

Rapid doors, Sectional overhead doors, Loading points and Coibent curtains





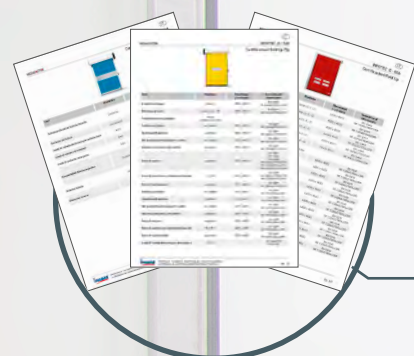
FULL RANGE OF ACCESSORIES

 PG. 32



ANTI DUST CONTROL BOX IP66

CUSTOMIZED SOLUTIONS

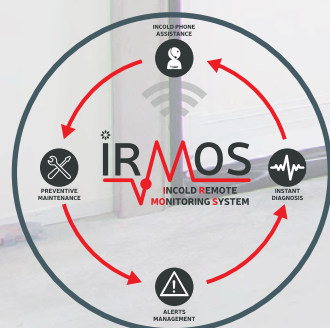


CERTIFICATIONS



ASSISTANCE & SUPPORT

service@incold.it



REMOTE CONTROL (option) 4.0 ready

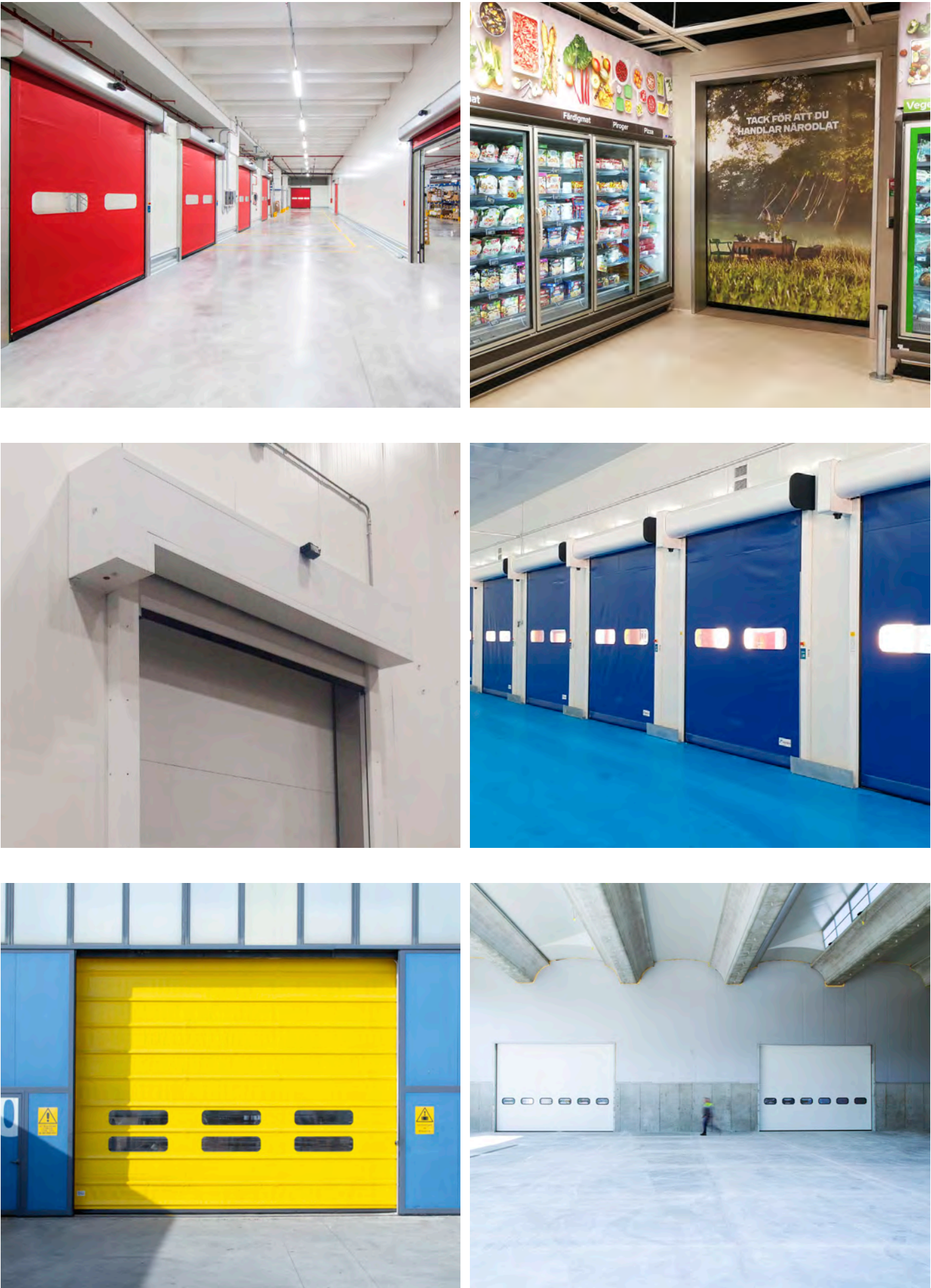
 PG. 30



INTEGRATED KEYBOARD IP66



SELF-REPAIRING RAPID ROLL-UP DOORS		Page
ZIP series - Mantle sliding on PVC zips		
• ZIP	Frame in white pre-painted steel	6
• ZIP-AL	Frame in white aluminium	7
• ZIP-IX	Frame and cover in 304 stainless steel	7
ZIP ISO 7 - Mantle sliding on PVC zips, ISO 7 fabric and double winding shaft		8
ZIP K series - Mantle sliding on PVC zips and motor housed in the winding tube		
• ZIP K	Frame in white pre-painted steel	10
• ZIP K-AL	Frame in white aluminium	11
• ZIP K-IX	Frame and cover in 304 stainless steel	11
GLIDE series - Free sliding on PVC guides		
• GLIDE	Frame in white pre-painted steel	12
• GLIDE-AL	Frame in white aluminium	13
• GLIDE-IX	Frame and cover in 304 stainless steel	13
GLIDE K series - Free sliding on PVC guides and motor housed in the winding tube		
• GLIDE K	Frame in white pre-painted steel	14
• GLIDE K-AL	Frame in white aluminium	15
• GLIDE K-IX	Frame and cover in 304 stainless steel	15
SPECIAL RAPID ROLL-UP DOORS		
PURA K series - Free sliding on grates for high hermetic sealing and motor housed in the winding tube		
• PURA K-IX	Frame and cover in 304 stainless steel and mantle compliant with food contact	16
FREEZER - 25°C series - Free sliding on PVC guides		
• FREEZER 1	Special mantle and anti-condensation heating system	18
• FREEZER 2	Double fabric and anti-ice and condensation hot air heater	20
RAPID FOLD-UP DOORS		
• FOLD	Plate frame and sheet with reinforcing tubes	22
INDUSTRIAL SECTIONAL DOORS		
• SZ	With 40 mm thick insulated panels	24
LOADING POINTS		
• PC T	On the ground	26
• PC B	On platform	26
INSULATED STRIP CURTAINS		
• COIBENT 8	With 8 mm insulating bearing	28
• COIBENT 26	With 26 mm insulating bearing	28





THE ZIP RAPID ROLL-UP DOOR is the most versatile of the Active range. The mantle provide with PVC zips, sliding on self-lubricating polyethylene guides and connect the sheet for the entire height of the door ensuring water tightness and wind resistance (class 3). The ZIP doors are self-repairing up to a width of 4000 mm.

ADVANTAGES

- ✓ Self-repairing up to width = 4000 mm.
- ✓ Electronics card housed in the motor
- ✓ Display built into the vertical upright
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Logistics
- ✓ Large scale distribution
- ✓ Refrigerated warehouses
- ✓ Laboratories
- ✓ Industry
- ✓ Food sector



Test	Result	Reference standards
Resistance to water penetration	Class 3	EN 12489
Wind resistance*	Class 3	EN 12444

*Dimension 4000x4000 mm / Other certifications: Infotec D-033

GENERAL TECHNICAL FEATURES

Max dimension	L 5000 x H 5000 mm, other sizes are possible. Contact the technical office of Incold	
Frame	Galvanised steel base, 12/10 Pre-painted steel cover, 8/10, RAL 9010 (other colours on request) Anti-rust drain shoes <i>opt:</i> ZIP-AL: Aluminium * <i>opt:</i> ZIP-IX: 304 10/10 stainless steel base and 304 8/10 stainless steel cover *	
Winding shaft	Aluminium Ø 114 mm	
Maximum speed	<i>opening:</i> up to 1.2 m/s (adjustable) <i>closing:</i> 0.8 m/s	
Fabric	PVC 900 g/m ² with a window row <i>opt:</i> Insulated 1300 g/m ² RAL: 5010 - 9010 - 7038	
Sliding	Guides made of self-lubricating material PVC zips welded onto the sheet	
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth <i>opt:</i> Remote control with IR MOS system	
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm	
Wiring	Door supplied pre-wired	
Emergency opening	Manual handle <i>opt:</i> Counterweight system <i>opt:</i> Continuity unit (UPS)	
Operating temperature	Not suitable to separate chiller and freezer environments. Check the application conditions, R.H. % and thermal delta to prevent condensation of the sheet <i>Insulation kit: gasket, thermal break and seals behind uprights as standard</i>	

* Models on the next page

AVAILABLE COLOUR/RAL (900 g/m² fabric) standard

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

AVAILABLE COLOUR/RAL (1300 g/m² fabric) option

5010	9010	7038
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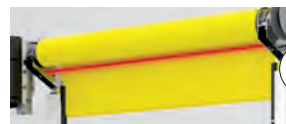
standard SAFETY SYSTEMS

• PHOTOELECTRIC SYSTEM

- for doors with: L ≤ 2000 and H ≤ 3500 with 900g/m² fabric

Certified system with photo-electric cell to detect that the sheet is rolling properly

Photoelectric cell (RX+TX)



Primary safety



Secondary safety

• OPTICAL BARRIERS

- for doors with: L > 2000 or H > 3500 with 900g/m² fabric
- for doors with 1300 g/m² fabric



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)

• OPTION SAFETY EDGE

Wireless safety edge

Photoelectric cell (RX+TX)

