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SECTIONAL DOOR CATALOGUE



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Chosen by investors
at home and in business

Many years of experience in the production of joinery, intensive development of the company and responding to the needs of customers have made us appreciated as the European leader in the production of joinery. In addition, we are one of the largest manufacturers of PVC windows and an employer in Poland.



A garage door is **a purchase for years**

A garage door is a purchase for years. Its durability is one of the most important features that the buyer expects. That is why Eko-Okna provides a five-year manufacturer's warranty for all sectional garage doors manufactured in the company.

During the warranty period, the company will remove all manufacturing defects, including hidden ones, which the user discovers during operation. Their presence is highly unlikely due to the use of proven raw materials and technologies in the production process, the effectiveness of which is confirmed by many years of experience.

Choosing an INFINITI door means your garage will be comfortable and safe for many years to come. In a typical home, there will also be no need for any major maintenance during the warranty period, as the R and F door torsion springs and X door extension springs are designed for many more cycles than the average user.



Highest **quality**

At Eko-Okna, we care about every detail and product quality. The components that we use in production come from reputable suppliers. This gives us a guarantee of quality that we pride ourselves on. We also pay special attention to the accuracy and precision of our products, because thanks to this we are able to guarantee you high quality and unchanging appearance of the gate for many years.

The basic features of INFINITI gates are safety of use, functionality and timelessness. The customer has the option of retrofitting the gate with packages such as INFINITI Quiet, Safe or Premium. Our offer also includes additional elements, such as a beacon with an RTS antenna, a code keypad and an internal wall transmitter. They will improve the functionality of the gate. Additionally, at the customer's request, the door can be equipped with a transition door and an aluminium section.





SECTIONAL GARAGE DOORS

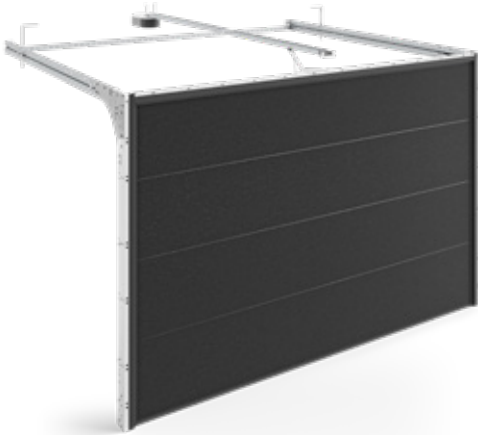
The gate is one of the most exposed and used elements of the house and garage on a daily basis. An important aspect is that the gate should match the entire façade and emphasize its charm.

Over the years, we have analysed the needs of the market and specially created the line of INFINITI sectional doors for you. They meet the current trends, provide safety, warmth and a very high standard of use.



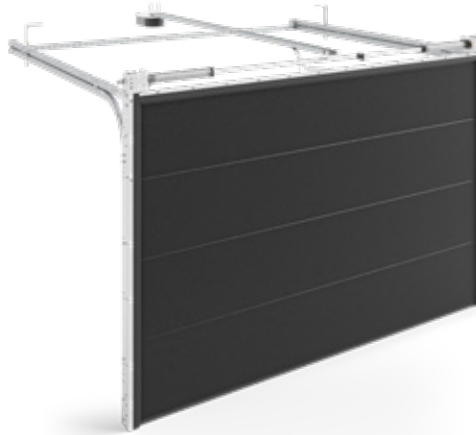
Types of sectional door systems

Customers can choose one of the gate systems we offer.



