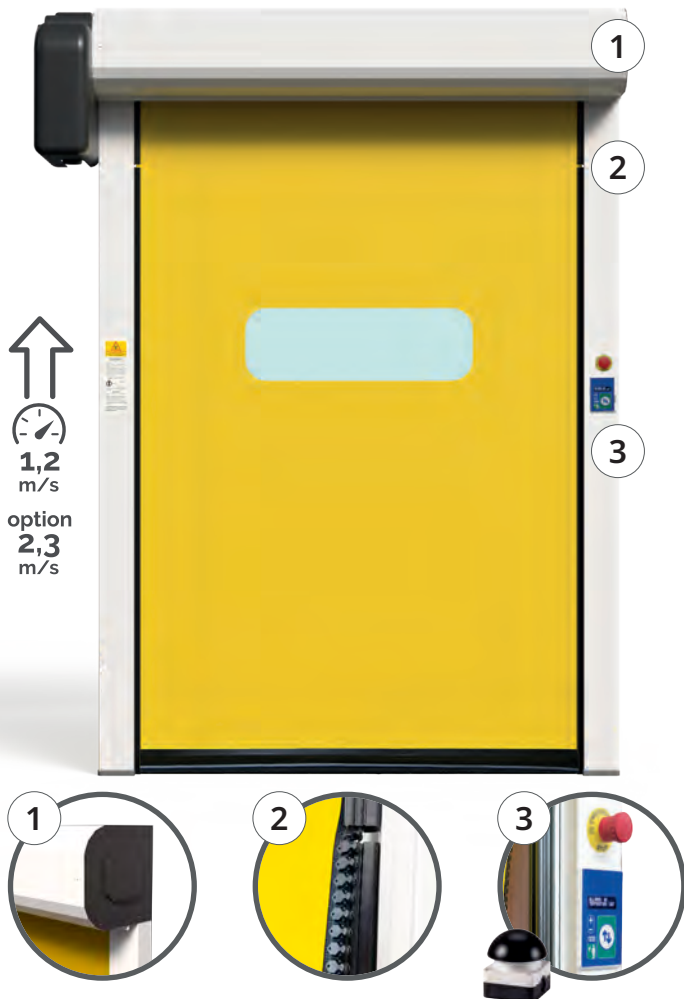




**THE ZIP 900 RAPID ROLL-UP DOOR** is the most versatile of the Active range. The tarp provide with PVC zips, sliding on self-lubricating polyethylene guides and connect the tarp for the entire height of the door ensuring water tightness and wind resistance (class 3). The ZIP 900 doors are self-repairing 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 (ONLY FOR CHILLER TEMPERATURES)

- ✓ 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 dimensions are possible, contact the Incold Technical Department                                                                                                                                                                                                                                                                         |
| Frame                 | Galvanised steel base, 12/10<br>Pre-painted steel cover, 8/10, RAL 9010 (other colours on request)<br>Anti-rust drain shoes<br>opt: ZIP 900-AL: Aluminium *<br>opt: ZIP 900-IX: Aisi 304 10/10 stainless steel base and Aisi 304 8/10 stainless steel cover *                                                                                                      |
| Winding shaft         | Aluminium Ø 114 mm                                                                                                                                                                                                                                                                                                                                                 |
| Maximum speed         | opening: up to 1.2 m/s (adjustable)<br>closing: 0.8 m/s<br>with acceleration and deceleration ramps                                                                                                                                                                                                                                                                |
| Tarp                  | PVC 900 g/m² with a window row                                                                                                                                                                                                                                                                                                                                     |
| Sliding               | Guides made of self-lubricating material<br>PVC zips welded onto the tarp                                                                                                                                                                                                                                                                                          |
| Electronics           | Motorgear: complete with electromagnetic brake and absolute encoder<br>Motor control: with inverter card on exclusive Incold IP 66 box<br>Control board: built into the door upright, exclusive Incold IP 66, with Mylar keyboard and message display<br>Automation power supply: 230 V, 1 phase + Neutral + Earth<br>opt: Remote control with <b>IRVOS</b> system |
| Opening               | Keypad and emergency push button + mushroom push button Ø 90 mm                                                                                                                                                                                                                                                                                                    |
| Wiring                | Door supplied pre-wired                                                                                                                                                                                                                                                                                                                                            |
| Emergency opening     | Manual handle<br>opt: Counterweight system (not suitable for doors with the motor housed in the upper casing)<br>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 tarp<br>opt: insulation kit: gasket and thermal break                                                                                                                                                         |

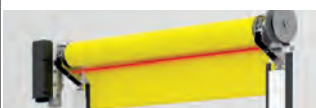
\* Versions on the next page

#### STANDARD SAFETY SYSTEMS

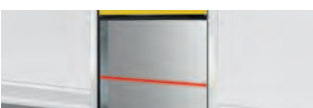
##### • PHOTOELECTRIC SYSTEM (for door with: L ≤ 2000 and H ≤ 3500)

Certified system with photoelectric cell to detect that the tarp is rolling properly

Photoelectric cell (RX+TX)



Primary safety



Secondary safety

##### • OPTICAL BARRIERS (for door with: L > 2000 or H > 3500)



**IP 67**

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

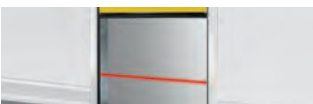
##### • OPTION SAFETY EDGE

Wireless safety edge

Photoelectric cell (RX+TX)

