



Vertical sliding door (guillotine) for cold room equipped with CE EN13241-1 certified anti-fall safety systems. This door is mainly used in facilities where it isn't possible to install sliding door.

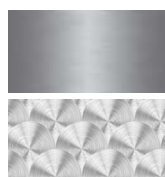


- Standard door leaf with Polyurethane insulation supplied from BAYER fire retardant (Germany) of density 40-42 kg/m<sup>3</sup> non flammable, with injection at heated press of 500 tonnes. Door surface made from German steel sheets 30% thicker than the competition, plasticized to a thickness of 200 µm with Sanitary Steel film coating with antibacterial properties.
- Motion is conveyed by 2 Ø6mm cables. They are positioned on the right and on the left corners in order to correctly lift the door. The door is well balanced by one only counterweight. This is to let the mounting be easier and to reduce the side dimensions. The sliding guides have been especially conceived for such a door and they meet all the safety, sturdiness and easy installation requirements. The limit stop grants a perfect baskets crushing. The plastic roller grants a linear motion and reduces the noise.
- The use of 2 cables connected at the same counterweight produces a safety redundancy. This is because whether one cable is cut, the other is able to support the door. In case both the cables are cut, a special falling prevention safety device doesn't allow the door to fall down.
- Possibility of choice between manual opening-closing or automated via a mechanism with a motor connected to a multifunction panel. Switchgear IP 56 is suitable for installation in a moist environment and includes an electronic circuit for controlling the functions and an inverter to control the paths during operation of the opening-closing and the necessary needs in electrical power in respect to the security settings.

## OPTIONS



Plastified sheet  
(standard)



Stainless steel sheet  
(optional)