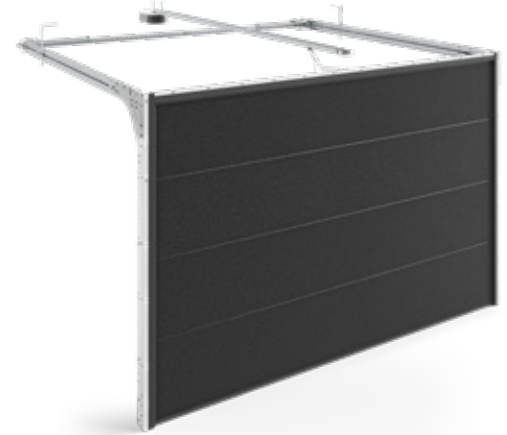
INFINITI X

- maximum weight: 130 kg
- minimum dimensions of jambs: 85 mm
- minimum dimensions of the lintel: 120 mm
- we offer panels with a smooth outer surface, a woodgrain structure with low and high ribbing (varnished according to the rich RAL palette) or veneered
- recommended for installation in small garages
- quick assembly does not require special winding of the springs
- double spring mechanism used



INFINITI F

- maximum weight: 295 kg
- minimum dimensions of jambs: 85 mm
- minimum dimensions of the lintel: 200 mm
- we offer panels with a smooth outer surface, a woodgrain structure with low and high ribbing (varnished according to the rich RAL palette) or veneered
- the torsion spring system is dedicated to large-size gates (max. area of 15 m²)



INFINITI R

- maximum weight: 165 kg
- minimum dimensions of jambs: 85 mm
- minimum dimensions of the lintel: 120 mm
- we offer panels with a smooth outer surface, a woodgrain structure with low and high ribbing (varnished according to the rich RAL palette) or veneered
- torsion springs located in the rear part of the door allow it to be installed in a garage opening with a lower lintel



INFINITI ZERO

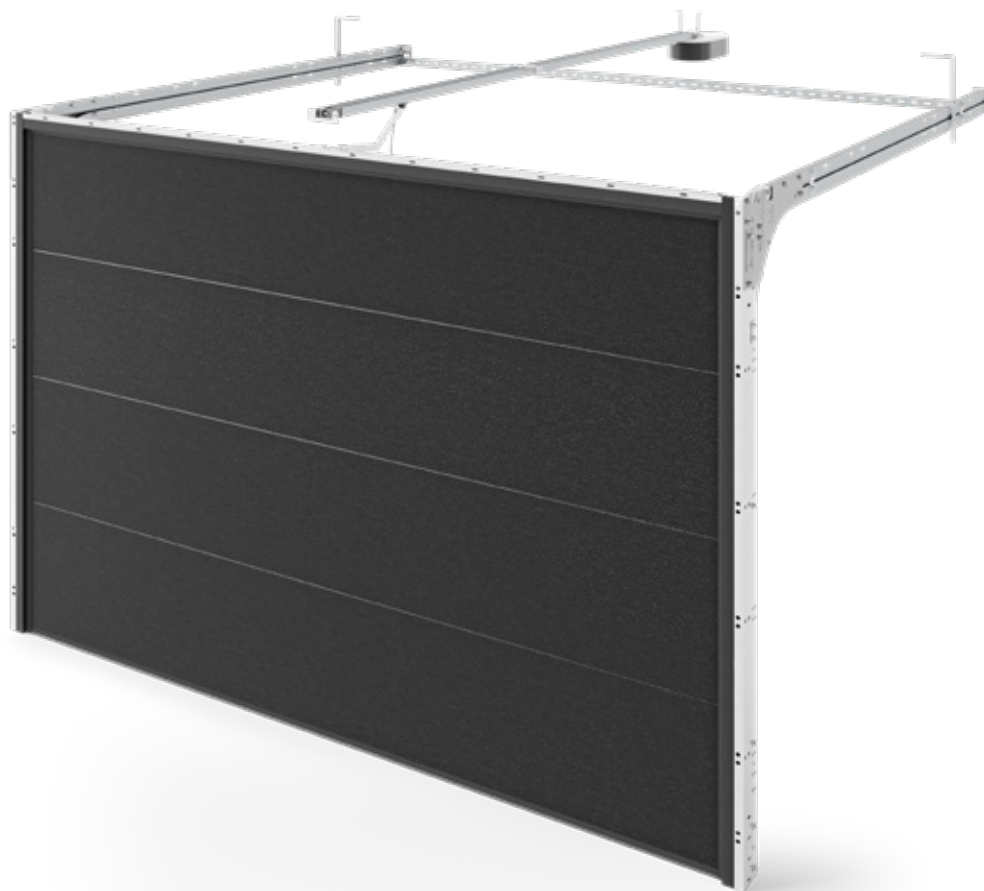
- ideal solution when side space is limited
- fits perfectly with INFINITI X or INFINITI R systems
- 120 mm masking profile for lintels or vertical angles and 85 mm masking profile only for vertical angles
- for use with a maximum garage width of 5500 mm and a maximum ceiling height of 3000 mm
- available in RAL9016 and RAL7016 colours or any RAL colour



