Sector Reset

Rapid roll-up door with self-repairing curtain, counterweights and exclusive electronic safety device

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Main features

Sector Reset is the rapid roll-up door for very intense use, fitted with a special and innovative self-repairing system. If the curtain is accidentally knocked, pushing it out of position, a simple and automatic opening and closing manoeuvre puts the curtain back in place.
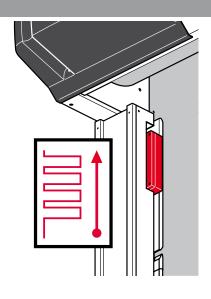
It is notable for these important features:

- Modular counterweight balancing system to guarantee high operating and safety standards
- Ideal for VERY INTENSE use in the two different versions:
  - 400 V three-phase motor, standard opening/closing speed of 1.0 m/s
  - INVERTER*motion* device, 230 V single-phase motor differentiated speed adjustment, opens at up to 2.0 m/s and closes at up to 0.8 m/s
- An exclusive electronic device, the SLE – Safety Linear Encoder, Patent Pending, is available to reverse the motor when closing. The SLE controls the closing speed by means of the side hinge elements, generating the reverse command in the event that the closing movement is impeded
- Self-supporting metal structure made of hot-galvanised steel with optional AISI 304 stainless steel or painted versions
- Front motor with protective cover in ABS in a pleasant and exclusive design, with easy and rapid access to quickly check the components
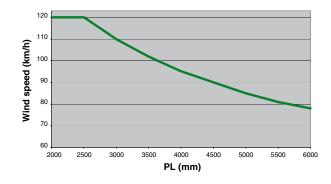
- Semi-automatic release for emergency re-opening (optional) which can be made completely automatic with the APS system
- Safety photocell pairs are available in an IP67 container and are incorporated into the uprights H 200 mm from ground
- Barriers with self-testing safety photocells, covering 2500 mm from the ground; the curtain sliding area is monitored by optical sensors which are deactivated progressively during closure (optional)
- IP55 rated electronic panel, complete with open - partial opening - close - stop membrane push-button panel with AUTOTEST function, in compliance with European Directives 2006/42/EC and 89/106/EC.
  TÜV certified
- Passive lower edge made of shock proof material, complete with polyester lining pocket in the same colour as the curtain
- Pre-cabled, "Plug & Play" doors for easy, fast installation

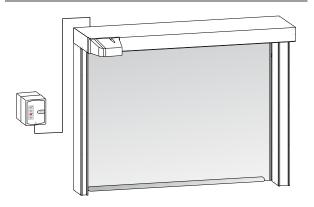## Technical detail: motor and SLE device
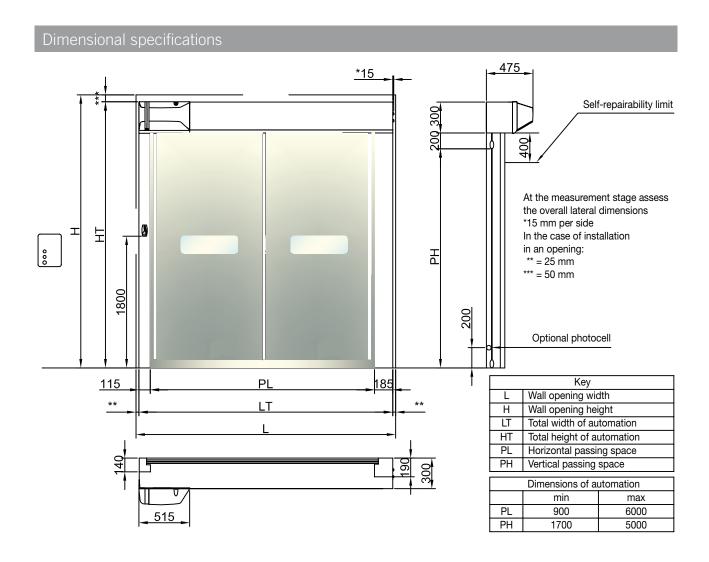

Static wind resistance
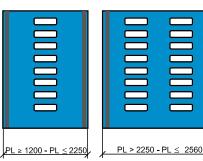

Electrical connection

Curtain features

- Available in four different types of flexible curtain, made of tear-resistant polyester, fitted with special vertical reinforcement strips:

  1. **Standard**: 900 g/m² - thickness 0.7 mm, in a wide range of colours: Red similar to RAL 3000, Blue similar to RAL 5010, Orange similar to RAL 2004, Grey similar to RAL 7038, Yellow similar to RAL 1021, Green similar to RAL 6026, Cream similar to RAL 1014, White similar to RAL 9016, Sky Blue similar to RAL 5012

  2. **Reinforced**: 1200 g/m² - thickness approx. 1 mm in blue, grey or red

  3. **Insulated**: thickness 3.5 mm in blue or grey with a high insulation coefficient Ug 4.0 W/m²K (only in this case, the vertical reinforcement strips cannot be applied)

  4. **Eco**: for specific applications in the food industry: 680 g/m² - thickness 0.5 mm, FDA certified (Food and Drug Administration CFR 21 175.300 Table 2 Section E) and compliant with the European CEE directives relevant to the sector
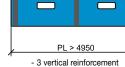
- Standard see-through PVC window sections (980 x H 300 mm) optional larger window sections (920 x H 1600 mm) sized and positioned according to need (see drawing on the back)

- Standard vertical reinforcement and thickening strips (2 with PL ≤ 2560 - 3 with PL > 2560)

- Possible addition of standard silkscreen prints (L max 400 x H max 800 mm) and partial (L max 2000 x H max 2000 mm) or total digital prints (L max 2300 x H unlimited).
  The new digital printing option can only be applied to entire standard white curtains, without reinforcement strips and window sections

Dimensional specifications

At the measurement stage assess the overall lateral dimensions
*15 mm per side
In the case of installation in an opening:
 ** = 25 mm
*** = 50 mm

Self-repairability limit

Optional photocell

Key	
L	Wall opening width
H	Wall opening height
LT	Total width of automation
HT	Total height of automation
PL	Horizontal passing space
PH	Vertical passing space

Dimensions of automation		
	min	max
PL	900	6000
PH	1700	5000

STANDARD WINDOW SECTIONS (980 x H 300)

* OPTIONAL (cod. SARV4F)

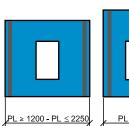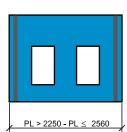| PL ≥ 1200 - PL ≤ 2250	PL > 2250 - PL ≤ 2560	PL > 2560	PL > 3750	PL > 4950
- 2 vertical reinforcement strips, standard - 1 row of window sections, optional	- 2 vertical reinforcement strips, standard - 1 or max 2 rows of window sections, optional	- 3 vertical reinforcement strips, standard - 2 rows of window sections, optional	- 4 vertical reinforcement strips, optional - 1 or 3 rows of window sections, optional	- 3 vertical reinforcement strips, standard - 2 or 4 rows of window sections, optional

LARGER WINDOW SECTIONS (920 x H 1600) applicable in the PH range in the price list
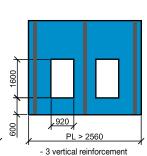
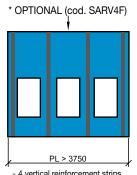N.B. for PH < 2000 part of the window section rolls up into the beam

* OPTIONAL (cod. SARV4F)

PL ≥ 1200 - PL ≤ 2250	PL > 2250 - PL ≤ 2560	PL > 2560	PL > 3750	PL > 4950
- 2 vertical reinforcement strips, standard - 1 window section, optional	- 2 vertical reinforcement strips, standard - 1 or 2 window sections, optional	- 3 vertical reinforcement strips, standard - 2 window sections, optional	- 4 vertical reinforcement strips, optional - 1 or 3 window sections, optional	- 3 vertical reinforcement strips, standard - 2 or 4 window sections, optional

STANDARD WINDOW SECTIONS

8	5000
7	4500
6	4000
5	3500
4	3000
3	2500
2	2000
1	1500
	1000
Window position	Up to PH

EXAMPLE OF
HOW TO READ THE TABLE:
PH ≤ 2500 we can insert
window sections
from pos. 1 to pos. 3

STANDARD AND LARGER WINDOW SECTIONS

	PL					
	< 1200	≤ 2250	≤ 2560	> 2560	> 3750	> 4950
Window sections	-	1	1 or 2	2	1 or 3	2 or 4
Vertical reinforcement strips	2	2	2	3	4*	3

* option available only with 1 or 3 window sections and PL > 3750

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