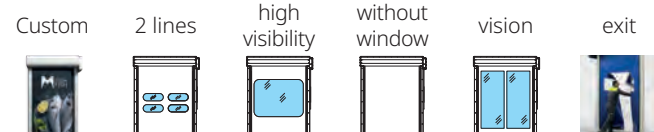


Primary safety



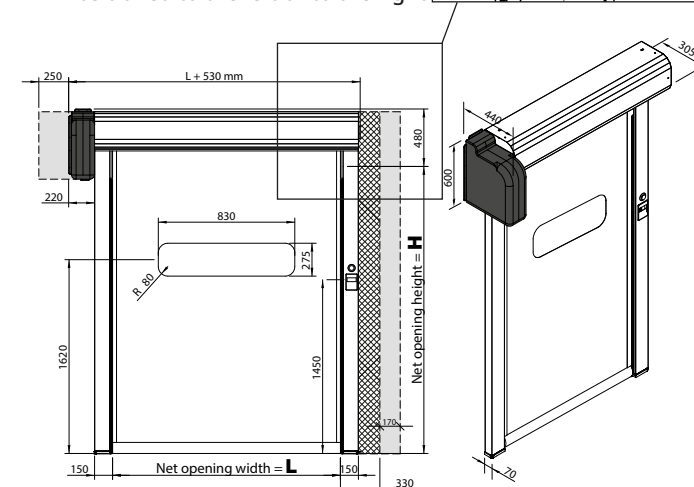
Secondary safety

FABRIC OPTIONS



DIMENSIONS

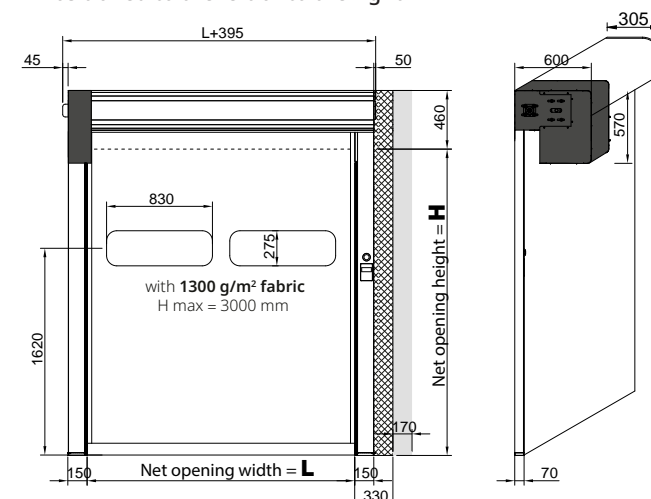
Side motor:
Positioned to the left or to the right



- opt:* Counterweight system
- extra space for installation/maintenance

for H ≥ 3000 with 1300 g/m² fabric

opt: **Front motor:**
Positioned to the left or to the right



- opt:* Counterweight system
- extra space for installation/maintenance

OTHER MODELS

ZIP-AL

The ZIP-AL roll-up door is a variation of the ZIP, featuring an extruded aluminium frame and snap-on profiles without securing screws.



APPLICATIONS

- ✓ Logistics
- ✓ Large scale distribution
- ✓ Refrigerated warehouses
- ✓ Laboratories
- ✓ Industry
- ✓ Food sector

TECHNICAL FEATURES

Frame	Aluminium
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ZIP-IX

The ZIP IX rapid roll-up door is a variation of the ZIP, designed for the food sector and aggressive environments. Featuring a stainless steel frame and a stainless steel cover (uprights and box).



APPLICATIONS

- ✓ Food industry
- ✓ Aggressive environments
- ✓ Kitchens
- ✓ Laboratories
- ✓ Clean rooms

TECHNICAL FEATURES

Frame	304 10/10 stainless steel base 304 8/10 stainless steel cover
Winding shaft	Anodised aluminium with AISI 304 ends and PE-inox bearings
Motorgear	Complete with electromagnetic brake and absolute encoder with cataphoresis coating and stainless steel hollow shaft



THE ZIP ISO 7 RAPID ROLL-UP DOOR is characterised by high thermal insulation thanks to the 7 mm thick ISO 7 insulated fabric. The mantle provide with PVC zips, sliding on self-lubricating polyethylene guides and connect the sheet for the entire height of the door. The ZIP ISO 7 doors are self-repairing up to a width of 4000 mm.

Insulation kit: gasket, thermal break and seals behind uprights as standard

ADVANTAGES

- ✓ Self-repairing up to width = 4000 mm.
- ✓ Electronics card housed in the motor
- ✓ Display built into the vertical upright
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Logistics
- ✓ Large scale distribution
- ✓ Refrigerated warehouses
- ✓ Laboratories
- ✓ Industry
- ✓ Food sector



GENERAL TECHNICAL FEATURES

Max dimension	L 4000 x H 4000 mm
Frame	Galvanised steel base, 12/10 Pre-painted steel cover, 8/10, RAL 9010 (other colours on request) Anti-rust drain shoes <i>opt:</i> ZIP ISO 7-IX: 304 10/10 stainless steel base and 304 8/10 stainless steel cover
Winding shaft	2 aluminium winding shafts Ø 114 mm
Velocità massima	<i>opening:</i> up to 1.2 m/s (adjustable) <i>closing:</i> 0.8 m/s
Fabric	ISO 7 PVC 1500 g/m ² , thickness 7 mm RAL 5010
Sliding	Guides made of self-lubricating material PVC zips welded onto the sheet
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle <i>opt:</i> Continuity unit (UPS)
Operating temperature	Check the application conditions, R.H. % and thermal delta to prevent condensation of the sheet <i>opt:</i> heating cable with thermostat

• OPTION HEATING CABLE WITH THERMOSTAT

Heating cable with thermostat (anti-condensation) recommended for anteroom applications (> 0°C)



standard SAFETY SYSTEMS

• OPTICAL BARRIERS



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)

• OPTION SAFETY EDGE

Wireless safety edge



Primary safety

Photoelectric cell (RX+TX)

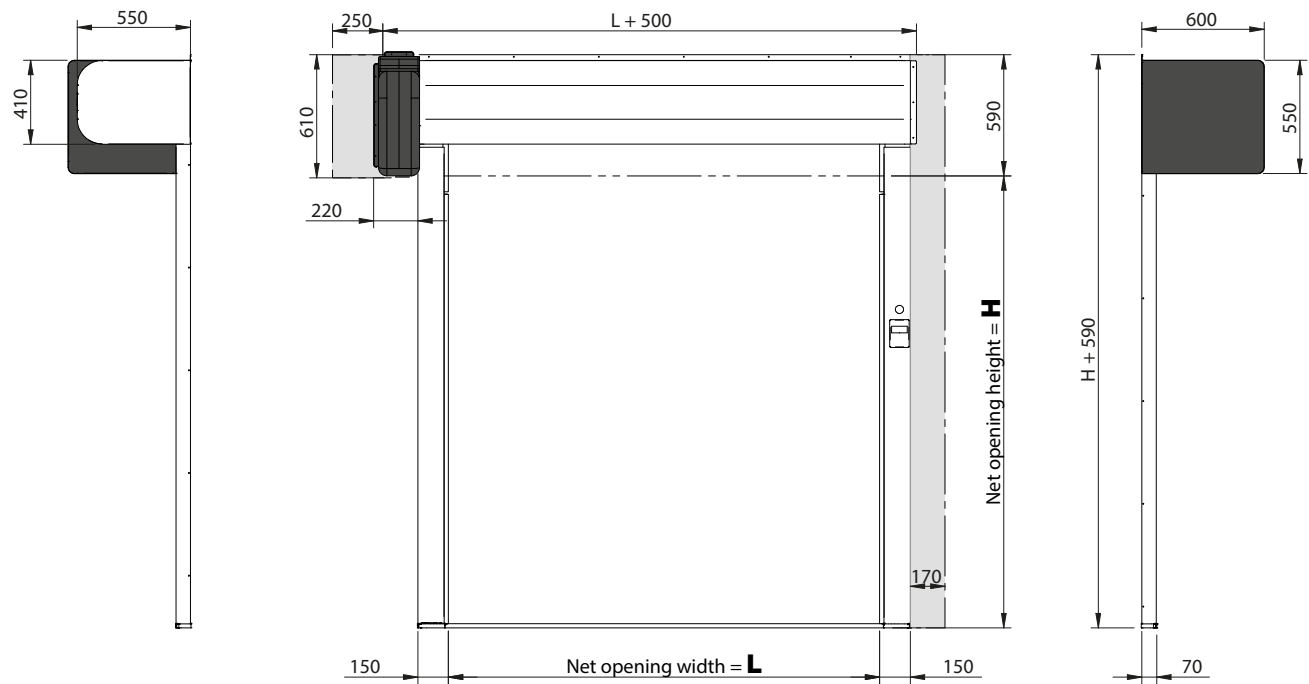


Secondary safety



Gasket and back thermal break

DIMENSIONS



extra space for installation/maintenance



THE ZIP K RAPID ROLL-UP DOOR is high-speed ZIP door with a space saving design. The mantle has PVC zips that slide on self-lubricating polyethylene guides and connect the sheet for the entire height of the door ensuring water tightness and wind resistance (class 3). The "K" line features a motor housed inside the winding tube, which allows installation in corridors and any other limited space, and the opening speed is increased to 2.3 m/s.

ADVANTAGES

- ✓ Self-repairing
- ✓ Space saving design - no obstructions from the sides and front
- ✓ Motor hidden in the winding shaft
- ✓ Opening speed 2.3 m/s
- ✓ Openable casing with inspection door

APPLICATIONS

- ✓ Shop sales area
- ✓ Supermarkets
- ✓ Incold Panorama Box
- ✓ Food sector



Test	Result	Reference standards
Resistance to water penetration	Class 3	EN 12489
Wind resistance*	Class 3	EN 12444

*Dimension 4000x4000 mm

GENERAL TECHNICAL FEATURES

Minimum net opening width	900 mm (1000 mm if optical barriers are installed)	
Max dimension	L 3000 x H 3000 mm	
Frame	12/10 galvanised steel base Pre-painted cover, 8/10, RAL 9010 (other colours on request) Anti-rust drain shoes <i>opt:</i> ZIP K-AL: Aluminium * <i>opt:</i> ZIP K-IX: 304 10/10 stainless steel base and 304 8/10 stainless steel cover *	
Winding shaft	Ø 250 mm	
Maximum speed	<i>opening:</i> up to 2.3 m/s (adjustable) <i>closing:</i> 0.8 m/s	
Fabric	PVC 900 g/m ² with a window row <i>opt:</i> Insulated 1300 g/m ² RAL: 5010 - 9010 - 7038	
Sliding	Guides made of self-lubricating material PVC zips welded onto the sheet	
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Motor position: housed inside the winding tube Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth <i>opt:</i> Remote control with irMos system	
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm	
Wiring	Door supplied pre-wired	
Emergency opening	Manual handle <i>opt:</i> Continuity unit (UPS)	
Operating temperature	Not suitable to separate chiller and freezer environments. Check the application conditions, R.H. % and thermal delta to prevent condensation of the fabric <i>Insulation kit: gasket, thermal break and seals behind uprights as standard</i>	

* Models on the next page

standard SAFETY SYSTEMS

• **OPTICAL BARRIERS**



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)