Decorative protective bumpers

## AVAILABLE COLORS



RAL1006



RAL2009



RAL3001



RAL5015



RAL9010



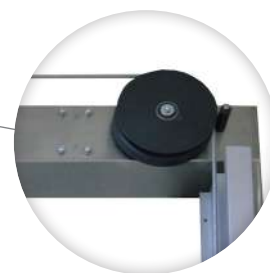
RAL7047 Pebbled



RAL9002



Motor



Lifting Pulley

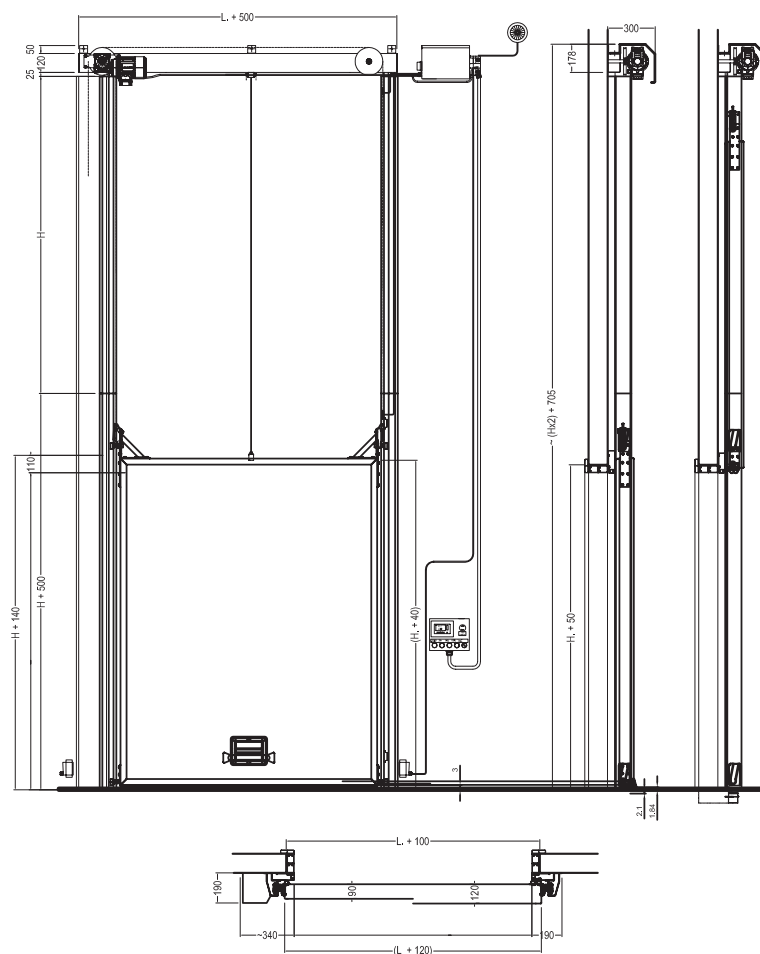


Sliding Guide



Automation Control Panel

## TECHNICAL DRAWING



	MOD VTL 90	MOD VTL 120
Application		
Chiller Room	●	
Freezer Room		●
Temperature	0 °C	-25 °C
Net Opening Dimensions (mm)*		
Minimum Width	800	800
Minimum Height	2000	2000
Maximum Width	3000	3000
Maximum Height	3500	3500
Door Thickness (mm)		
Leaf Thickness	90	120
Minimum Panel Thickness	60	120
Maximum Panel Thickness	100	200
Options		
Plastified Surface **	●	●
Inox Surface	○	○
Full Inox	○	○
Electric Sliding	○	○
Accessories		
Heating Element		Single
Decorative Bars	○	○

- Standard  
○ Optional

\* For custom dimensions contact with A. Motors office.

\*\* Colors other than white come with extra charge.



Self-repairing

The fast roll door is the ideal solution for separate areas and departments, commercial and industrial buildings with wind resistance Class 3. Does not include inner horizontal metal bars, that could cause injury.













- Metal structure, with toggle at the top and winding axis aligned with side bearings, supported by vertical columns that include sliding drivers of polizene (high molecular density material), self-lubricated, suitable for the rolling the hinges - zipper.
- Fast roll door bring polyester fabric coated with PVC on both sides, with strong construction and durability, weight 1300gr/m<sup>2</sup> and thickness 1,3mm, self-extinguishing Class 2 EN ISO 2060 with resistance at temperatures from +70 °C to -10 °C. The side edges seal at the drivers of zipper type.
- The PVC fabric is available in various colors and includes portholes at the eye level of the average man, from transparent crystal material with protection from UV radiation, and wireless security sensing in a housing mounted on the bottom edge. Does not include inner horizontal metal bars, that could cause injury.
- The motion of the winding axis is via three-phase electric motor 380 V - 50 Hz as standard IP 55 CE, with gearmotor and electric brakes, suitable for continuous use, 220 V power supply with inverter with multiple settings (such as speed of opening-closing, feature of partial opening, slowdown at the end of the track in the opening-closing, time adjustment of automatic shutdown, etc.).
- The settings are made via handheld micro computer in few minutes, versus the doors of the competition that require settings manually and mechanically, with repeated and time consuming trials until you achieve the desired result.
- Maximum opening speed is 2,5 m/sec (adjustable according to choice).
- The fast roll door is repositionable automatically at the drivers, i.e. in case of accidental possible impact, the fabric comes out of the side guides and when the winding begins it reenters to the drivers without any external intervention.

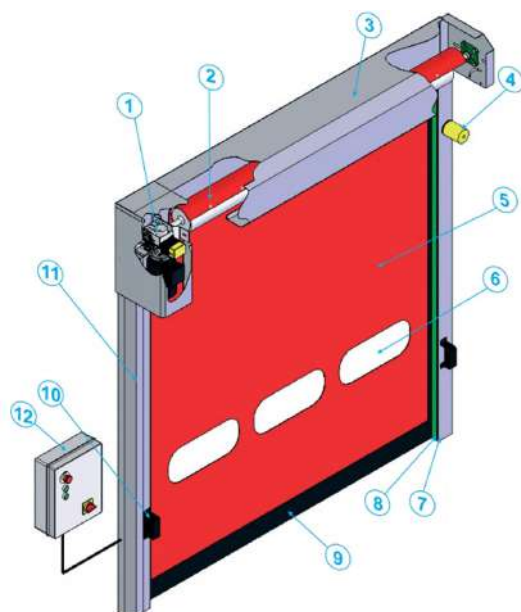
#### INCLUDED:

- Manual safety device for the opening of fast roll door in case of power failure.
- An electrical panel, dimensions 300 x 400 x 150 mm, with internal card door and lock system, with led fault alarm display and opening-closing emergency button with degree of protection IP 56.
- A set of infrared safety photocells adjustable through 180°.
- A signage flashing light of motion of the door IP 55 CE.
- An opening-closing inner control button IP 65 CE.