INFINITI X

Door system with extension springs

The system with tension springs is recommended for use in garages with a small area. Its assembly is quick and does not require additional winding of the springs. The INFINITI X uses the so-called „spring-in-spring“ mechanism, which allows the safe use of a door sash weighing up to 130 kg. The presence of two springs also provides additional security, eliminating the risk of the highly improbable breakage of one of the springs.

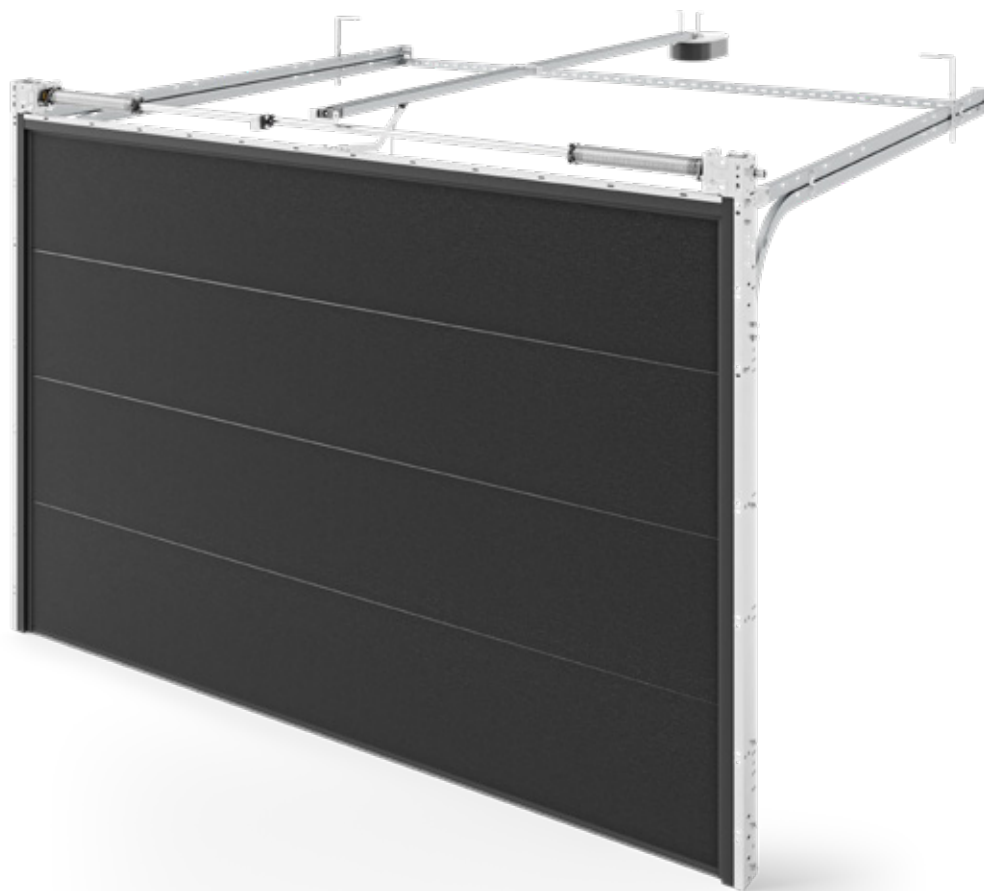


type of drive	manual or automatic
max. surface of the door curtain	9 m ²
max. dimension of the opening	4500 mm 3000 mm
min. jamb width	85 mm
minimum / recommended headroom height	100 / 120 mm
max. headroom height for standard suspensions	430 mm
min. installation depth - without drive	H + 579 mm
min. installation depth with electric drive	for gates up to 2250 mm high - 3150 mm for gates up to 2750 mm high - 3750 mm for gates up to 3000 mm high - 4750 mm