• **OPTION SAFETY EDGE**

Wireless safety edge



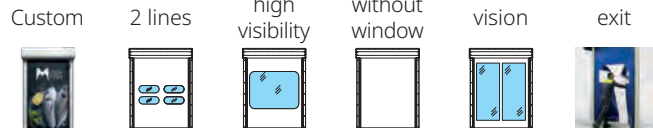
Primary safety

Photoelectric cell (RX+TX)



Secondary safety

FABRIC OPTIONS



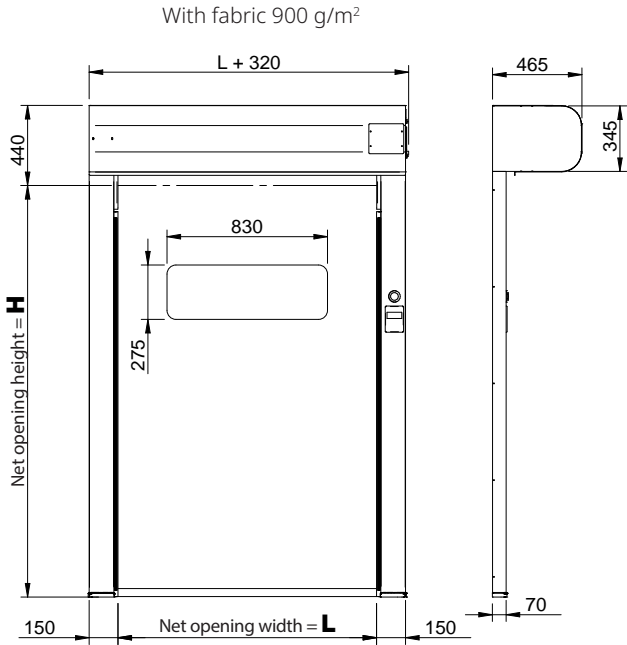
AVAILABLE COLOUR/RAL (900 g/m² fabric) standard

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

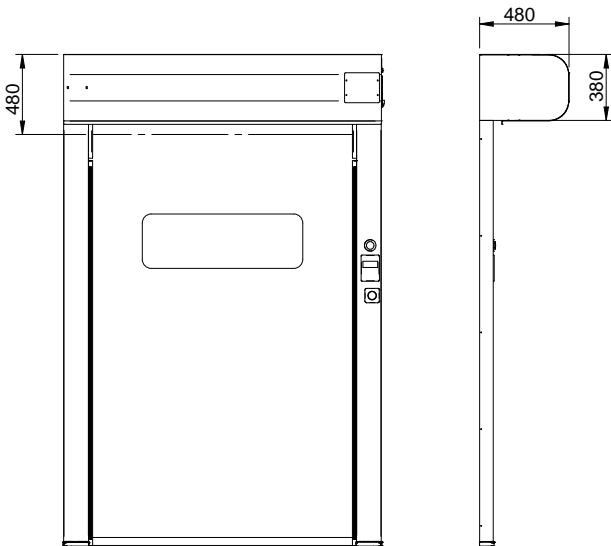
AVAILABLE COLOUR/RAL (1300 g/m² fabric) option

5010	9010	7038
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DIMENSIONS



With fabric 1300 g/m²



OTHER MODELS

ZIP K-AL

The ZIP K-AL roll-up door is a variation of the ZIP K, featuring an extruded aluminium frame and snap-on profiles without securing screws.



APPLICATIONS

- ✓ Logistics
- ✓ Large scale distribution
- ✓ Refrigerated warehouses
- ✓ Laboratories
- ✓ Industry
- ✓ Food sector

TECHNICAL FEATURES

Frame	Aluminium
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ZIP K-IX

The ZIP K-IX rapid roll-up door is a variation of the ZIP K, designed for the food sector, and specifically for aggressive environments. Featuring a stainless steel frame and a stainless steel cover (uprights and box).



APPLICATIONS

- ✓ Food industry
- ✓ Aggressive environments
- ✓ Kitchens
- ✓ Laboratories
- ✓ Clean rooms

TECHNICAL FEATURES

Frame	304 10/10 stainless steel base 304 8/10 stainless steel cover
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THE GLIDE RAPID ROLL-UP DOOR is suitable for applications in supermarkets and sales points; is silent and requires little maintenance. Consist of an enclosed mantle and lower aluminium alloy bar that slides freely in the guides. The lower bar goes back into the guides in the case of accidental impact.

ADVANTAGES

- ✓ Self-repairing
- ✓ Quietness
- ✓ Low maintenance
- ✓ Display built into the vertical upright
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Indoors
- ✓ Shop sales area
- ✓ Supermarkets
- ✓ Food sector



Test	Result	Reference standards
Protection against impact hazards	Compliant	EN 13241 EN 12453
Sound power	68.9dB	EN ISO 3746 EN ISO 11203

Other certifications: Infotec D-034

GENERAL TECHNICAL FEATURES

Max dimension	L 4000 x H 4000 mm
Frame	12/10 galvanised steel base Pre-painted 12/10 cover, RAL 9010 Anti-rust drain shoes <i>opt:</i> Skid to increase wind resistance <i>opt:</i> GLIDE-AL: Aluminium * <i>opt:</i> GLIDE-IX: 304 12/10 stainless steel base and 304 12/10 stainless steel cover *
Winding shaft	Aluminium Ø 114 mm
Maximum speed	<i>opening:</i> up to 1.2 m/s (adjustable) <i>closing:</i> 0.8 m/s
Fabric	PVC 900 g/m ² with a window row Stiffening pipes for L ≥ 2500 mm <i>opt:</i> Insulated 1300 g/m ² RAL: 5010 - 9010 - 7038
Sliding	Sliding brushes
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth <i>opt:</i> Remote control with IR MOS system
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle <i>opt:</i> Counterweight system <i>opt:</i> Continuity unit (UPS)
Operating temperature	Not suitable to separate chiller and freezer environments. Check the application conditions, R.H. % and thermal delta to prevent condensation of the fabric <i>Insulation kit: gasket, thermal break and seals behind uprights as standard</i>

* Models on the next page

AVAILABLE COLOUR/RAL (900 g/m² fabric) standard

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

AVAILABLE COLOUR/RAL (1300 g/m² fabric) option

5010	9010	7038
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standard SAFETY SYSTEMS

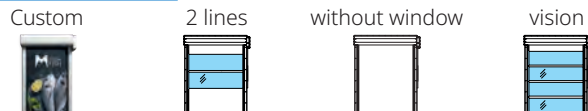
• **OPTICAL BARRIERS**



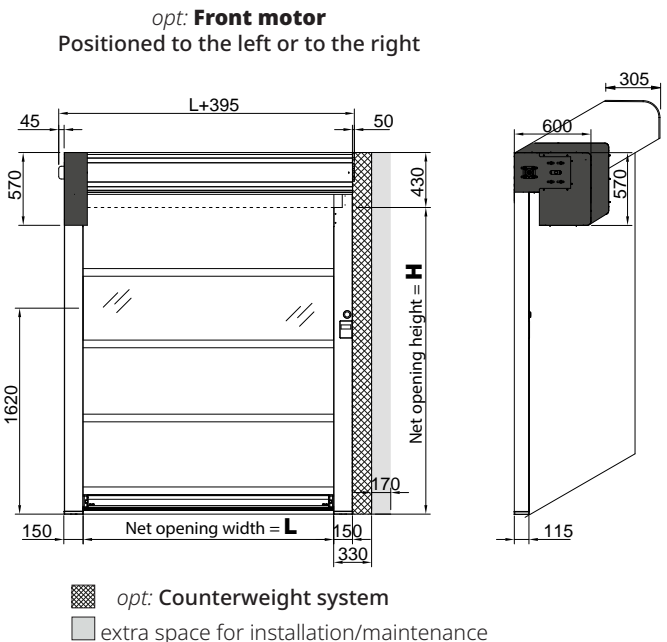
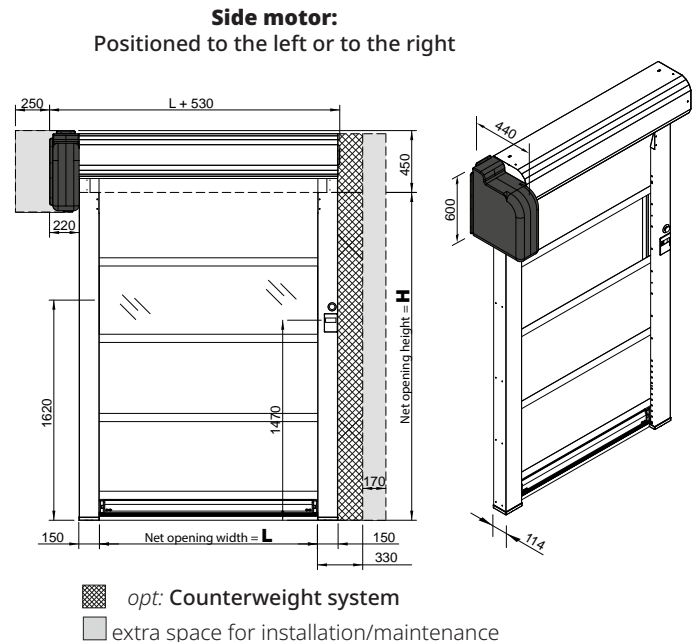
Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)



FABRIC OPTIONS



DIMENSIONS



OTHER MODELS

GLIDE-AL

The GLIDE-AL rapid roll-up door is a variation of the GLIDE featuring an extruded structure in aluminium monobloc.



APPLICATIONS

- ✓ Indoors
- ✓ Shop sales area
- ✓ Supermarkets
- ✓ Food sector

TECHNICAL FEATURES

Frame	Aluminium
-------	-----------

GLIDE-IX

The GLIDE-IX rapid roll-up door is a variation of the GLIDE, designed for the food sector, and specifically for aggressive environments. Frame and cover are in 304 stainless steel.



APPLICATIONS

- ✓ Food industry
- ✓ Aggressive environments
- ✓ Kitchens
- ✓ Laboratories
- ✓ Clean rooms

TECHNICAL FEATURES

Frame	304 12/10 stainless steel base 304 12/10 stainless steel cover
Winding shaft	Anodised aluminium with AISI 304 ends and PE-inox bearings
Motorgear	Complete with electromagnetic brake and absolute encoder with cataphoresis coating and stainless steel hollow shaft



THE GLIDE K RAPID ROLL-UP DOOR is suitable for applications in supermarkets and sales points; is silent and requires little maintenance. Consist of an enclosed mantle and lower aluminium alloy bar that slides freely in the guides. The lower bar goes back into the guides in the case of accidental impact. The "K" line features a motor housed inside the winding tube, which allows installation in corridors and any other limited space, and the opening speed is increased to 2.3 m/s.

