



ALAPONT
GLOBAL

Industrial doors

OVERHEAD SECTIONAL DOORS

Sectional doors are a perfect solution for climate-controlled business premises, thanks to the **energy savings** guaranteed by their **insulation capacity**. They open vertically, with the panels moving horizontally under the ceiling, so **their installation is always possible** regardless of the available space.

They are the most practical and safe solution for loading and unloading goods, as they **prevent possible collapses and occupy minimal space**. Their adaptation to the ceiling allows for a high level of functionality and space optimization.

Another advantage of this type of door is its **high thermal and acoustic insulation** power due to the polyurethane insulating core and the sealing joint between panels.

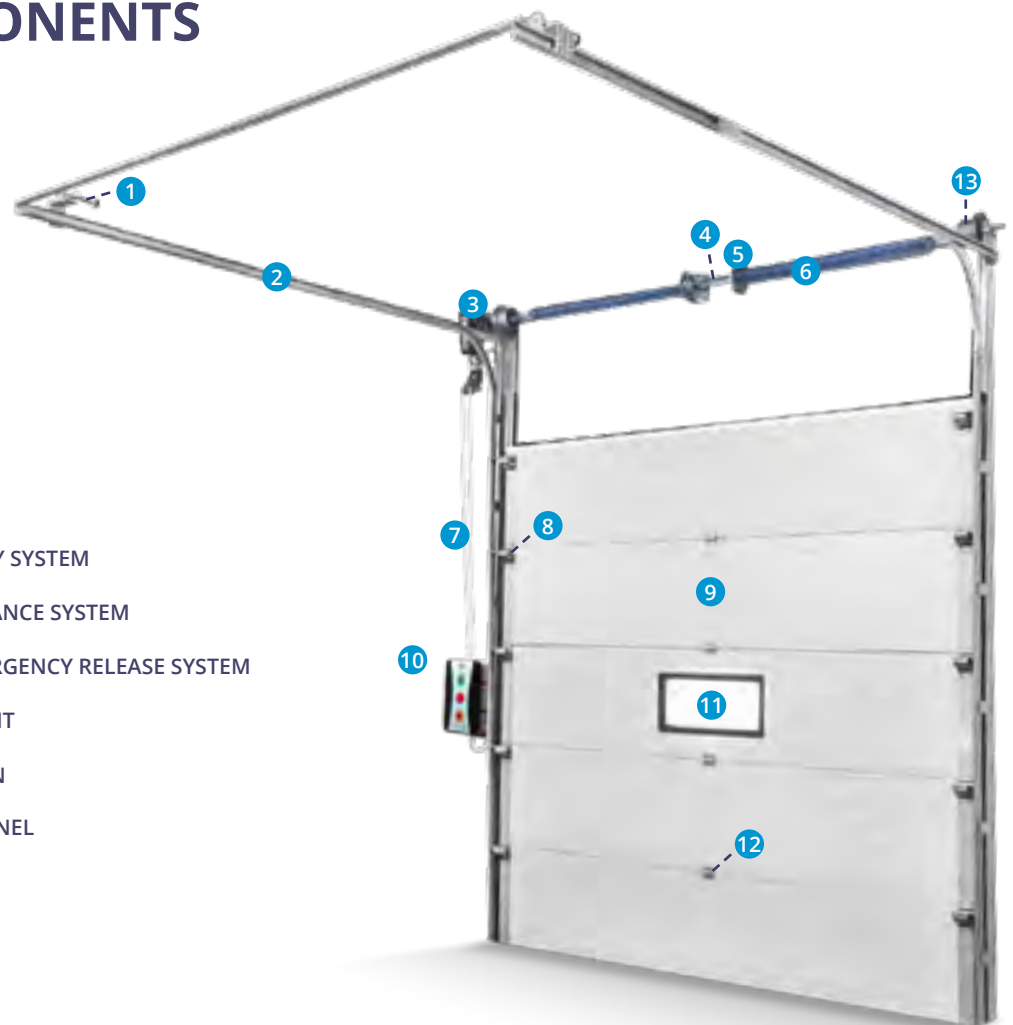


REGULATIONS AND CERTIFICATION

UNE - EN 13241-1	✓
DIN 13241-1	✓
EN 12604	✓
CE MARKING	✓

COMPONENTS

1. LIMIT SWITCH
2. GUIDE RAIL
3. MOTOR
4. SHAFT
5. SPRING SAFETY SYSTEM
6. COUNTERBALANCE SYSTEM
7. MANUAL EMERGENCY RELEASE SYSTEM
8. GUIDE ELEMENT
9. DOOR SECTION
10. CONTROL PANEL
11. VIEWPORT
12. HINGE
13. PULLEY

