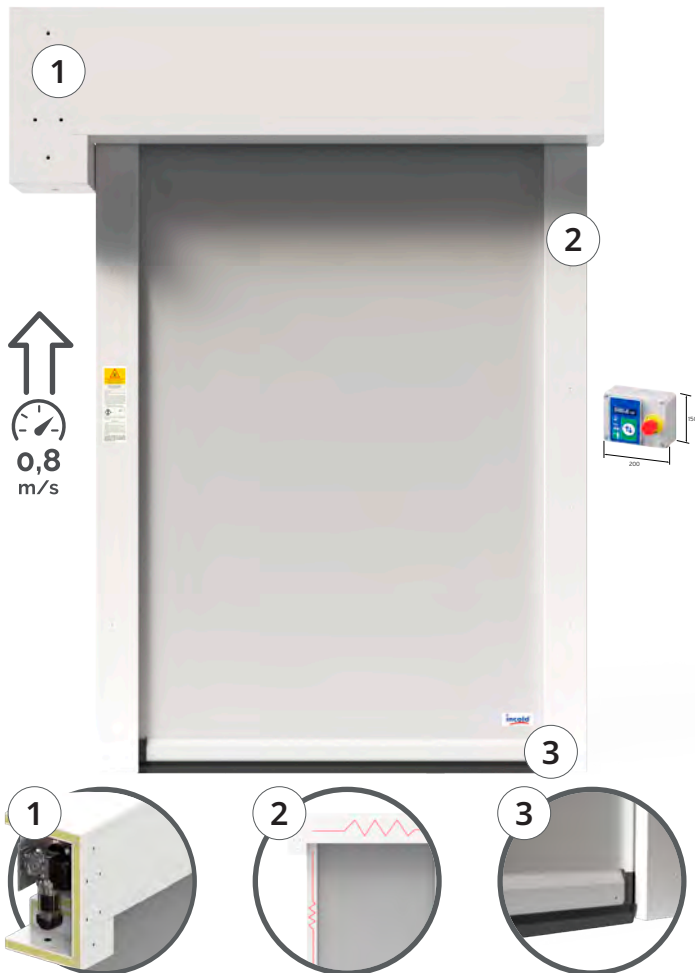




THE FREEZER 1 RAPID ROLL-UP DOOR is characterised by an operating temperature of up to -25°C, with a maximum temperature difference of 30°C between the inside and outside of the cold store room. Suitable for food environments and minimise the release of cold when the store rooms are opened.

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	Conforme	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 Ø 114 mm
Maximum speed	<i>opening:</i> up to 0.8 m/s (adjustable) <i>closing:</i> 0.6 m/s with acceleration and deceleration ramps
Tarp	Special grey tarp, minimises condensation build-up, $\lambda = 80 \text{ W/m}^2\text{K}$, thickness 1.4 mm
Sliding	Free-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 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	Minimum internal temperature: -25°C ΔT maximum between inside and outside: 30°C R.H. external $\leq 30\%$ <i>opt:</i> floor heating mats to prevent ice on the ground (highly recommended)

* Versions on the next page

STANDARD SAFETY SYSTEMS

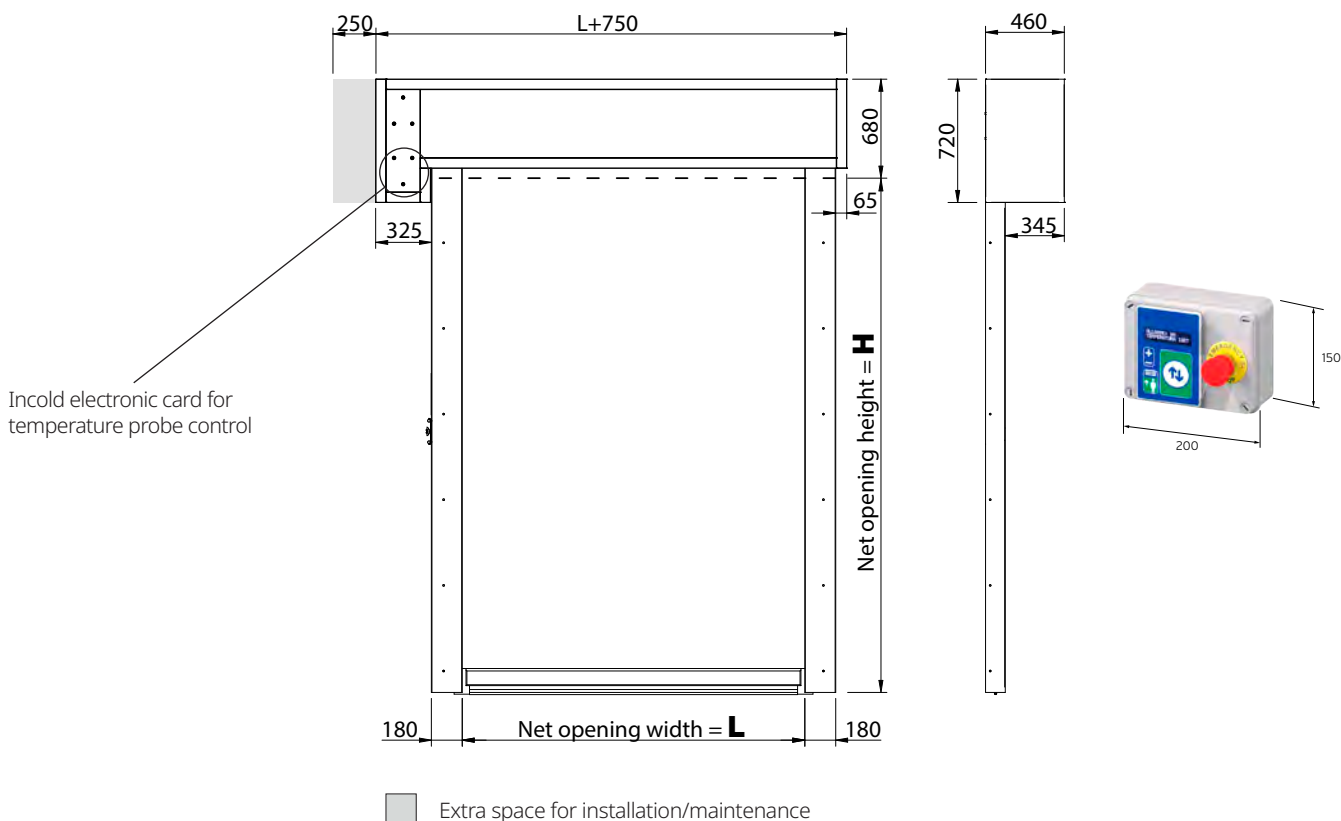
• OPTICAL BARRIERS



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



DIMENSIONS



OTHER VERSIONS

FREEZER 1-IX

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

APPLICATIONS

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

TECHNICAL FEATURES

Frame	Aisi 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