ADVANTAGES

- ✓ Self-repairing
- ✓ Space saving design - no obstructions from the sides and front
- ✓ Motor hidden in the winding shaft
- ✓ Speed 2.3 m/s
- ✓ Maximum quietness
- ✓ Casing that can be opened, with inspection door

APPLICATIONS

- ✓ Indoors
- ✓ Shop sales area
- ✓ Incold Panorama Box
- ✓ Supermarkets
- ✓ Food sector



GENERAL TECHNICAL FEATURES

Minimum net free opening width	1000 mm <i>opt: GLIDE K-AL: 1200 mm *</i>
Max dimension	L 3000 x H 3000 mm
Frame	Galvanised steel base, 12/10 Pre-painted cover, 12/10, RAL 9010 Anti-rust drain shoes <i>opt: Skid to increase wind resistance</i> <i>opt: GLIDE K-AL: Aluminium *</i> <i>opt: GLIDE K-IX: 304 12/10 stainless steel base and 304 12/10 stainless steel cover *</i>
Winding shaft	Ø 250 mm
Maximum speed	<i>opening: up to 2.3 m/s (adjustable)</i> <i>closing: 0.8 m/s</i>
Fabric	PVC 900 g/m² with a window row Stiffening pipes for L ≥ 2500 mm <i>opt: Insulated 1300 g/m² RAL: 5010 - 9010 - 7038</i>
Sliding	Sliding brushes
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Motor position: housed inside the winding tube Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth <i>opt: Remote control with igmos system</i>
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle <i>opt: Continuity unit (UPS)</i>
Operating temperature	Not suitable to separate chiller and freezer environments. Check the application conditions, R.H. % and thermal delta to prevent condensation of the fabric <i>Insulation kit: gasket, thermal break and seals behind uprights as standard</i>

* Models on the next page

AVAILABLE COLOUR/RAL (900 g/m² fabric) standard

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

AVAILABLE COLOUR/RAL (1300 g/m² fabric) option

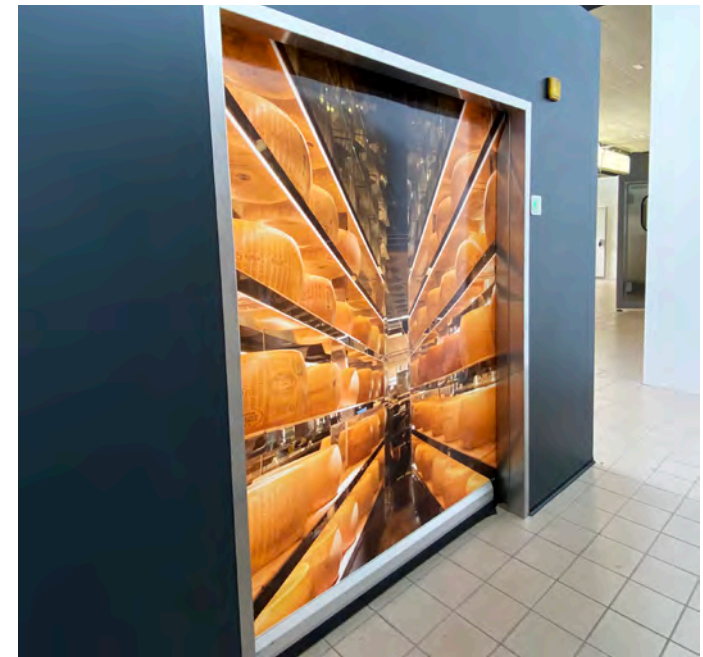
5010	9010	7038
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standard SAFETY SYSTEMS

• **OPTICAL BARRIERS**



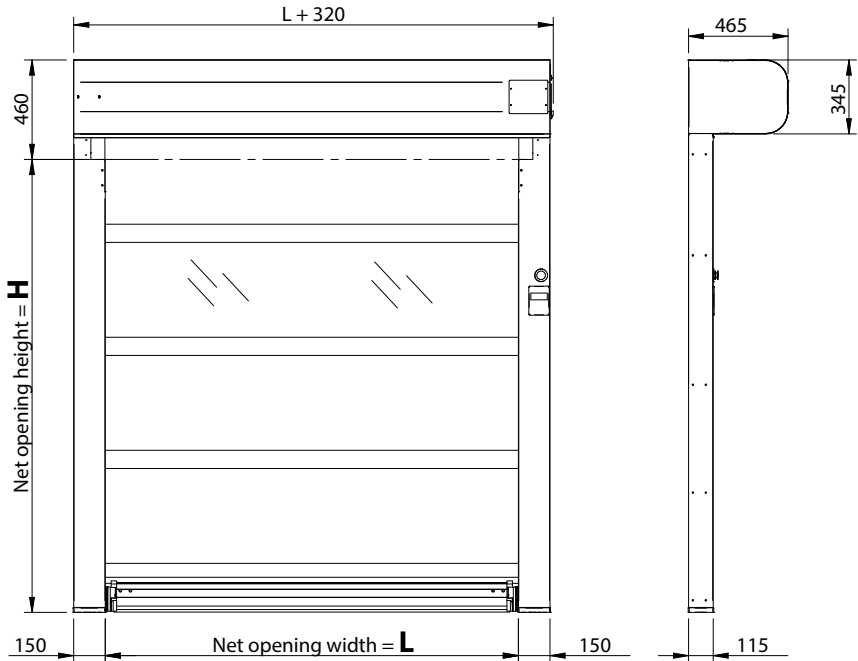
Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)



FABRIC OPTIONS



DIMENSIONS



OTHER MODELS

GLIDE K-AL

The GLIDE K-AL rapid roll-up door is a variation of the GLIDE K featuring an extruded structure in aluminium monobloc.



APPLICATIONS

- ✓ Logistics
- ✓ Large scale distribution
- ✓ Refrigerated warehouses
- ✓ Laboratories
- ✓ Industry
- ✓ Food sector

TECHNICAL FEATURES

Frame	Aluminium
-------	-----------

GLIDE K-IX

The GLIDE K-IX rapid roll-up door is a variation of the GLIDE K, designed for the food sector, and specifically for aggressive environments. Frame and cover are in 304 stainless steel.



APPLICATIONS

- ✓ Food industry
- ✓ Aggressive environments
- ✓ Kitchens
- ✓ Laboratories
- ✓ Clean rooms

TECHNICAL FEATURES

Frame	304 12/10 stainless steel base 304 12/10 stainless steel cover
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THE PURA K-IX RAPID ROLL-UP DOOR is characterised by the sheet sliding on grates. Designed to offer the maximum sealing for internal applications in areas where particular environmental and hygiene conditions must be maintained, such as laboratories, pharmaceutical industry buildings or food handling areas. The "K" line features a motor housed inside the winding tube, which allows installation in corridors and any other limited space, and the opening speed is increased to 2.3 m/s.

The 304 stainless steel structure ensures robustness and strength, even under high pressure washing. The PURA K-IX is designed to offer maximum seal, with pressure differences of up to 40 Pascal.

Hermetic seal ensured by:

- seal on the upper box to seal the sheet against the thrust of air pressure;
- seal on the lower part of the sheet for ground contact;
- grate system on the uprights , to prevent from the air going through, in the event of pressure/ depression on the sheet.



APPLICATIONS

- ✓ Indoors
- ✓ Pharmaceutical industry
- ✓ Laboratories
- ✓ Food processing

Test	Result	Reference standards
Air permeability *	Class 2	EN 12427
Water tightness *	Class 3	EN 12489

*net opening LxH = 2000x2500 mm

GENERAL TECHNICAL FEATURES

Max dimension	L 3000 x H 3000 mm
Frame	304 10/10 stainless steel base 304 8/10 stainless steel cover
Winding shaft	Ø 250 mm
Maximum speed	<i>opening:</i> up to 2.3 m/s (adjustable) <i>closing:</i> 0.8 m/s
Curtain	PVC 650 g/m² white, fabric adapted for contact with foods <i>opt:</i> PVC 900 g/m², fabric not adapted for contact with foods
Sliding	On grates
Electronics	Motorgear: with cataphoresis coating and complete with electromagnetic brake and absolute encoder Motor position: housed inside the winding tube Motor control: with inverter card on exclusive Incold IP 66 box Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth <i>opt:</i> Remote control with IR MOS system
Opening	Emergency keypad and push button + cleanswitch outlet push button
Wiring	Door supplied pre-wired
Emergency opening	Manual handle <i>opt:</i> Continuity unit (UPS)
Operating temperature	NT applications, temp > 5°C with RH % level < 30% (a thermal break is also recommended to prevent condensation)

AVAILABLE COLOUR/RAL (opt. for 900 g/m² fabric)

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

standard SAFETY SYSTEMS

• **OPTICAL BARRIERS**



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)

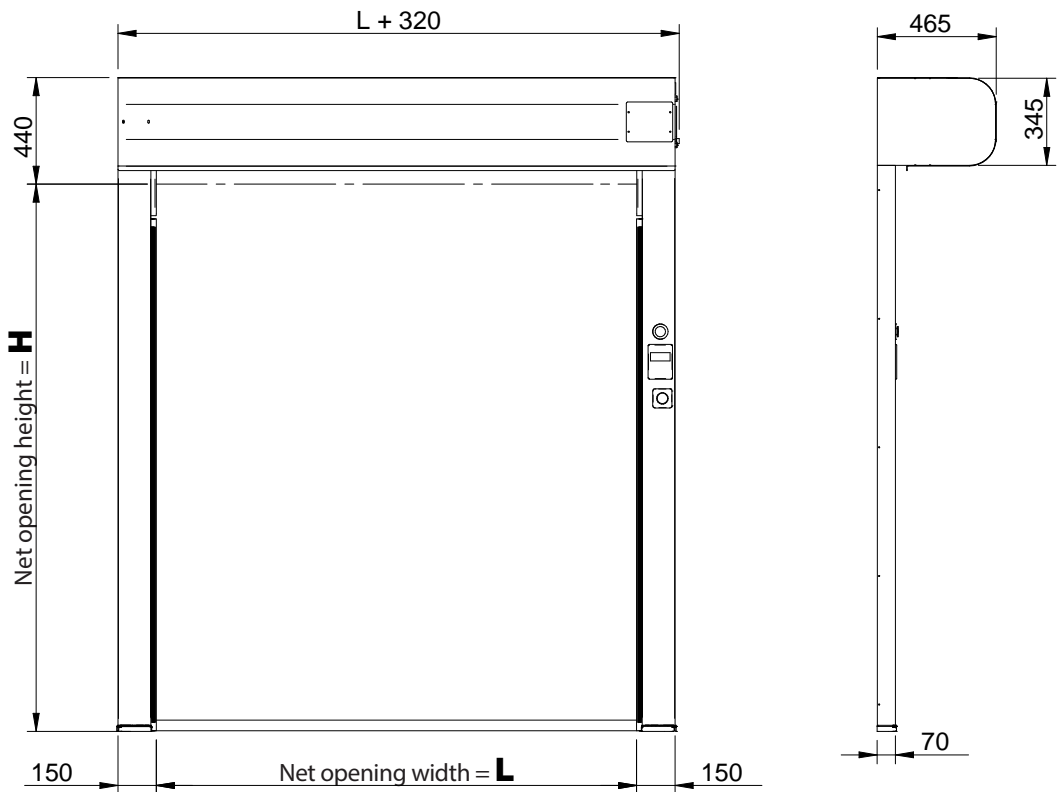


FABRIC OPTIONS

Custom



DIMENSIONS





THE **FREEZER 1** **RAPID ROLL-UP DOOR** is characterised by an operating temperature of up to -25°C, with a maximum temperature difference of 30°C between the inside and outside of the cold store room. Suitable for food environments and minimise the release of cold when the store rooms are opened.