INFINITI F

Door system with torsion springs at the front

Torsion springs are dedicated to large-size gates. They will lift much more weight than extension springs. Installation of doors with torsion springs at the front is possible if the headroom height is at least 200 mm. The maximum gate weight is approximately 295 kg.

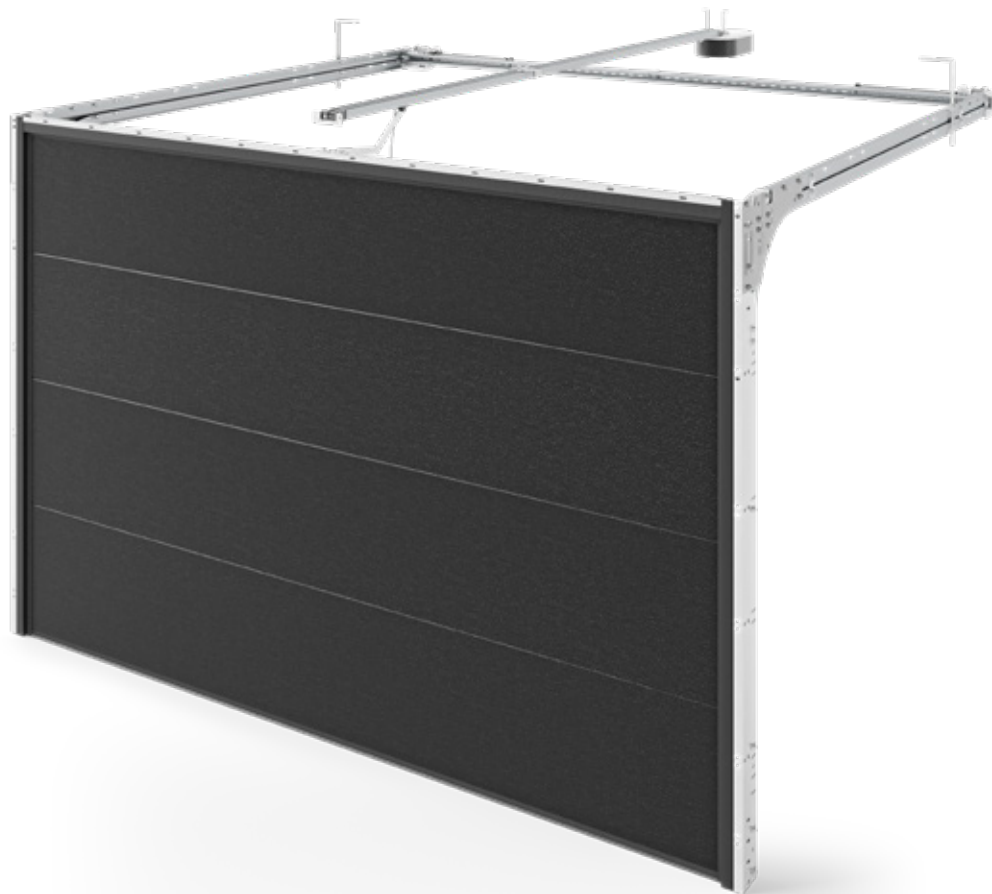


type of drive	manual or automatic
max. surface of the door curtain	15 m ²
max. dimension of the opening	6000 mm 3500 mm
min. jamb width	85 mm
minimum / recommended headroom height	200 mm
max. headroom height for standard suspensions	430 mm
min. installation depth - without drive	H + 575 mm
min. installation depth with electric drive	for gates up to 2250 mm high - 3150 mm for gates up to 2750 mm high - 3750 mm for gates up to 3000 mm high - 4750 mm

