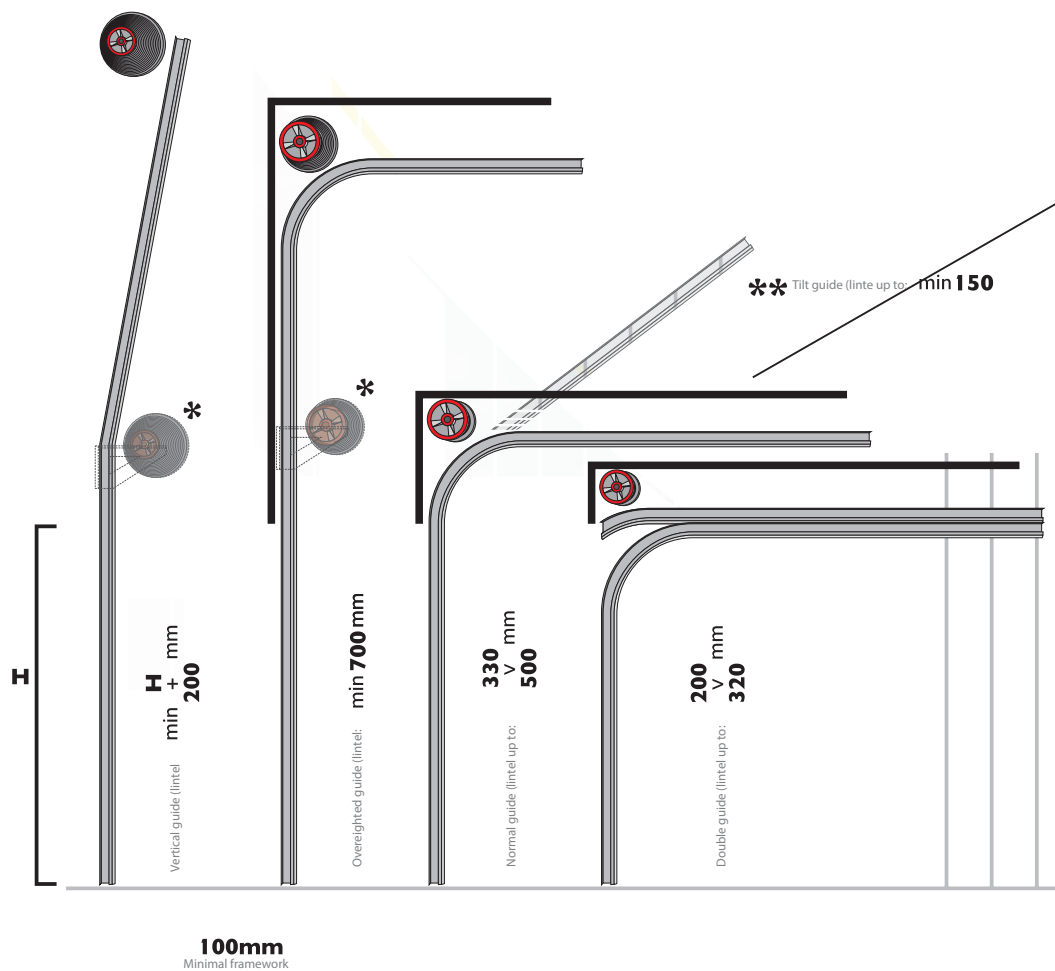


Sectional door

PIT DIMENSIONS

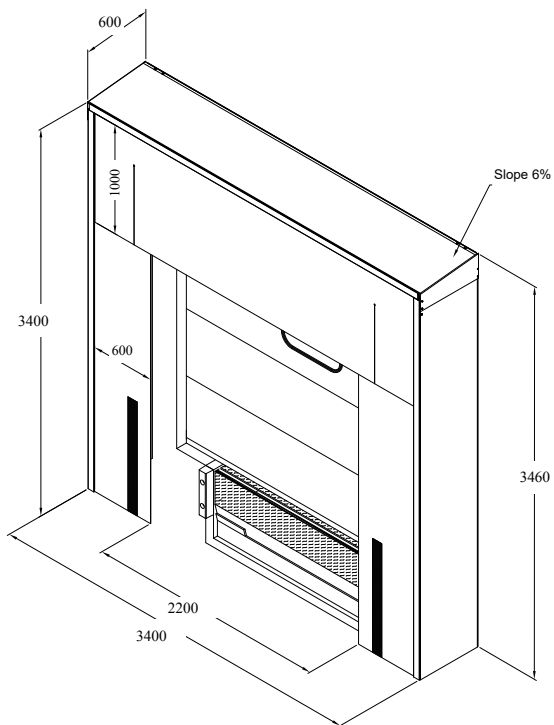


GENERIC DIMENSIONS

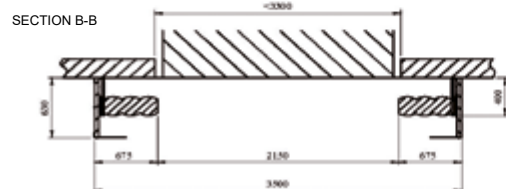
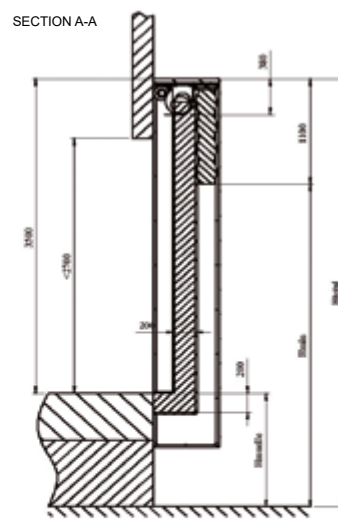
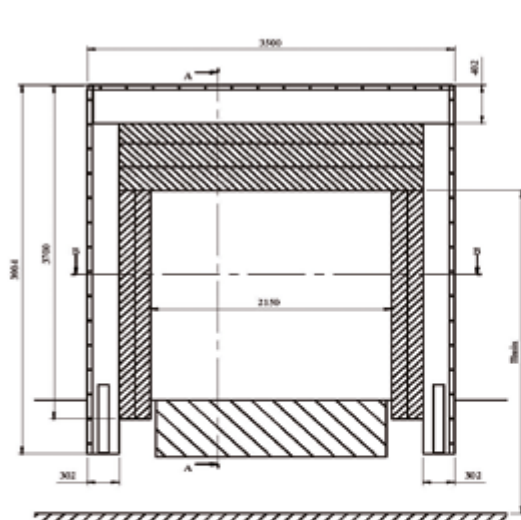


Dock shelter

OVERALL DIMENSIONS DOCK SHELTER



OVERALL DIMENSIONS

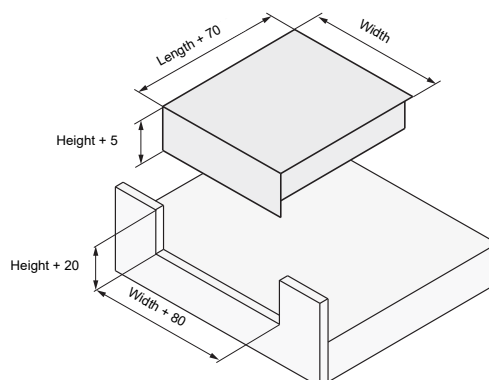
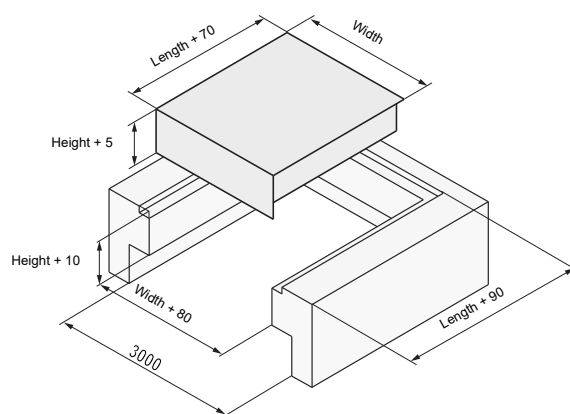
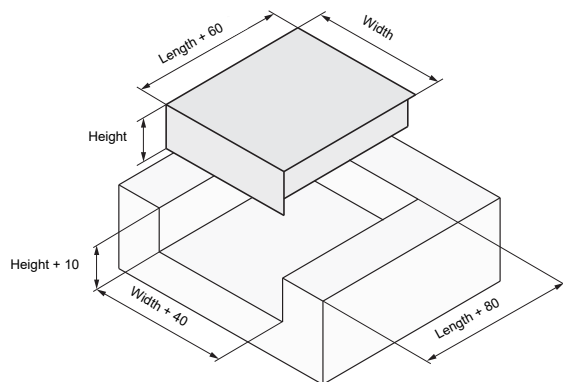


L ₀ Superior Canvas 1000mm			
H dock [mm]	Hmin [mm]	Hmax [mm]	Htotal [mm]
1000	3500	4000	4500
1100	3600	4100	4600
1200	3700	4200	4700
1300	3800	4300	4800
1400	3900	4400	4900

Superior Canvas 1500mm			
H dock [mm]	Hmin [mm]	Hmax [mm]	Htotal [mm]
1000	3000	4000	4500
1100	3100	4100	4600
1200	3200	4200	4700
1300	3300	4300	4800
1400	3400	4400	4900

Dock levellers

OVERALL DIMENSIONS



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