ADVANTAGES

- ✓ Energy saving
- ✓ Protected heated automation
- ✓ Electronics card housed in the motor
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Always in combination and opposite an isothermal sliding door
- ✓ Low temperature cold store rooms



Test	Result	Reference standards
Protection against impact hazards	Compliant	EN 13241 EN 12453
IP degree of control keyboard	IP 66	CEI EN 60529
Sound power	70,3dB	EN ISO 3746 EN ISO 11203

Other certifications: Infotec D-035

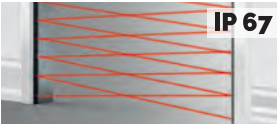
GENERAL TECHNICAL FEATURES

Max dimension	L 3000 x H 3500 mm
Frame	RAL 9010 white painted plate Heating system in the vertical uprights and inside the upper guide box <i>opt:</i> FREEZER 1-IX: AISI 304 stainless steel *
Winding shaft	Aluminium
Maximum speed	<i>opening:</i> up to 0.8 m/s (adjustable) <i>closing:</i> 0.6 m/s
Fabric	Special grey sheet, reduces the formation of condensation to a minimum $\lambda = 80 \text{ W/m}^2\text{K}$ thickness 1.4 mm
Sliding	Sliding brushes
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder, protected heated motor Motor control: with inverter card on exclusive Incold IP 66 box Control board: exclusive Incold IP 66, with Mylar keyboard and message display Automation power supply: 230 V, 1 phase + Neutral + Earth Remote control with IRVOS system
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle <i>opt:</i> Continuity unit (UPS)
Operating temperature	Minimum internal temperature: -25°C ΔT maximum between inside and outside: 30°C R.H. external ≤30% <i>opt:</i> floor heating mats to prevent ice on the ground (application recommended)

* Models on the next page

standard SAFETY SYSTEMS

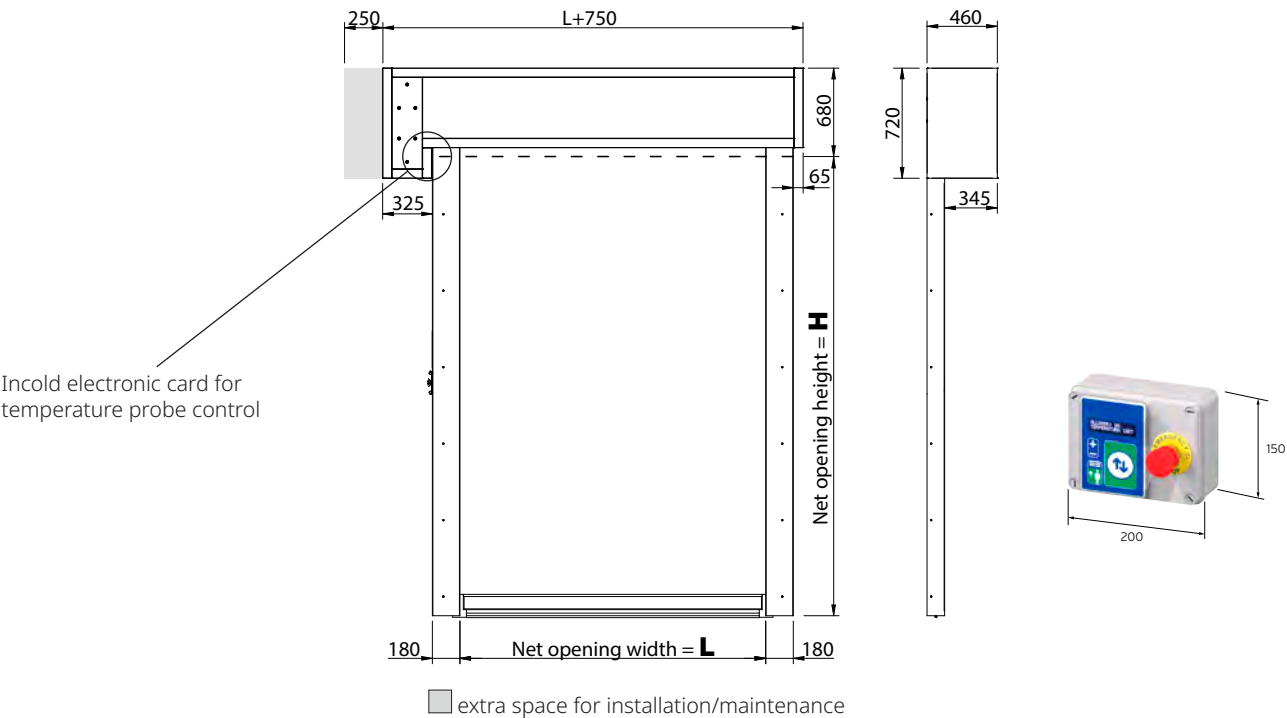
• **OPTICAL BARRIERS**



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)



DIMENSIONS



OTHER MODELS

FREEZER 1-IX

The FREEZER 1-IX rapid roll-up door is a variation of the FREEZER 1, designed for aggressive environments. Characterised by 304 stainless steel.



APPLICATIONS

- ✓ Always opposite an isothermal sliding door
- ✓ Low temperature cold store rooms
- ✓ Aggressive environments

TECHNICAL FEATURES

Frame	304 stainless steel
Winding shaft	Anodised aluminium with AISI 304 ends and PE-inox bearings
Motorgear	Complete with electromagnetic brake and absolute encoder with cataphoresis coating and stainless steel hollow shaft

↑
0,8
m/s



RAPID ROLL-UP DOOR FREEZER 2 with double 900 g/m² fabric and air cushioning ensure high thermal separation between inside and outside. Feature PVC zips that slide on self-lubricating vertical guides.

ADVANTAGES

- ✓ Self-repairing
- ✓ Electronics card housed in the motor
- ✓ Energy saving
- ✓ Easy to install with pre-wired electronics
- ✓ Anti-ice and condensation hot air heater



APPLICATIONS

- ✓ Low temperature cold rooms
- ✓ Always in combination and opposite an isothermal door

Test	Result	Reference standards
Wind resistance	Class 3	EN 12444

GENERAL TECHNICAL FEATURES

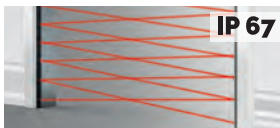
Max dimension	L 3000 x H 4000 mm
Frame	Galvanised steel base Galvanised steel cover <i>opt: FREEZER 2-IX on request</i>
Winding shaft	Double winding shaft (master & slave) with chain drive
Maximum speed	<i>opening</i> : 0,8 m/s (adjustable) with acceleration and deceleration ramps
Fabric	2 PVC fabrics 900 g/m ²
Sliding	Guides made of self-lubricating material PVC zips welded onto the sheet
Electronics	Motorgear: complete with electromagnetic brake and absolute encoder Heater 230 V 2300 W Motor control: with inverter card on exclusive In-cold IP 66 box Control board: IP 66 exclusive Incold, with mylar cover and message display Automation power supply: 230 V, 1 phase + Neutral + Earth Remote control with IR MOS system
Opening	Keypad and emergency button
Wiring	Door supplied pre-wired
Emergency opening	Manual handle
Operating temperature	Maximum ΔT between indoors and outdoors: 30°C

AVAILABLE COLOUR/RAL

- | | | | |
|------------|------------|------------|------------|
| 3002 | 6026 | simil 5002 | simil 9010 |
| simil 9016 | simil 7038 | simil 7004 | |

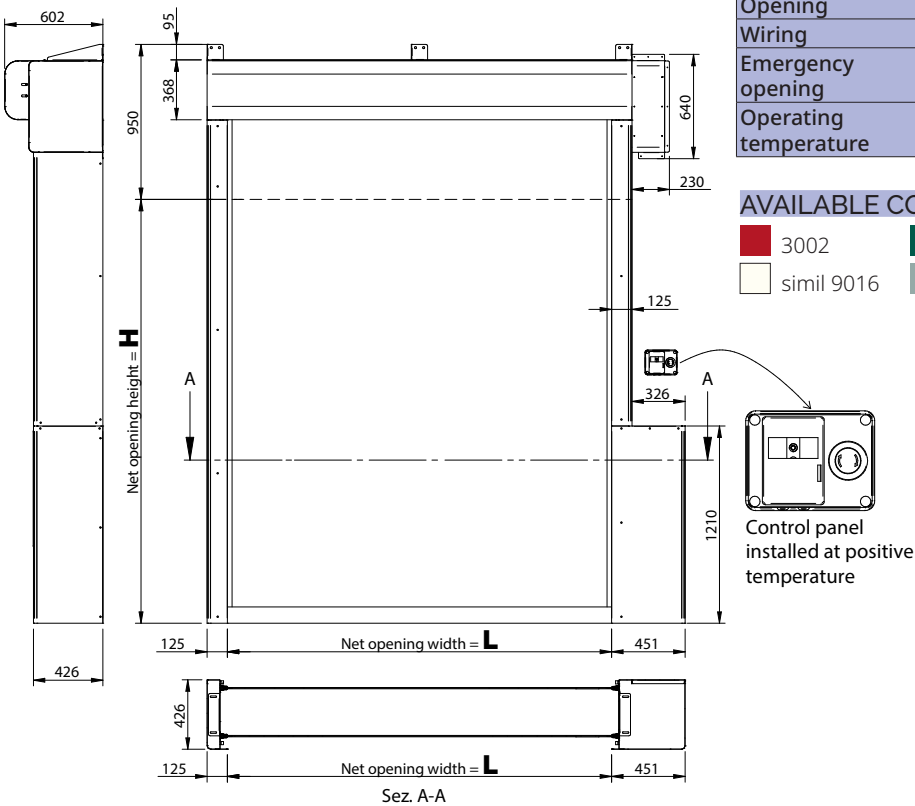
standard SAFETY SYSTEMS

- **OPTICAL BARRIERS**



Optical barriers in compliance with the EN 12445 standard (only for L ≥ 1000 mm)

DIMENSIONS





THE FOLD UP DOOR is strong thanks to the folded frame in 3 mm thick galvanised steel sheet. The folding system consists of a sheet (PVC coated fabric) strengthened internally by galvanised steel tubes placed inside welded pockets. The diameter of the strengthening tubes varies according to the resistance class for the required air pressure. The sheet assembly is lifted thanks to belts secured above the winding shaft.