#### AVAILABLE COLORS

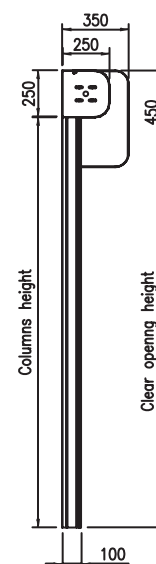
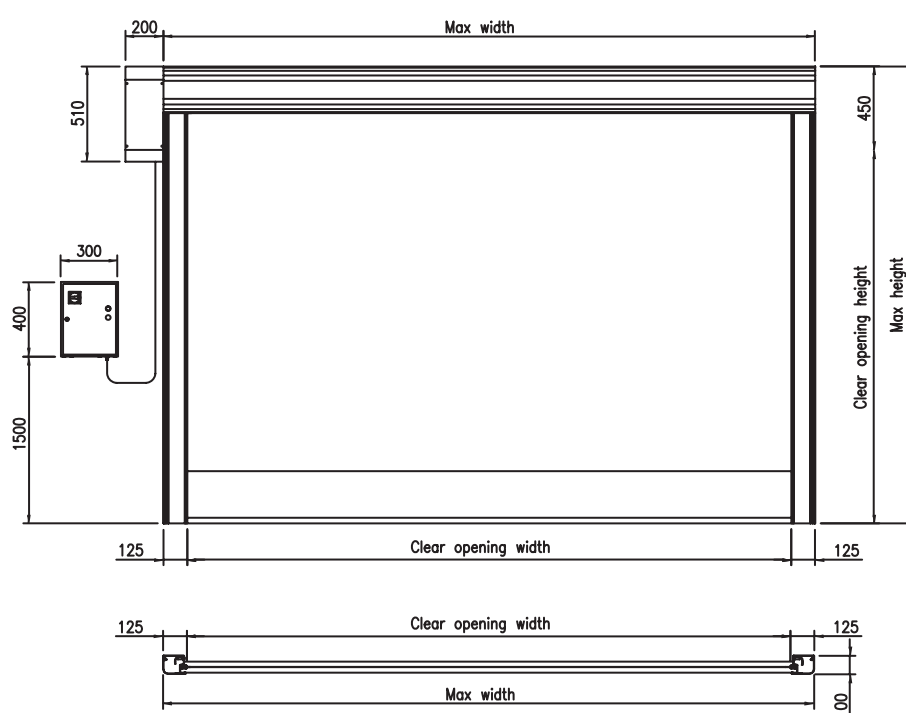
				
RAL1013	RAL1021	RAL2008	RAL3000	RAL5005
				
RAL5012	RAL6026	RAL7038	RAL9005	RAL9016

1. Winder Motor
2. Winder Roller
3. Upper Guard
4. Flashing Light
5. PVC Fabric
6. Window



7. Side Guide
8. Plastic Latches
9. Sensitive Edge
10. Photocell
11. Frame
12. Control Panel

## TECHNICAL DRAWING





Project with multiple fast roll doors

	MOD FRD	MOD FRD-INX	MOD FRD-RG	MOD FRD-CR
Application				
Industry	●			
Food Processing		●		
Cold Storage			●	
Clean Room				●
Net Opening Dimensions (mm)*				
Minimum Width	1500	1500	1500	1500
Minimum Height	2000	2000	2000	2000
Maximum Width	6000	4000	3000	2000
Maximum Height	8000	6500	7000	4500
Options				
Galvanized Frame	●		●	
Inox Frame		●		●
Portholes	●	●	●	●
Remote Control	○	○	○	○
Motion Detector	○	○	○	○

● Standard  
○ Optional

\* For custom dimensions contact with A. Motors office.





Flexible swing doors are ideal for clean areas such as food industries, food preparation laboratories, restaurants, supermarkets, hotels, professional kitchens and caterings, ensuring safe and easy traffic flow. They prevent dust and insects from coming through the working area.



- Flexible swing doors are made of high quality flexible PVC sheet, and aluminum frame. Door accessories can be galvanized or stainless steel, according to client's requirements and specifications.
- These swing doors have a heavy duty construction with standard surface finish in anodized silver or white painted.
- Steel hardware components are made in galvanized steel which ensures durability and protection against rust or top quality stainless steel which is especially good for food or chemical factories with aggressive environments.
- All components are designed in two sizes:
  - Small size: for small pedestrian opening which are up to 2,5m (W) x 2,5m (H) double leaf door, with flexible PVC sheet thickness from 4 to 7 mm.
  - Large size: reinforced for opening up to 3m (W) x 3,5m (H) double leaf door, with flexible PVC sheet thickness from 7 to 10 mm.
- Door leaf with a variety of colors.

