

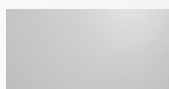


The sliding doors can be used when the opening is bigger than 1,50m, when pallet trucks – clarks enter the cold room, when the personnel has to open the doors very often and when the space in front of the door must be free. They are perfect for industries large cargo and in facilities where the continuous opening the door is required. The specifications and the manufacturing method applied make them ideal for food industries such as fruit packaging units, meat industries, dairies, logistics and more.



- Standard door leaf with Polyurethane insulation supplied from BAYER fire retardant (Germany) of density 40-42 kg/m³ 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.
- Angle - shaped frame, made from heavy duty, robust and reinforced with marine plywood, PVC, with modern German design and high mechanical strength. In accordance with HACCP standards. EASY-PASS (quick & easy assembly).
- Slide mechanism of modern design, exceptional sliding properties. Very soft closing and easy disengagement. Slide mechanism cover made from aluminium profile.
- Standard aluminum side panel, anodized, adapted to panels. It ensures perfect adhesion at the gaskets, without extra components on the floor.
- External shutter Inox 304 of modern design, extra heavy duty lever.
- Border gaskets, insulating properties with Beehive cells and perfect adhesion, and with door heating element installed for the defrosting.
- Five year written guarantee.
- Wide colour range.

OPTIONS



Plastified sheet
(standard)



Stainless steel sheet
(optional)