ADVANTAGES

- ✓ Safety
- ✓ Strength
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Warehouses
- ✓ Industry
- ✓ Composting plants
- ✓ Farm storage areas
- ✓ Car washes
- ✓ Laboratories

AIR PRESSURE RESISTANCE

Available in class 2 / 3 / 4 depending on requirements



GENERAL TECHNICAL FEATURES

Max dimension	L max 10000 mm
Frame	Galvanised steel (painted on request) <i>opt:</i> Aisi 304 stainless steel sheet
Winding shaft	up to 6000 x 6000 mm: Ø 114 in aluminium <i>over:</i> Ø 133 in steel
Maximum speed	<i>opening:</i> up to 0,8 m/s (adjustable) <i>closing:</i> 0,8 m/s
Fabric	PVC 900 g/m² with two window rows
Sliding	On plastic profiles fixed on the frame Smoother sliding curtain support <i>opt:</i> Side brushes to reduce the noise and the passage of hot/cold air from inside to outside
Electronics	Motorgear: three-phase asynchronous fitted with parachute and encoder and inverter system; various powers depending on size. Automation power supply: 230 V 50/60 Hz 1 phase + Neutral and Earth, for larger doors: 400V, three-phase + Neutral + Earth
Opening	Emergency keypad and push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle Counterweight for system balancing needed in some large doors; always available as optional for opening by foot in the absence of power supply <i>opt:</i> Continuity unit (UPS)

Supporting structure if necessary not included

standard SAFETY SYSTEMS

• SAFETY EDGE

Safety edge with wireless transmitter fitted with long-lasting battery

2 pairs of single ray photoelectric cells inside and outside the frame uprights



Primary safety



Secondary safety

• OPTION SAFETY EDGE AND OPTICAL BARRIERS (L < 6500 mm)

Safety edge with wireless transmitter fitted with long-lasting battery

Optical barriers in compliance with the EN 12445 standard (for H ≥ 2,5 m)



Primary safety



Secondary safety

FABRIC OPTIONS

Custom



1 line



3 lines



4 lines



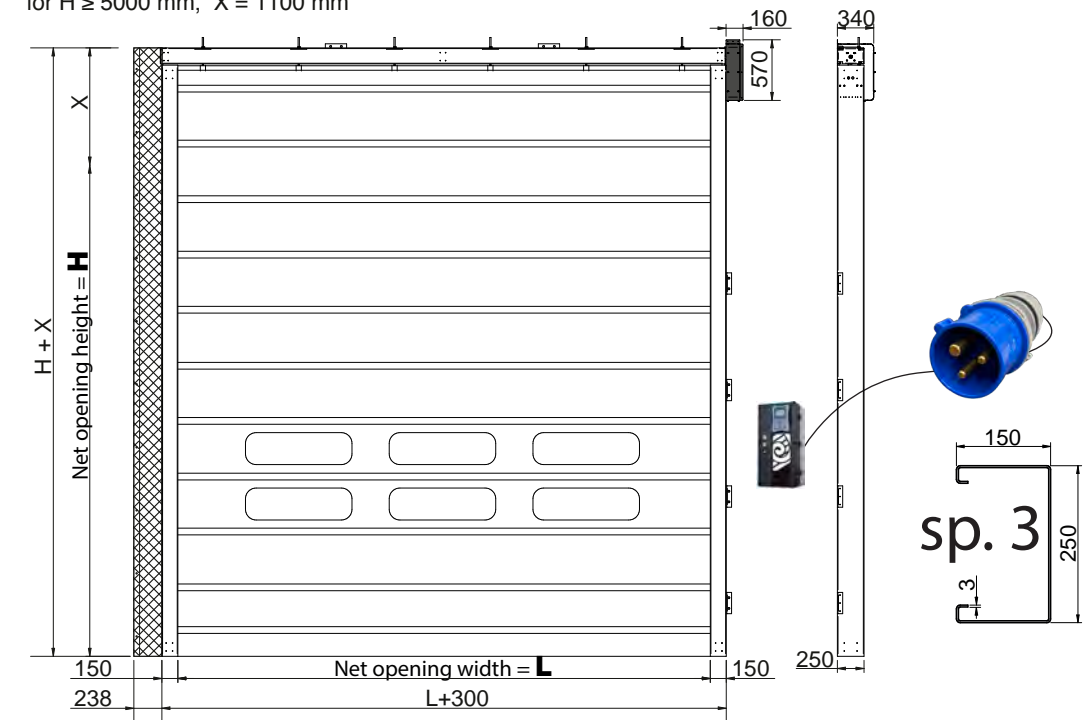
AVAILABLE COLOUR/RAL

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

DIMENSIONS

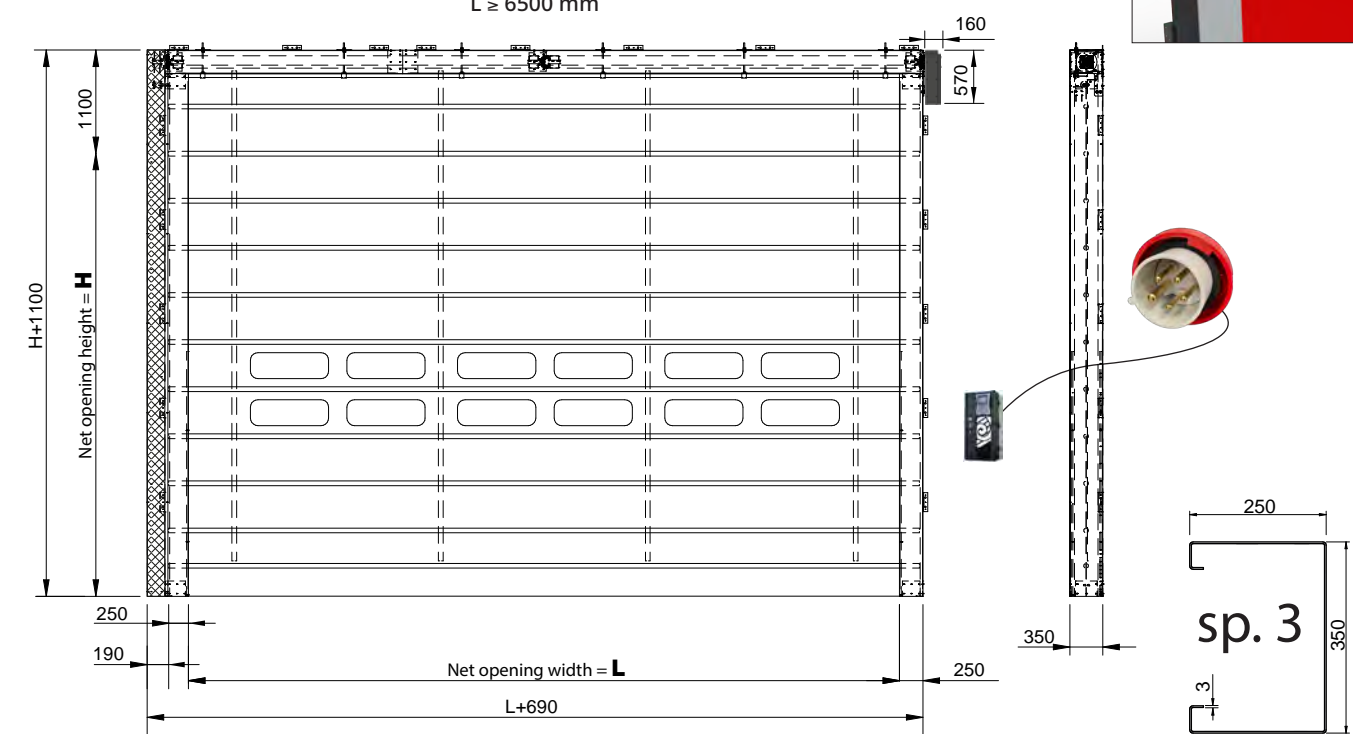
Motor positioned to the left or to the right
Max L 6500 mm

for H < 5000 mm, X = 850 mm
for H ≥ 5000 mm, X = 1100 mm



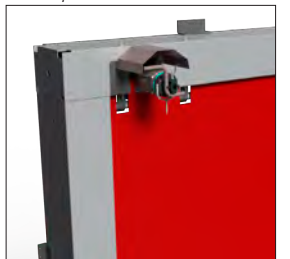
opt: Counterweight system

Motor positioned to the left or to the right
L ≥ 6500 mm



Counterweight system

opt: Front motor:





THE **SZ SECTIONAL DOORS** are designed to be reliable, long-lasting and safe. We offer flexible doors that can be adapted to every need and size; we supply high quality safety and control systems that comply with European standards.

ADVANTAGES

- ✓ Safety
- ✓ Strength
- ✓ High wind resistance
- ✓ Electronics card housed in the motor
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Warehouses
- ✓ Industry
- ✓ Composting plants
- ✓ Farm storage areas
- ✓ Car washes
- ✓ Distribution centres

GENERAL TECHNICAL FEATURES

Max dimension	L 7000 x H 5500 mm
Frame / Rail system	In made-to-measure galvanised steel. There are 4 rail systems, to meet multiple applications*
Spring cable system	To keep the door open. The spring systems are devised for each door on the basis of the expected cycle (to be specified in the order)
Panels	Consisting of two metal supports (sandwich), insulated and self-supporting with horizontal staves, with high density polyurethane insulation S40 (40 mm) Anti-pinching: with profile to prevent the crushing of fingers (mandatory for H ≤ 2,5 m) T40 (40 mm) industriale: without profile to prevent the crushing of fingers T40 ISO (40 mm) industrial: with insulating gasket <i>opt: S80 (80 mm) industrial</i>
Electronics	Automation power supply: 400 V, three-phase <i>opt: 230 V, 1 phase + Neutral + Earth</i>
Opening	<i>Manual:</i> with a chain hoist <i>opt motorized:</i> available in two versions: “dead man” operating or completely automatic (automatic opening and closing) <i>opt: Padlock</i>
Wiring	Door supplied pre-wired
Emergency opening	Manoeuvre with chain

* Models on the next page

NS - Normal

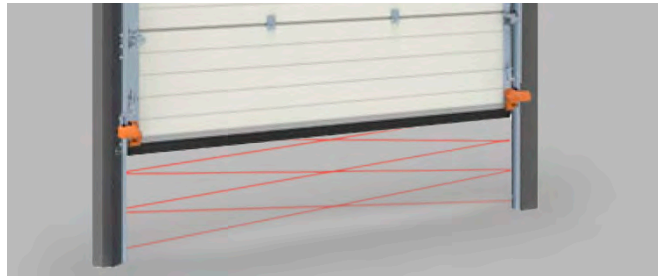
Vertical uprights and roll guides in galvanised steel. The door opens horizontally after the clear span height.

standard SAFETY SYSTEMS



Cable break and spring break safety device

• **OPTION OPTICAL BARRIERS**



Optical barriers - in compliance with the EN 12445 standard
Standard with complete automation

PORTHOLE OPTIONS



1 line



2 lines



3 lines



4 lines



AVAILABLE COLOUR/RAL*

- | | | | | |
|------|------|------|------|------|
| 1021 | 3000 | 5010 | 6009 | 9010 |
| 9002 | 7016 | 9007 | 9006 | 8014 |

*Inner side colour RAL 9002

Device	For non motorized doors	“Dead man” operating	Completely automatic
Spring break safety device	✓	option	option
Cable break safety device	✓	✓	✓
Optical barrier	-	-	✓
Anti-pinching protection	✓ H < 2,5 m	✓	✓
Slack cable safety device	-	✓	✓

OTHER MODELS

HS - High



Track adapted for high architrave; version consisting of a vertical first section and then the door slides horizontally in the second.