INFINITI R

Door system with torsion springs at the rear

The location of the torsion springs in the rear part of the door allows it to be installed in the garage opening with a lower lintel. In this case, a headroom of 90 mm (120 mm in the case of an electric drive) is sufficient. Maximum load capacity up to approximately 165 kg.



type of drive	manual or automatic
max. surface of the door curtain	12,5 m ²
max. dimension of the opening	5500 mm 3000 mm
min. jamb width	85 mm
minimum / recommended headroom height	90 / 120 mm
max. headroom height for standard suspensions	430 mm
min. installation depth - without drive	H + 695 mm
min. installation depth with electric drive	for gates up to 2250 mm high - 3150 mm for gates up to 2750 mm high - 3750 mm for gates up to 3000 mm high - 4750 mm

INFINITI ZERO

When there is no side space or headroom

For situations where side space or headroom is limited, we have designed an add-on for INFINITI systems. These elements allow the set of guides to be mounted directly to the wall or ceiling.

The connections are covered with high-quality profiles that ensure a durable and modern finish. It is an ideal solution for the so-called. tunnel garages or renovation projects where side space or headroom is severely limited.



bracket for mounting
the vertical guide to the wall



HOME ZERO
distance profile



bracket for mounting
the lintel profile to the ceiling



holder for mounting
the horizontal guide to the wall



covering profile that can
be painted in RAL colours



ENDLESS POSSIBILITIES

INFINITI sectional doors offer a lot of possibilities, especially when it comes to additional lighting of the garage or workshop. The door sections can be fitted with very large glazing made of transparent or privacy glass without blocking most of the natural light. Doors with glazed sections are available in the same sizes as the other options. The width of the panoramic glazing can reach up to 3 meters without the use of additional mullions. Possibility of using a ventilation section (expanded mesh filling).



Performance options and decorative applications

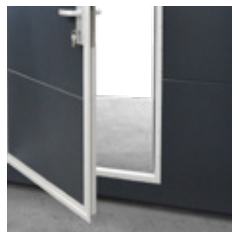


Passage door

Available up to a width of 4.5 meters with a low or high threshold. The possibility of making wider doors should be consulted with the Eko-Okna sales department.



low threshold



high threshold



Glazing

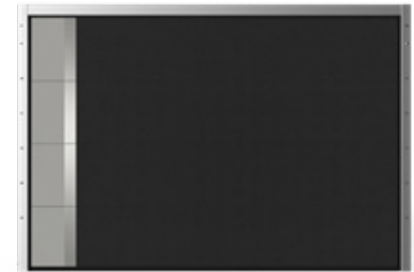
A large selection of insulating glass with inox overlay and acrylic glass in frames made of PVC.



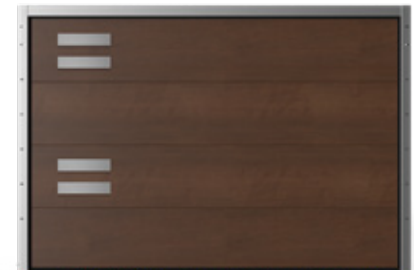
INOX frame, glass pane



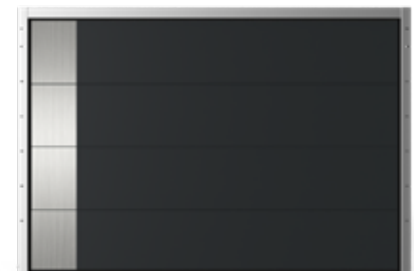
PVC frame, acrylic glass



Torino



Firenze



Verona



Blende

It allows you to create a lintel, if the customer does not have one, and compensates for the unevenness of the opening in which the door is installed. The fascia is varnished in the colour of the gate.