Large dimensions window



Safety key lock



Decorative protective bumpers

AVAILABLE COLORS



RAL1006



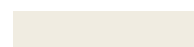
RAL2009



RAL3001



RAL5015



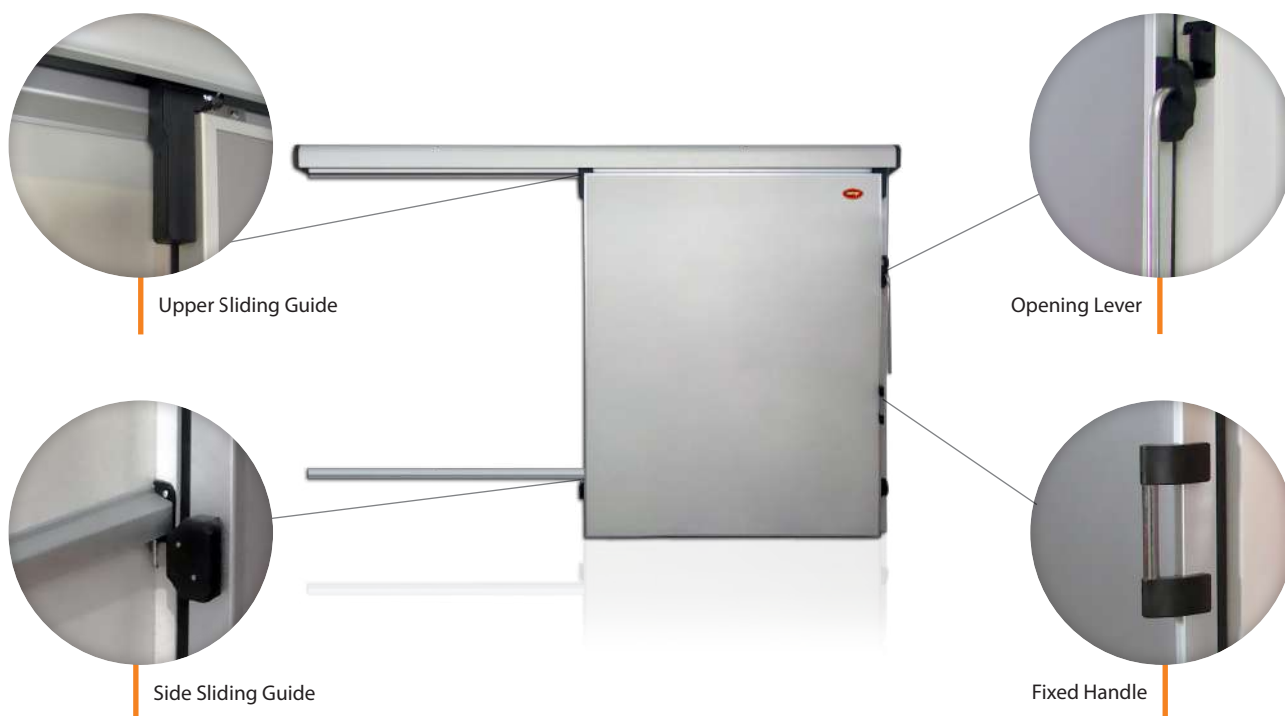
RAL9010



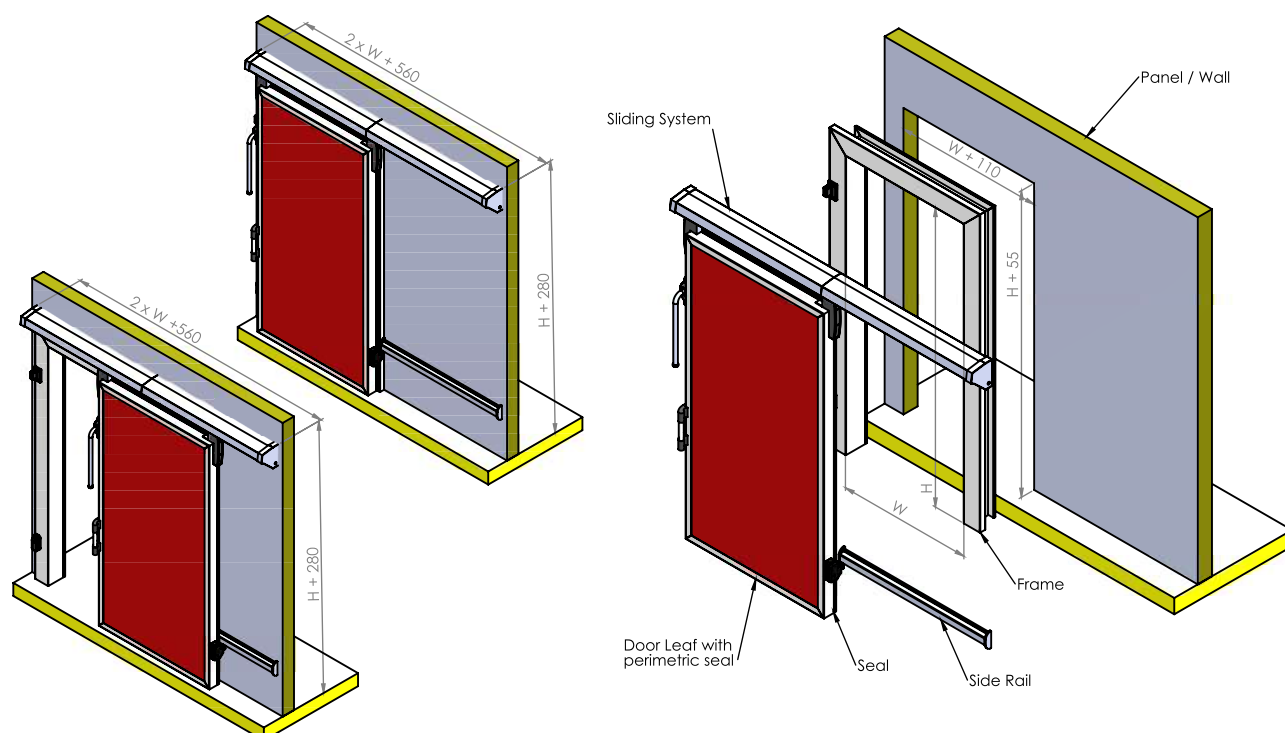
RAL7047 Pebbled



RAL9002



TECHNICAL DRAWING





Small dimensions sliding doors have the same materials as standard doors and the same frame of thick reinforced PVC, to interrupt thermal bridges. The dimensions of the clear opening in the chiller and freezer doors (net opening) are up to 1.20m in width and up to 2.40m in height.

