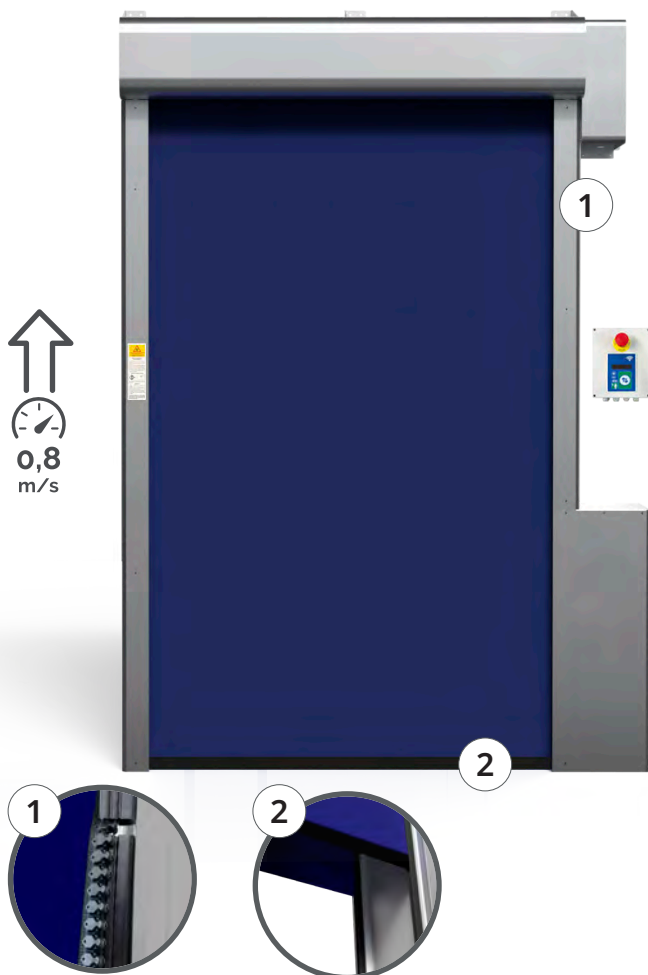




**THE FREEZER DUO RAPID ROLL-UP DOOR** with double 900 g/m<sup>2</sup> tarp and an air cushioning, ensures a high level of thermal insulation between inside and outside. Feature PVC zips that slide on self-lubricating vertical guides.

#### 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 2500 x H 3000 mm, other dimensions are possible, contact the Incold Technical Department                                                                                                                                                                                                                                                            |
| Frame                 | Galvanised steel base<br>Galvanised steel cover<br><i>opt:</i> FREEZER DUO-IX*                                                                                                                                                                                                                                                                        |
| Winding shaft         | Double winding shaft (master & slave) made of aluminium, Ø 114 mm, with chain drive, Aisi 304 end caps and PE-stainless steel bearings                                                                                                                                                                                                                |
| Maximum speed         | <i>opening:</i> up to 0.8 m/s (adjustable)<br><i>closing:</i> 0.6 m/s = 30 Hz<br>with acceleration and deceleration ramps                                                                                                                                                                                                                             |
| Tarp                  | 2 PVC tarps 900 g/m <sup>2</sup> B-s2,d0                                                                                                                                                                                                                                                                                                              |
| Sliding               | Guides made of self-lubricating material<br>PVC zips welded onto the tarp                                                                                                                                                                                                                                                                             |
| Electronics           | Motorgear: complete with electromagnetic brake and absolute encoder<br>Heater 230 V 2300 W<br>Motor control: with inverter card on exclusive Incold IP 66 box<br>Control board: IP 66 exclusive Incold, with mylar cover and message display<br>Automation power supply: 230 V, 1 phase + Neutral + Earth<br>Remote control with <b>IR MOS</b> system |
| Opening               | Keypad and emergency button + pull cord                                                                                                                                                                                                                                                                                                               |
| Wiring                | Door supplied pre-wired                                                                                                                                                                                                                                                                                                                               |
| Emergency opening     | Manual handle<br><i>opt:</i> Continuity unit (UPS)                                                                                                                                                                                                                                                                                                    |
| Operating temperature | <b>Maximum ΔT between indoors and outdoors: 30°C,<br/>Minimum temperature = -25°C</b><br><i>opt:</i> floor heating mats to prevent ice on the ground (highly recommended)                                                                                                                                                                             |