VS - Vertical

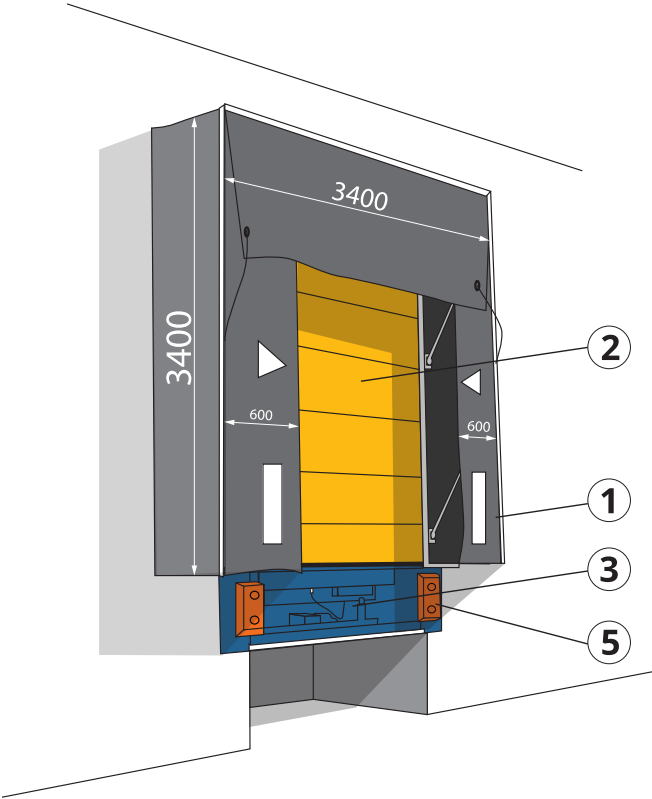


The opening movement is completely vertical.

LS - Low



The bend on the guides has a radius that enables the door to be opened even with very low architraves (200 mm, 250 mm and 320 mm).



GENERAL TECHNICAL FEATURES

1	Loading dock system	Galvanised steel load-bearing structure, retractable and shockproof.
2	Sectional doors	Insulated galvanised steel, manual version standard mechanical components (H from architrave to ceiling: about 500 mm). • Safety device for cables and springs. • 2 windows in acrylic double glazing. <i>opt:</i> Inside bolt.
3	Loading ramp	• RSA model • Dimensions: width = 2000 mm, length = 2500 mm • 1-element rotating side rail • Oil pressure control unit built into the structure (one per ramp) • Standard buffers included • Ramp operation control panel (one per ramp) • RAL 5010 blue
4	Hole edging profiles	
5	Buffer	Standard model dim. 85 x 80 x 400 mm <i>opt:</i> Jumbo in stiff rubber with rear plate dim. 450 x 250 x 100 mm



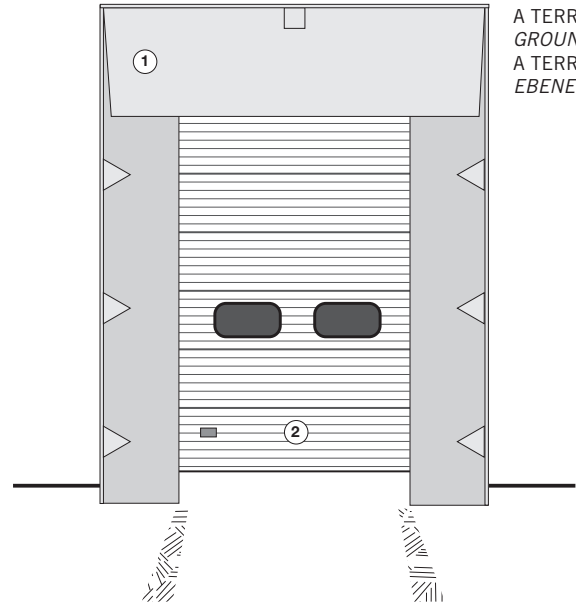
Standard



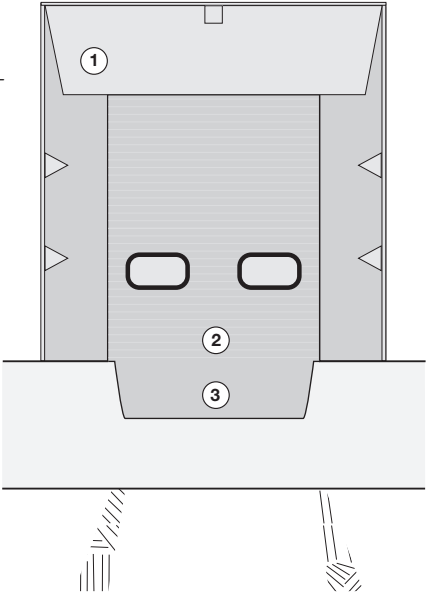
Jumbo

PCT

PCB



A TERRA
GROUND LEVEL
A TERRE
EBENERDIGE EINFAHRT



IN BANCHINA
DOCK
SUR QUAI
VORSATZSCHLEUSE





INCOLD COIBENT STRIP CURTAINS are designed to offer a high level of thermal insulation and reduce the dispersion of cold during the loading/unloading operations within cold stores. They consist of PVC coated sheets with a bearing made of insulating material placed in between. Incold COIBENT strip curtains immediately return to the original position and do not stick together. Ease assembling, solidity and low maintenance making them a solution that is always recommended both for normal temperatures and low temperatures. Costs are quickly redeemed thanks to the energy savings.

ADVANTAGES

- ✓ Energy saving
- ✓ Thermal insulation
- ✓ Reduction of condensation

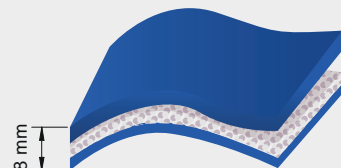
APPLICATION



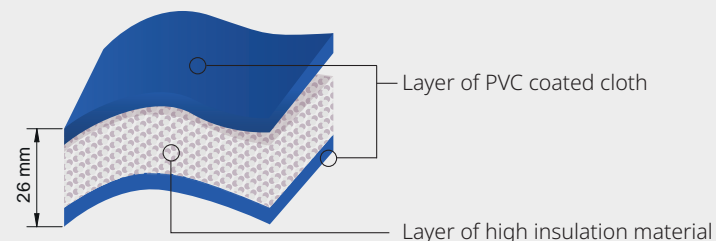
Incold COIBENT curtains are fitted with a transparent section of 120x500 cm on each strip

2 models:

COIBENT 8

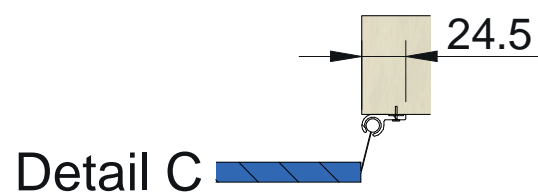


COIBENT 26



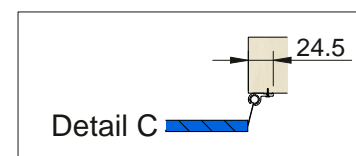
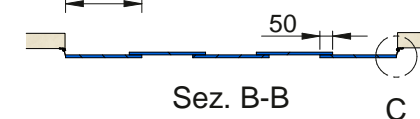
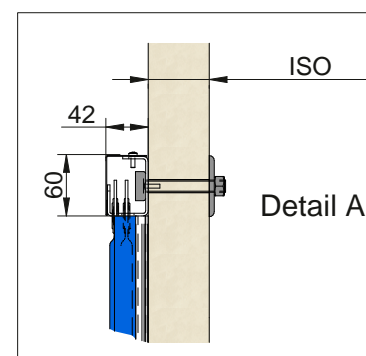
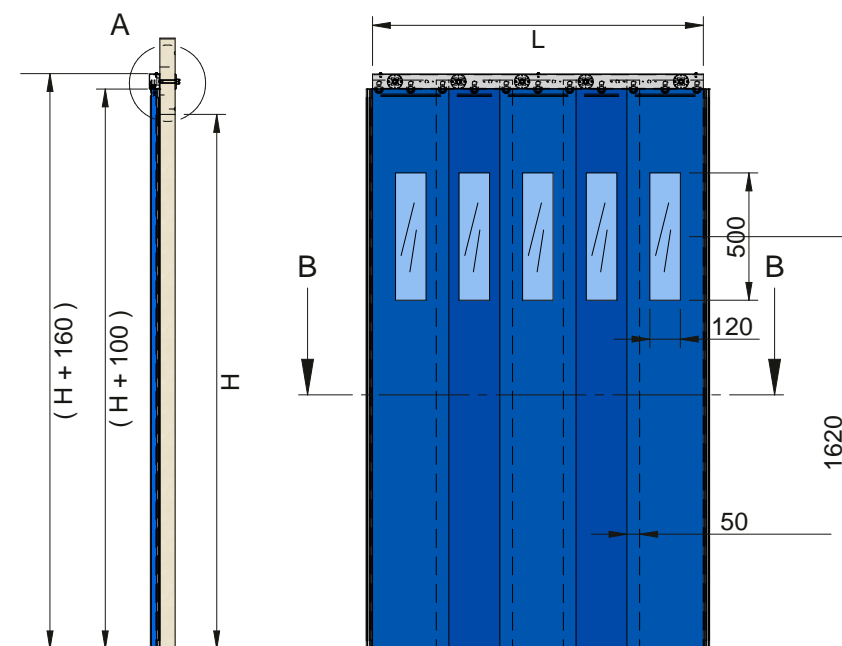
Securing: (ref. detail C):

Incold COIBENT curtains are secured onto the upper part on a stainless steel finger rack, and on both sides with a full height aluminium section to guarantee the thermal seal. The strips are 300 mm wide and overlap by 5 cm.