Due to the small size and light weight, a corresponding sliding mechanism is installed with great success, as an economical solution. The whole opening - closing operating system works perfectly for long-term and hard use.

Factory warranty of good operation is provided.

AVAILABLE COLORS



RAL1006



RAL7047 Pebbled



RAL2009



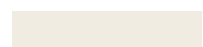
RAL9002



RAL3001



RAL5015



RAL9010



OPTIONS



Motion detector (radar) for automatic opening of the door with identification of people or vehicles.



Security lock which activates the opening switches (remote control, opening cords, pushbutton) with opportunity of evacuation, from inside even if the door is locked.



Remote control with one or more remote controls, push-button for opening-closing and security mushroom on the control panel. Opportunity for partial opening.



Special mechanism which in case of power failure, disconnects the chain from the motor and the door opens easily as a manual door.



Possibility of movement of the door with belt instead of chain for silent operation of the opening-closing.



Torque limiter as an extra safety device of the electric sliding door.

- Automatic activation of sliding door 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.
- All automation system is pre-cabled therefore the connection of the board becomes easy through a multipolar connector which is located at the bottom of the board. There are already preinstalled factory settings which are easily changed depending on the needs of each user.
- Speed is set to 0,27 m/sec (as per regulations) and the engine has a reversible reducer. The speed can change easily from the board.
- The primary safety device for crash protection is a sensitive bar resistant type, located on the vertical edge of the door panel, which in case of impact with an obstacle, automatically stops the door and reverses motion.
- The controls of the STOP (end of movement) during the opening and closing is activated by a micro switch. The transmission is through a chain with adjustable power and not with tapes for cost reasons with breakage problems.
- Safety photocells which in case of obstacle detection during duration of closing, they revert the door motion to avoid collision.
- A yellow light is flashing signals that the door is in motion. Besides the many arrangements for opening – closing the door from the board, two cords connected to switches are placed in front and behind the door (at desired distances) to facilitate the operator of the forklift at the entrance and exit of the cold room.
- The above automation system for sliding electric doors is certified with CE. In case of power failure the door is operated manually.
- In addition to the usual dimensions, our company specializes in the construction of large wide electric doors up to 4000mm x 6500mm.