\* For large doors, two blowers are required, one per upright

#### STANDARD SAFETY SYSTEMS

##### • OPTICAL BARRIERS + PHOTOELECTRIC SYSTEM

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



Primary safety

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



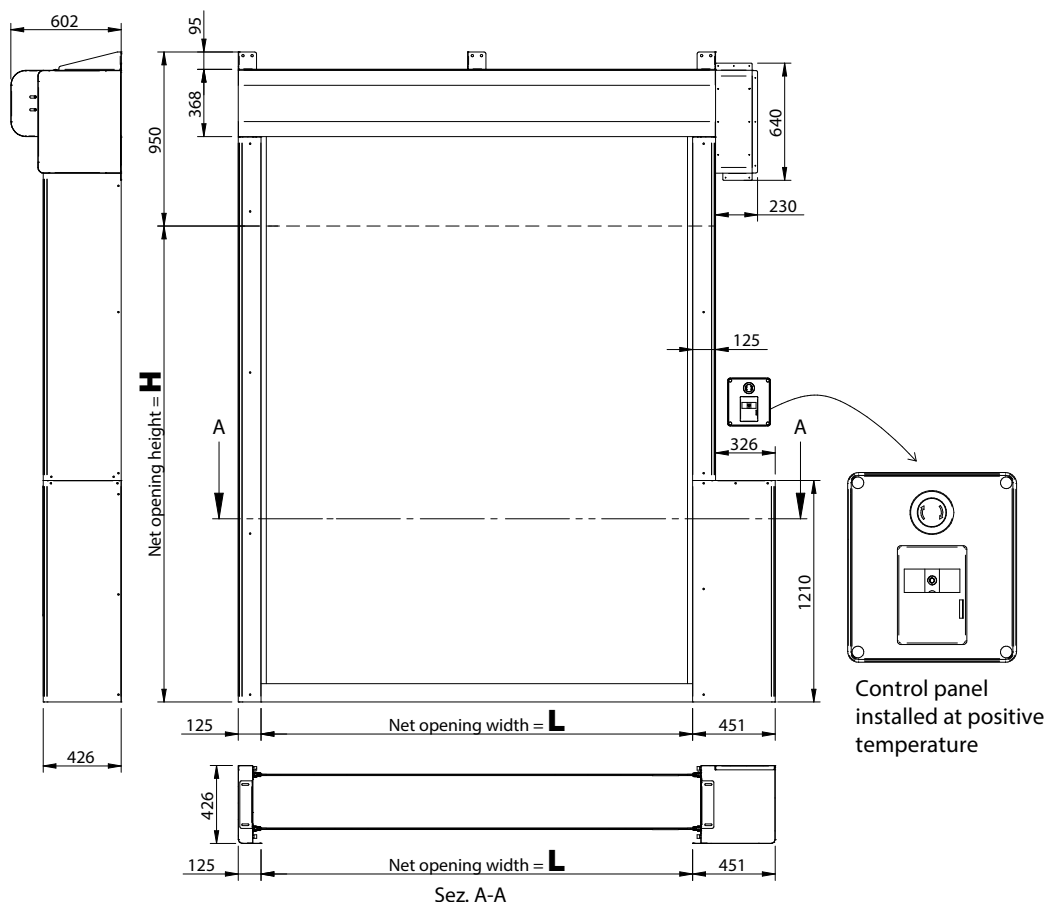
Secondary safety

\* Versions on the next page

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

5002 7038 6026 9016

**DIMENSIONS**



**OTHER VERSIONS**

**FREEZER DUO-IX**

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

**APPLICATIONS**

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

**TECHNICAL FEATURES**

|                      |                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------|
| <b>Frame</b>         | Aisi 304 stainless steel                                                                          |
| <b>Winding shaft</b> | Double winding shaft in anodised aluminium with Aisi 304 end caps and PE-stainless steel bearings |
| <b>Motorgear</b>     | Complete with electromagnetic brake and absolute encoder with cataphoresis coating                |