AVAILABLE COLOUR/RAL

1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	



DIMENSIONS

L \ H	2000	2200	2400	strips
1050	✓	✓	✓	4
1300	✓	✓	✓	5
1550	✓	✓	✓	6
1800	✓	✓	✓	...
...	✓	✓	✓	...

PACKAGE DIMENSIONS

WEIGHT: < 30 Kg

H_s: depending on the number of strips



IRMOS (Incold Remote Monitoring System), il sistema per il controllo remoto continuo delle porte automatiche.

La tecnologia aperta consente di raccogliere dati, elaborarli e renderli fruibili 24/7 in modo semplice e intuitivo.

IRMOS (Incold Remote Monitoring System), the system for continuous remote control of automatic doors.

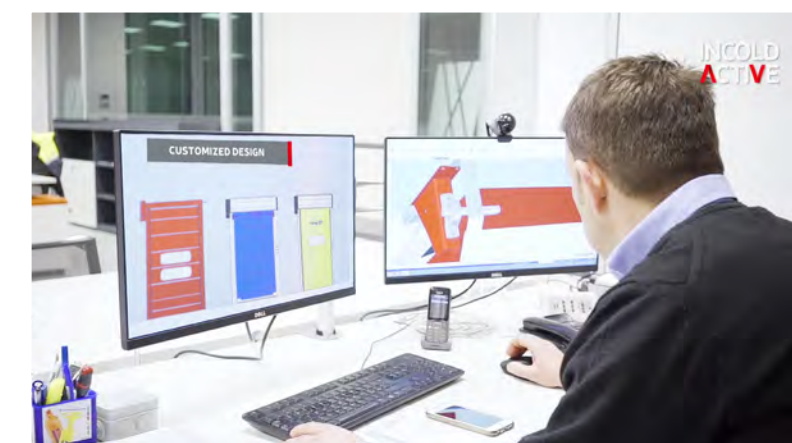
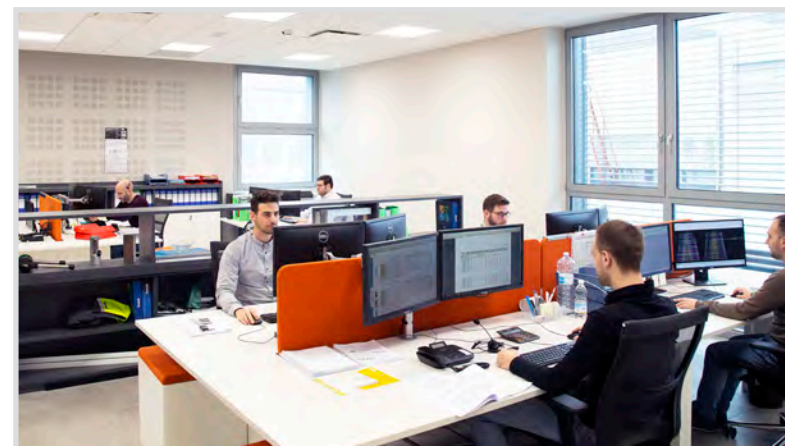
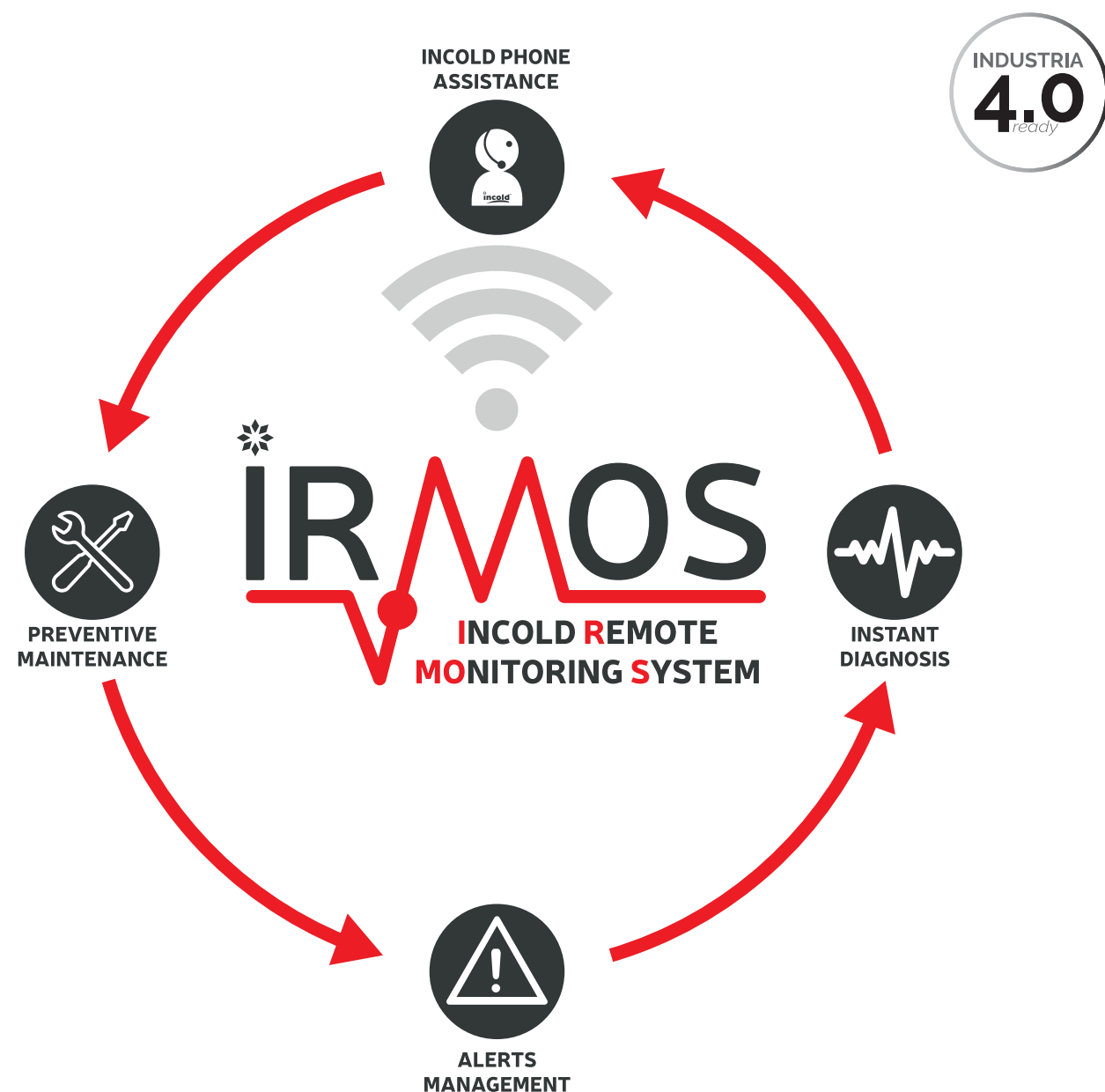
The open technology allows you to collect data, process them and make them available 24/7 in a simple intuitive manner.

IRMOS (Incold Remote Monitoring System), le système de contrôle à distance continu des portes automatiques.

la technologie ouverte permet de collecter, traiter et utiliser les données 24h/24 et 7j/7 de manière simple et intuitive.

IRMOS (Incold Remote-Monitoring-System), dem ständigen Remote-Kontrollsystem für automatische Türen.

Die offene Technologie ermöglicht auf einfache und intuitive Weise die Sammlung und Bearbeitung von Daten und dies rund um die Uhr, sieben Tage die Woche.




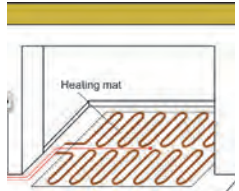
DISPOSITIVI DI APERTURA - Opening devices - Dispositifs d'ouverture - Öffnungseinrichtungen

	Radar per H > 3000 mm Radar for H > 3000 mm Radar pour H > 3000 mm Radar für H > 3000 mm		Radar per H < 3000 mm Radar for H < 3000 mm Radar pour H < 3000 mm Radar für H < 3000 mm
	Ricevitore Receiver Récepteur Empfänger		Telecomando 128 canali Remote control 128 channels Télécommande 128 canaux Fernbedienung 128 Sender
	Ricevitore Receiver Récepteur Empfänger		Telecomando 5 canali Remote control 5 channels Télécommande 5 canaux Fernbedienung 5 Sender
	Pulsante a fungo Ø 90 mm Mushroom push button Ø 90 mm Bouton champignon Ø 90 mm Pilztaster Ø 90 mm		Tastierino numerico con lettore badge Numeric keypad with card reader Digicode avec lecteur de carte Tastatur mit Ziffernblock und Kartenleser
	Rivelatori a spira 2 canali Loop detector 2 channels Décteur à spire 2 canaux Windungen im Boden mit 2 Sender		Tirante a fune Pulling cable Interrupteur à câble Seilzugschalter
	Supporto interruttore fune Support for wire/rope Support à ficelle Träger für Seilzugschalter		Tirante wireless Wireless rod Tirant sans fil Wireless Seilzüge
	Sensore infrarosso a sfioro Infrared touchless sensor Interrupteur à infrarouge sans contact Berührungsloser Infrarotsensor Industrial uses		Sensore infrarosso a sfioro Infrared touchless sensor Interrupteur à infrarouge sans contact Berührungsloser Öffnungssensor Internal uses

DISPOSITIVI DI SICUREZZA - Safety devices- Dispositifs de sécurité - Sicherheitseinrichtungen

	Lampeggiante giallo quadro singolo Single panel flashing yellow Clignotant jaune panneau simple Blitzleuchte einzelner Verteilerkasten 24 V		Lampeggiante giallo quadro doppio Double panel flashing yellow Clignotant jaune panneau double Blitzleuchte doppelter Verteilerkasten 24 V
	Lampeggiante giallo micro flash Micro flash yellow flashing Clignotant jaune micro flash Gelbb blitzleuchte Micro Flash 24 V		Semaforo Traffic light Feu rouge Signal leuchte
	Pali protezione porta Door protection poles Poteaux de protection porte Türschutzpfosten		UPS 0.75 Kw USV 0.75 Kw
	Kit bussola Bushing kit Kit douille Buchse-Bausatz		

OPTIONS

Zip / Glide		Freezer		Riscaldamento a pavimento: Consigliata l'applicazione di stuoie scaldanti a pavimento (optional) per prevenire il ghiaccio a terra. Floor heating: Floor heating mat(optional) to prevent ground ice are recommended. Chauffage au sol : Application conseillée de tapis chauffant au plancher (en option) pour prévenir la formation de glace au sol. Bodenheizung: Es wird (optional) die Verwendung von Heizmatte am Boden empfohlen, um Eis am Boden vorzubeugen.
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aneco
aneco



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incold.it | incoldactive.it