AVAILABLE COLORS



RAL1006



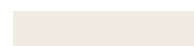
RAL2009



RAL3001



RAL5015



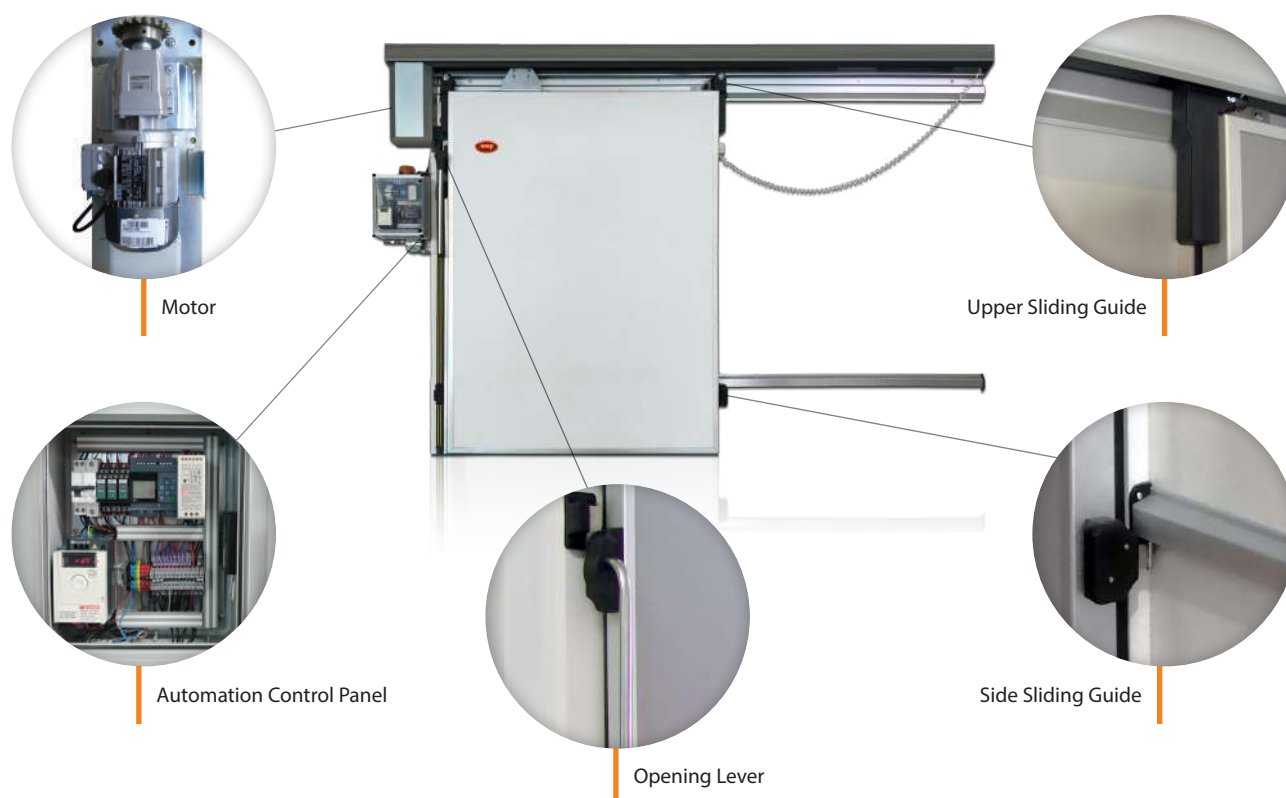
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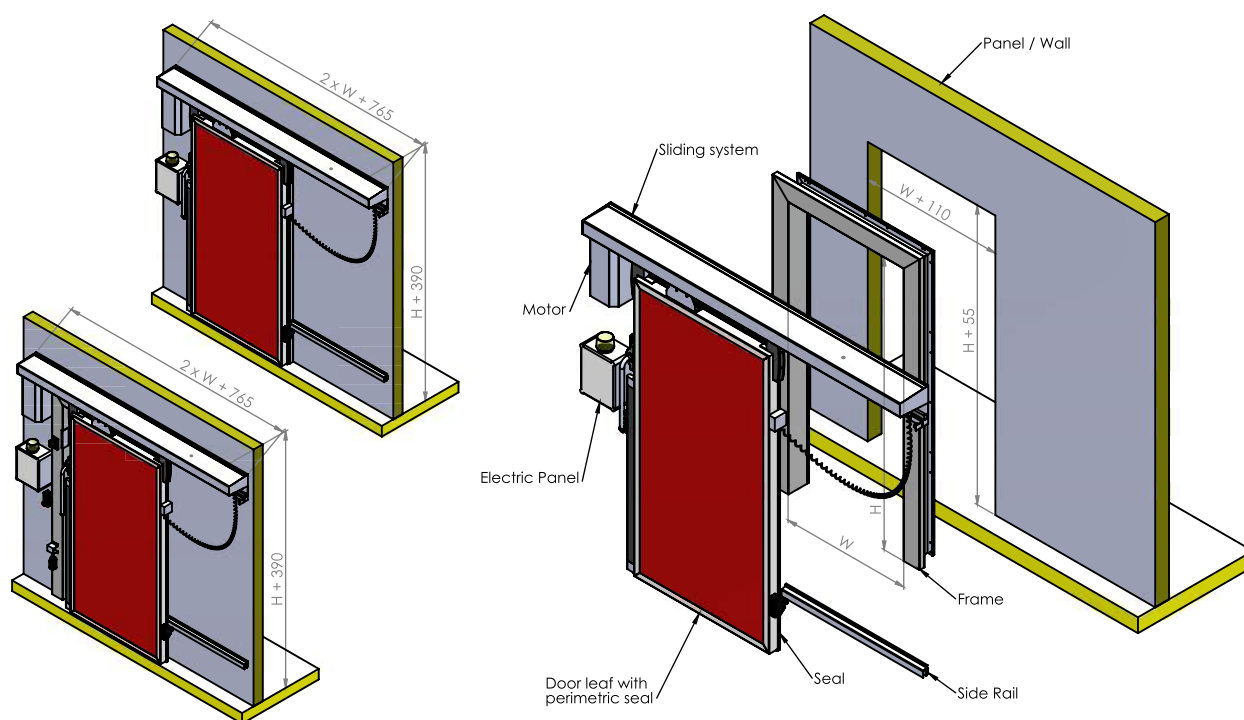
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RAL9002