	MOD FLX1	MOD FLX2
Application		
Single Leaf	●	
Double Leaf		●
Net Opening Dimensions (mm)*		
Minimum Width	800	1600
Minimum Height	2000	2000
Maximum Width	1500	3000
Maximum Height	2500	2500
Options		
Galvanized Frame	●	●
Inox Frame	○	○
Part Transparent	●	●
Full Transparent	○	○

- Standard  
○ Optional

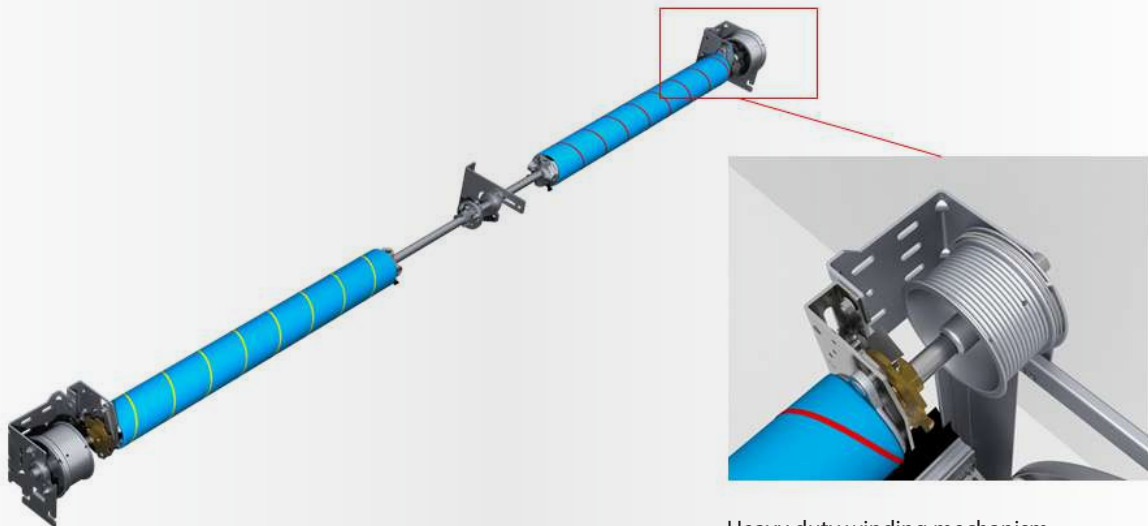
\* For custom dimensions contact with A. Motors office.



Sectional overhead doors from polyurethane panel for medium and large openings, of panel thickness 40-60-80mm. They are mainly used from food industries, warehouses or chiller and freezer cold rooms.



- The thickness of the panels of the door is 80mm also suitable for the use in cold rooms (working temperature -20°C / 40 °C).
- The door opens electrically with a single phase 70 Nm operator (0,5 kW, 21rpm, quick release, 1x230V) with 3 pre-wired mechanical limit switches.
- A basic control unit is available for automatic control and a wall installation bracket.
- There are special sealing gaskets at the connections of the panels with perfect grip.
- The max cycles per hour are 12.
- There is also a protection photocell system that blocks the door as soon as the integrated safety reversing sensor senses the presence of people or objects from below, as well as a fall protection system of the door (in the event of the cutting of the rope wire or spring).



Heavy duty winding mechanism



Easy transport



Easy installation

	MOD SEC40	MOD SEC80
Application		
Industry	●	
Cold Storage		●
Net Opening Dimensions (mm)*		
Minimum Width	2000	2000
Minimum Height	2000	2000
Maximum Width	5000	4000
Maximum Height	6000	6000
Options		
Portholes	○	○
Remote Control	○	○
Motion Detector	○	○

● Standard  
○ Optional

\* For custom dimensions contact with A. Motors office.



Sectional overhead door with windows



Our products are constructed in our modern facilities in Kryoneri Industrial Area, Athens, in compliance with German DIN standards of Berlin Technical University & HACCP specifications.

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