Aluminium / panoramic section

Possibility of making an aluminium section up to 6000 mm or panoramic glass (without chambers) up to 3000 mm.

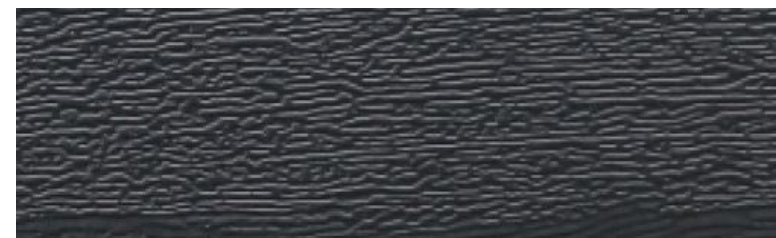




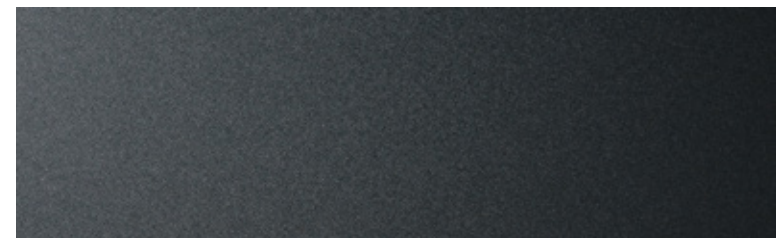
Embossing **patterns** and panel **structures**

Garage door panels from the outside can use wood-like Woodgrain structures, elegant Deep Mat and smooth structures. From the inside, the panels have a smooth structure in a standard colour similar to RAL 9010. All panels can also be optionally equipped with low or high embossing.

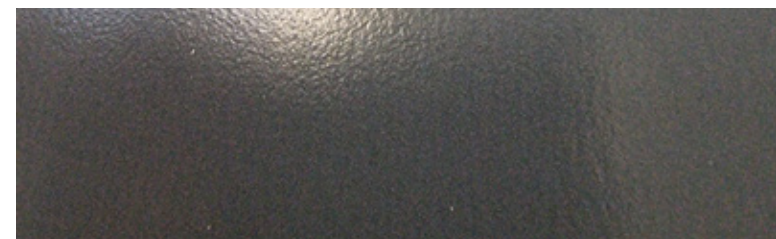
From the inside, the panels have a standard STUCCO structure with low embossing.



Woodgrain



Deep Mat



smooth



L - embossing



V - high embossing



F - no embossing

The image shows a variety of material and color samples for garage door finishing. In the foreground, there are several color swatches in shades of yellow, orange, brown, and grey. Behind them, there are stacks of wood veneer samples in different wood grain patterns, including light oak and dark, textured finishes. The samples are arranged on a dark, wood-grained surface.

COLOUR PALETTE

The perfect match of the garage door to each building provides a wide range of panel finishing options. They can be varnished in any colour from the RAL palette or Aluplast and Salamander veneers can be used. The available options allow for a consistent appearance of the gate and other elements of the joinery.



AP 61 Sand grey

AP 95 Winchester

AP 27 Walnut

AP 19 Turner Oak Malt

7016 smooth

7016 Anthracite - Deep Mat

7016 Anthracite - Woodgrain

9005 Black - smooth

7039 Sand gray - structure

7039 Sand Gray - Deep Mat

9016 White Woodgrain

AP 44 Structural white

A dark blue BMW car is parked inside a garage. The garage is set into a wall made of rough-hewn, grey and brown stones. The car's headlights are on, and its license plate is blurred. The driveway in front of the garage is paved with grey cobblestones. To the right of the garage, there is a concrete planter box with green grasses. In the background, a white building and a tree are visible under a clear sky.

GATE AUTOMATION

Our offer is based on SOMFY automation and Dexxo models with the possibility of being equipped with many accessories. CAME engines are also available.