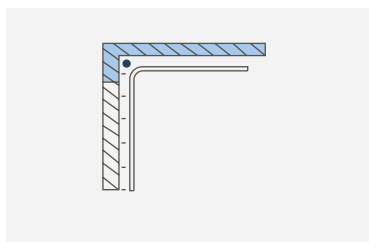


COMPOSITION:

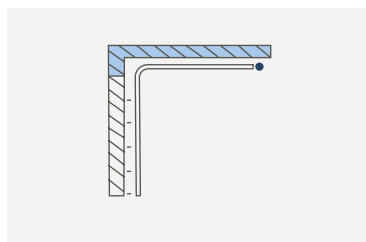
CHARACTERISTICS OF DOOR COMPONENTS	▪ Weight compensation through a set of torsion springs. ▪ Safety device against spring breakage, as well as finger-trapping protection. ▪ Cable drums and side load cables. ▪ Safety device against cable breakage. ▪ Springs with a Powder Coated finish, painted blue for better fatigue response and greater corrosion resistance.
GUIDE TYPE	▪ Galvanized steel with reinforced lateral angle and lateral trim support. ▪ Optional: Stainless steel and white lacquered.
PANEL CHARACTERISTICS	▪ Double-sided galvanized lacquered steel panels, standard RAL 9010, with intermediate thermal and acoustic insulation with 40 mm thick PUR polyurethane foam (80 mm option). Standard heights of 500 and 610 mm. ▪ They also have an insulating core of CFC-free rigid polyurethane foam, with an average density of 40 kg/m³ and an EPDM sealing gasket, which provides impermeability and tightness between the joints. ▪ Interior and exterior sheet metal with Stucco embossing. ▪ Reinforcement inside the panels for lasting grip of side and central hinges. ▪ Anti-crushing system at the joints between panels according to the European standard EN 12604. ▪ High-quality EPDM rubber at the top and bottom of the panel to provide impermeability and airtightness.
HARDWARE	▪ Standard: Galvanized steel ▪ Optional: Stainless steel and white lacquered.
REINFORCEMENTS	▪ Double hinges and omega reinforcements for widths greater than 5 meters.

OPENINGS

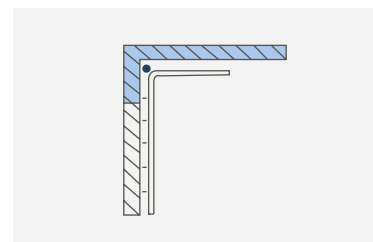
It offers **various opening possibilities** to maximize space utilization.



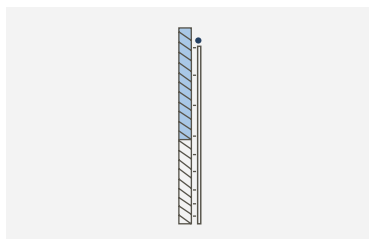
HORIZONTAL



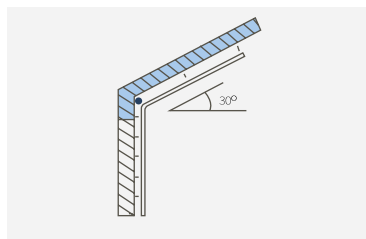
REAR DOCK



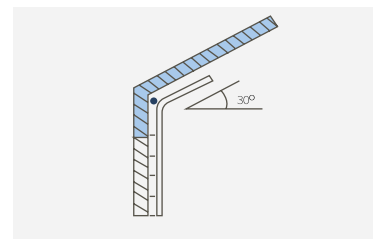
RAISED



VERTICAL



INCLINED



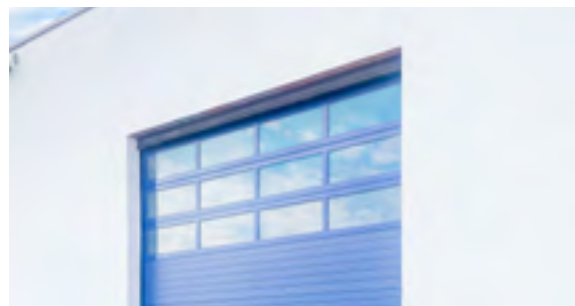
INCLINED AND RAISED

OPTIONS

A wide variety of panels, textures, and colors are available to choose the industrial door that best suits your tastes and needs.

