



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 <i>irMos</i> 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

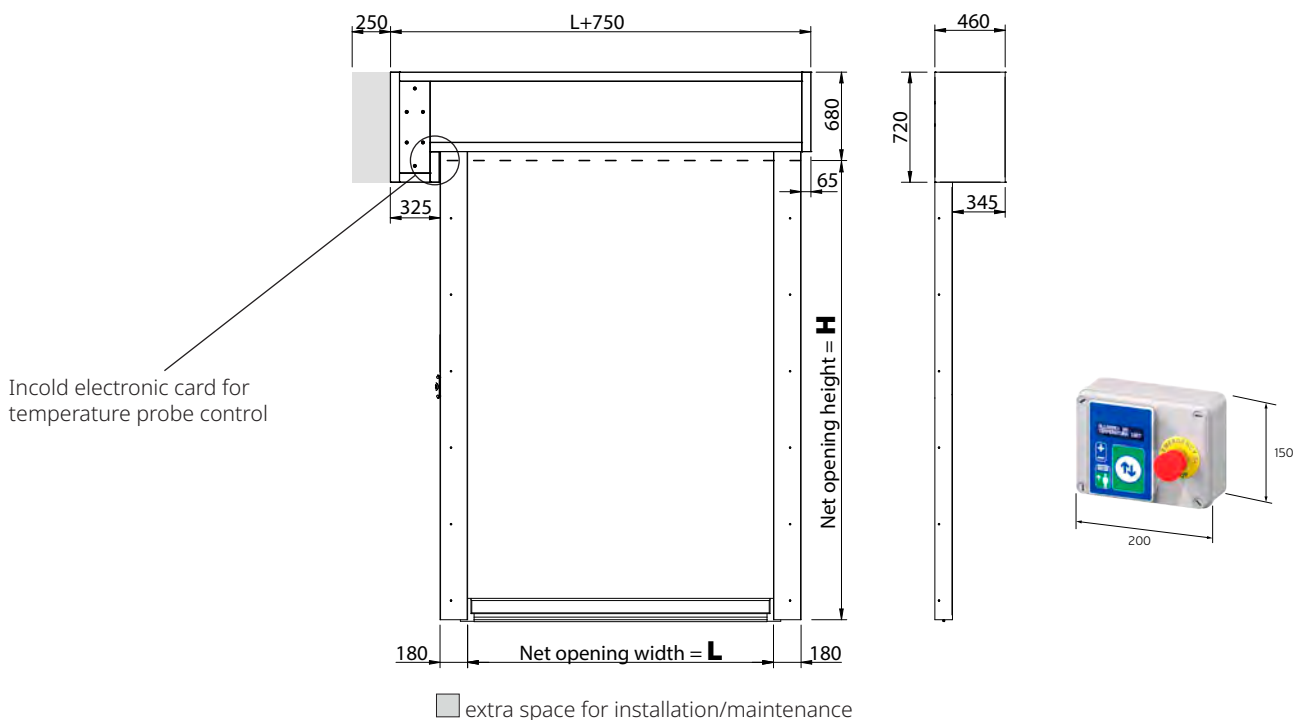
• OPTICAL BARRIERS



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 |