ELECTRIC SLIDING TECHNICAL DRAWING





Electric Sliding Door

Electric sliding cold storage door of large height and width.



In special cases, where the opening is large but there is not enough space on one side to allow the door to slide, a double sliding door is used whose leaves open to both left and right direction.

WITH HUMAN PASSAGE



Human passage is used on sliding door for easy and fast passage of the people. It is used especially when the sliding door is large size and opening-closing of the door from staff is not always necessary.

The human passage blocks hermetically on the sliding door with perimetric gasket, and at the bottom part the floor remains free for the easy access of the personnel.



The controlled atmosphere sliding door is suitable for application in a fruit and vegetable cold room where absolute gas tightness with the lowest operating temperature of -5 °C is required. Can be used as standard sliding door in chiller room.

The frame around the cold storage door leaf is anodized aluminum, mounted and pressed together with polyurethane to keep the door always flat.

The steel surface of the door is covered with 200 µm plastisol coating to be suitable for use in foodsafe and insulated with 40-42 Kg/m³ polyurethane, non flammable.

The door comes with an inspection window with external locking handle and magnetic seal.

The closing valves seal airtight the door, providing perfect door-to-door contact, perfect insulation between the interior and exterior of the cold room. The frame is greatly reinforced to withstand the pressure of the closing valves.

The side guide of aluminum profile ensures perfect and straight slip of the leaf when opening and closing.

Heavy duty plastic rollers are used to slide the door along the sliding guide, and to adjust height and depth.

	MOD 808TP	MOD 809TP	MOD 809TL	MOD 812TXL	MOD 812TXXL
Application					
Chiller Room	●	●			
Freezer Room			●	●	●
Temperature	0 °C	0 °C	-25 °C	-30 °C	-40 °C
Net Opening Dimensions (mm)*					
Minimum Width	800	800	800	800	800
Minimum Height	2000	2000	2000	2000	2000
Maximum Width	3000	3000	3000	3000	3000
Maximum Height	4000	4000	4000	4000	4000
Door Leaf Thickness (mm)					
Leaf Thickness	80	90	90	120	120
Minimum Panel Thickness	60	80	100	100	100
Maximum Panel Thickness	80	100	200	200	200
Options					
Plastified Surface **	●	●	●	●	●
Inox Surface	○	○	○	○	○
Full Inox	○	○	○	○	○
Light Duty	○	○	○		
Electric Sliding	○	○	○	○	○
Human Passage	○	○	○	○	
Controlled Atmosphere	○	○			
Hook Rail Passage	○	○			
Accessories					
Heating Element			Single	Double	Double
Window	○	○	○	○	○
Lock	○	○	○	○	○
Decorative Bars	○	○	○	○	○
PVC Protective Bars	○	○	○	○	○

- Standard
○ Optional

* For custom dimensions contact with A. Motors office.

** Colors other than white come with extra charge.



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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