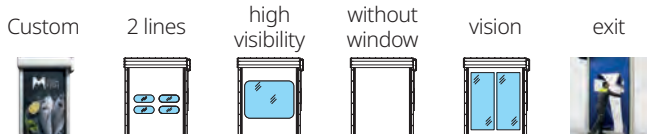


Primary safety



Secondary safety

#### TARP OPTIONS



#### AVAILABLE COLOUR/RAL STANDARD

|      |      |      |      |      |      |
|------|------|------|------|------|------|
| 1003 | 1021 | 5010 | 5012 | 9016 | 1013 |
| 2004 | 3002 | 3028 | 6026 | 9005 | 7001 |
| 7035 | 9006 | 7037 | 7038 |      |      |

#### AVAILABLE COLOUR/RAL (B-s2,d0)

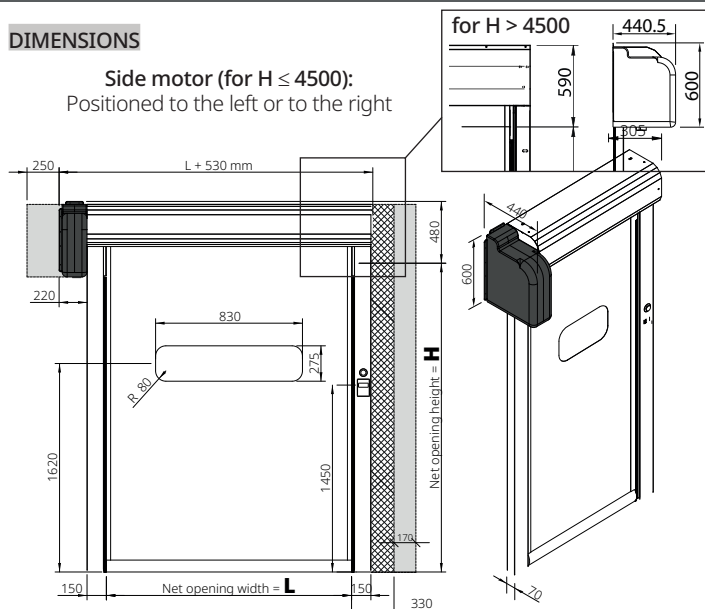
|      |      |      |      |
|------|------|------|------|
| 5002 | 7038 | 6026 | 9016 |
|------|------|------|------|

#### AVAILABLE COLOUR/RAL (B-s1,d0)

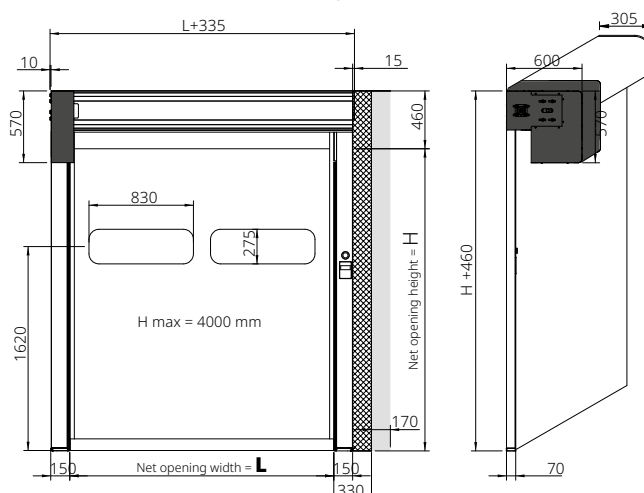
|      |
|------|
| 9016 |
|------|

## DIMENSIONS

**Side motor (for  $H \leq 4500$ ):**  
Positioned to the left or to the right



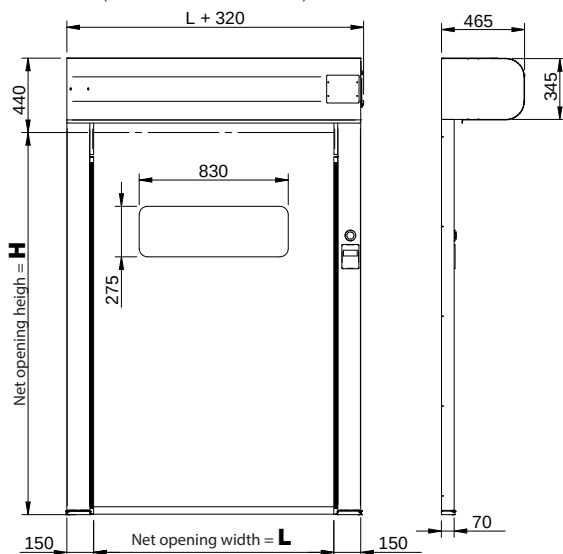
**opt: Front motor (for  $H \leq 4000$ ):**  
Positioned to the left or to the right



-  opt: Counterweight system
-  Extra space for installation/maintenance

-  opt: Counterweight system (standard with  $L \geq 2600$  mm)
-  Extra space for installation/maintenance

**opt: Motor housed in the upper casing**  
(dim. max 3000x3000):



For other dimensions, please contact the Incold Technical Department

## OTHER VERSIONS

### ZIP 900-AL

The ZIP 900-AL roll-up door is a variation of the ZIP 900, 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

|          |           |
|----------|-----------|
| Uprights | Aluminium |
|----------|-----------|

### ZIP 900-IX

The ZIP 900-IX rapid roll-up door is a variation of the ZIP 900, 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         | Aisi 304 10/10 stainless steel base<br>Aisi 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 |