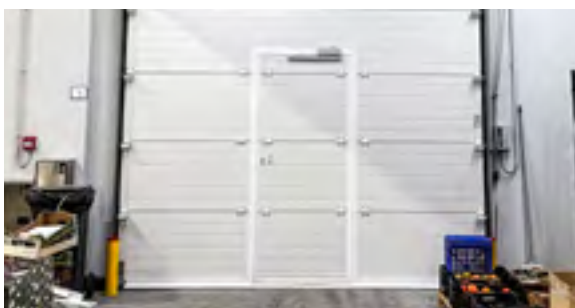


VIEWPORT



FULL VISION PANEL

In acrylic or micro-perforated.



PEDESTRIAN DOOR

The standard model has outward opening. Standard door closer spring.



VENTILATION GRILLE

MOTOR TYPES:

TITAN 50N / 100N

Allows intuitive control of sectional doors via **app** or using voice commands with **Siri or Alexa**. Program schedules, manage virtual users, create intelligences and scenes for openings, closings, and locks, and offers the possibility of automating installations.

- Shaft-mounted motor with absolute encoder and integrated receiver.
- Control box with opening (green) and closing (red) LEDs.
- Control panel with up, down, and stop buttons.
- **Integrated Wi-Fi system** in the software.
- Controls the door from the application, knowing the status at all times in real time, adds and removes virtual users, creates intelligences and scenes for openings, closings, locks, and automates your installations.
- Can be controlled via Siri or Alexa.



TECHNICAL FEATURES

POWER SUPPLY	100V/250V 50Hz/60Hz
POWER	650W
STRENGTH	50N 100N
IP PROTECTION	IP54
MAN PRESENT OPENING	✓
MAN PRESENT CLOSING	✓
AUTOMATIC CLOSING	✓
LAMP CONNECTION	✓
EXTERNAL PUSHBUTTON PANEL	✓
PUSH BUTTON CONNECTION	✓
ACOUSTIC ALARM	✓
EMERGENCY STOP	✓
SOFT OPENING AND CLOSING	✓
SAFETY SYSTEM	Locking
LOADING BAY CONTACT	Yes / Optional
ACCESS CONTROL	Yes / Optional



BATTERY-POWERED MOTOR

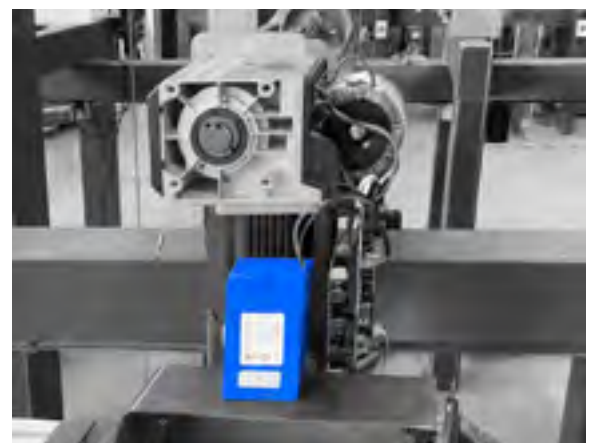
Equipped with a powerful lithium battery, this motor for sectional doors offers safe and quiet operation. Its innovative design guarantees a long service life and optimal performance in any weather condition.

- No safety strap required for doors with dimensions less than 14 m² (≤ 4000 x 3500 mm)
- With soft start and stop, resulting in reduced repair costs.



TECHNICAL FEATURES

MAX. OUTPUT TORQUE	50 Nm
NOMINAL OUTPUT TORQUE	35 Nm
INPUT VOLTAGE	1x 110/220 (1-10%) V / 3x 380-420V
CONTROL SYSTEM	24V DC
MOTOR POWER	450W
STATIC HOLDING TORQUE	400 Nm
OUTPUT SPEED	24 - 32 rpm
LIMIT SWITCH RANGE	15 Turns of output shaft / Hollow shaft
OUTPUT SHAFT / HOLLOW SHAFT	Ø 25.4 mm
DOOR DIMENSION	≤ 22 m ² *
TEMPERATURE THERMAL PROTECTION	105 °C
MAX. CYCLES PER HOUR	20 cycles
PROTECTION CLASS	IP 54
TEMPERATURE RANGE (°C)	-20 °C / +40 °C



Lithium battery