



THE ZIP ISO 20 RAPID-ROLL-UP DOOR offers high thermal insulation thanks to its insulated tarp, which consists of three layers (PVC + insulating material + PVC).

The tarp features PVC zips sliding on self-lubricating polyethylene guides, connecting the tarp along the entire height of the door. ZIP ISO 20 doors are self-repairing up to a width of 4000 mm.

Standard features include a gasket and rear thermal break.

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

GENERAL TECHNICAL FEATURES

Max dimension	L 4000 x H 4000 mm
Frame	Galvanised steel base, 12/10 Pre-painted steel cover, 8/10, RAL 9010 (other colours on request) Anti-rust drain shoes <i>opt:</i> ZIP ISO 20-IX: Aisi 304 10/10 stainless steel base and Aisi 304 8/10 stainless steel cover *
Winding shaft	Aluminium, Ø 114 mm, with a sliding mechanism
Maximum speed	<i>opening:</i> up to 1 m/s (adjustable) <i>closing:</i> 0.6 m/s with acceleration and deceleration ramps
Tarp	Consists of 3 layers (PVC + insulating material + PVC) with a total thickness of 20 mm, U = 1.6 W/m²K
Sliding	Guides made of self-lubricating material PVC zips welded onto the tarp
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
Opening	Keypad and emergency 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	$\Delta T \leq 25^{\circ}\text{C}$, check the application conditions, R.H. % and thermal delta to prevent condensation of the tarp

* Versions on the next page

STANDARD SAFETY SYSTEMS

• OPTICAL BARRIERS



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

• OPTION SAFETY EDGE

Wireless safety edge



Primary safety

Photoelectric cell (RX+TX)



Secondary safety

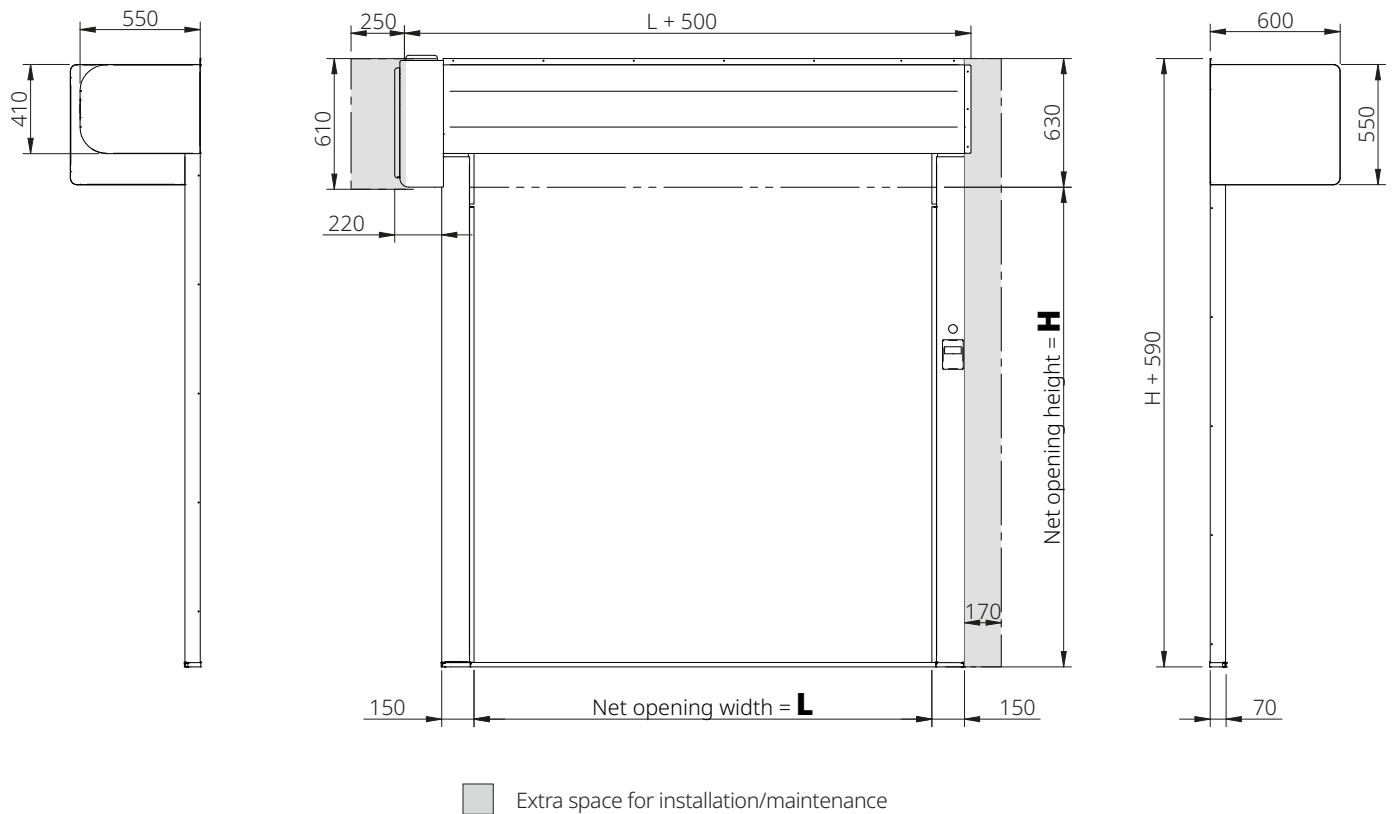
AVAILABLE COLOUR/RAL STANDARD

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



Gasket (A) and rear thermal break (B) to reduce the door's thermal transmittance

DIMENSIONS



OTHER VERSIONS

ZIP ISO 20-IX

The ZIP ISO 20-IX rapid roll-up doors are a variant of the ZIP ISO 20, featuring a frame made from AISI 304 stainless steel.

APPLICATIONS

- ✓ Food industry
- ✓ Aggressive environments
- ✓ Kitchens
- ✓ Laboratories
- ✓ Clean rooms

TECHNICAL FEATURES

Frame	Aisi 304 10/10 stainless steel base and Aisi 304 8/10 stainless steel cover
Winding shaft	Anodised aluminium with AISI 304 ends and PE-in-ox bearings
Motorgear	Complete with electromagnetic brake and absolute encoder with cataphoresis coating