



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 opt: ZIP-AL: Aluminium * opt: ZIP-IX: 304 10/10 stainless steel base and 304 8/10 stainless steel cover *
Winding shaft	Aluminium Ø 114 mm
Maximum speed	opening: up to 1.2 m/s (adjustable) closing: 0.8 m/s
Fabric	PVC 900 g/m ² with a window row opt: 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 opt: 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 opt: Counterweight system opt: 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 Insulation kit: gasket, thermal break and seals behind uprights as standard

* Models on the next page

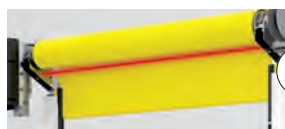
standard SAFETY SYSTEMS

• PHOTOELECTRIC SYSTEM

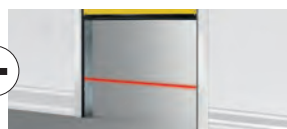
- for doors with: L ≤ 2000 and H ≤ 3500 with 900g/m² fabric

Certified system with photoelectric 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)

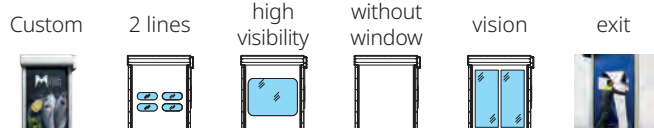


Primary safety



Secondary safety

FABRIC OPTIONS



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

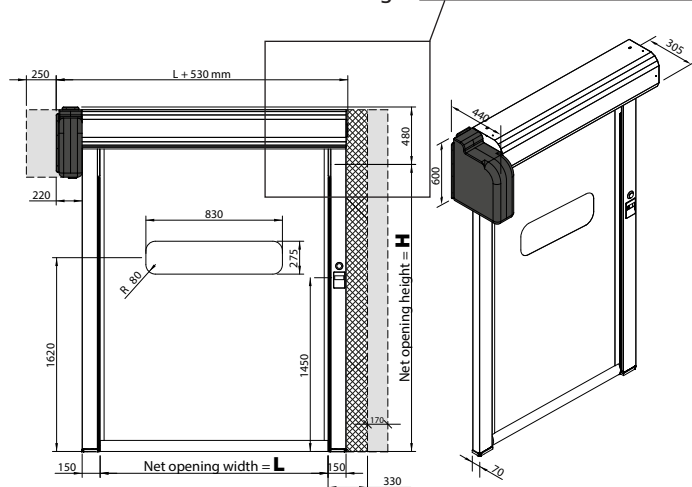
1003	2004	5010	6026	9016
1021	3002	5012	1013	9005
7035	9006	7037	7038	

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

5010	9010	7038
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DIMENSIONS

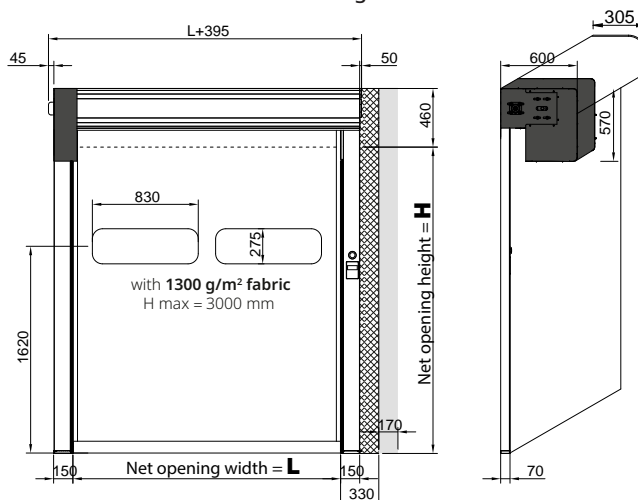
Side motor:
Positioned to the left or to the right



opt: Counterweight system
 extra space for installation/maintenance

for $H \geq 3000$ with 1300 g/m^2 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