Comprehensive home control

INFINITI systems are compatible with comprehensive smart home solutions that are controlled via a phone app or with the help of a voice assistant. With the TaHoma® Switch control panel, you get full control over the entire home ecosystem, which may also include e.g. window coverings and lighting. Scenarios created easily and activated with one button significantly increase the comfort of household members.



smartphone control



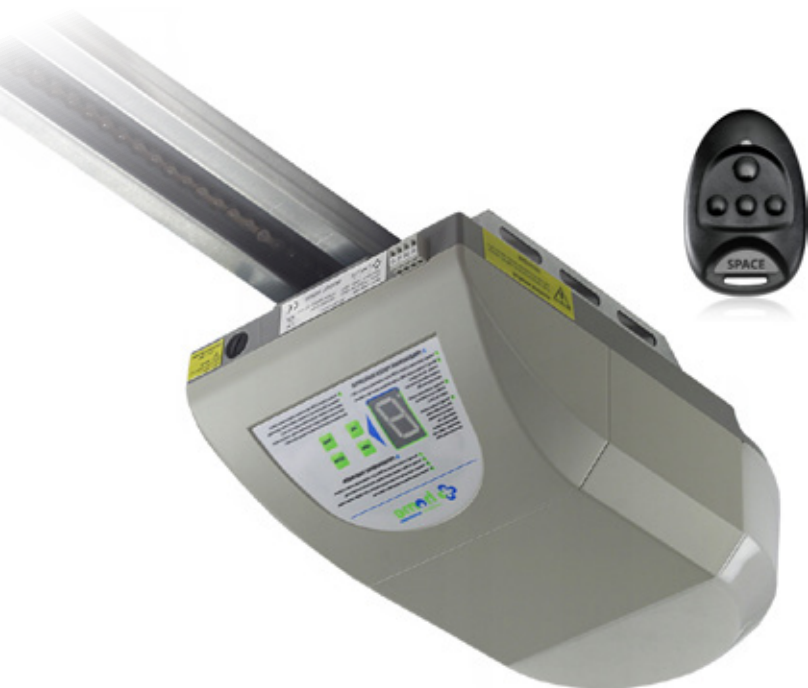
voice assistant



stationary

Dexxo Smart io drive

- Drive ready for operation in less than 90 seconds
- easy programming and easy diagnostics (Set & Go and Serve-e-Go)
- TaHoma® switch: easy remote control of devices via the Internet
- full control of electric drive parameters for accurate, smooth and safe operation
- comprehensive compatibility of accessories and protections



Home HG drive

- smooth soft start „Soft Start” and gentle closing of the gate „Soft Stop”
- programmed limit positions
- motor power adjustment
- built-in anti-crushing encoder - when the gate is moving
- it automatically stops and reverses when it encounters an obstacle



Name	Dexxo Optimo	Dexxo Pro	Dexxo Pro	Smart Io	Smart Io	Home HG	Home HG
Producer	Somfy	Somfy	Somfy	Somfy	Somfy	Came	Came
Radioline	RTS	RTS	RTS	io	io	Space	Space
Frequency	433,42 MHz	433,42 MHz	433,42 MHz	868-870 MHz	868-870 MHz	433,92 MHz	433,92 MHz
Thrust	800	800	1000	800	1000	600	1000
Maximum gate area	10 m ²	12 m ²	15 m ²	12 m ²	15 m ²	10 m ²	14 m ²
Amperometric force measurement	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft start and stop	Yes / programmable	Yes / programmable	Yes / programmable	Yes / programmable	Yes / programmable	-	-
Built-in lighting	LED	LED	LED	LED	LED	Bulb	Bulb
Maximum number of channels	32	32	32	38*	38*	36	36
The number of remotes in the set	2	2	2	2	2	2	2
Type of rails	chain / belt	chain / belt	chain / belt	chain / belt	chain / belt	chain / belt	chain / belt
Gate position feedback	-	-	-	Yes**	Yes**	-	-
Number of cycles per day	20	20/50***	20/50***	20	20	-	-
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Opening speed	max 140 mm/s	max 180 mm/s	max 180 mm/s	max 140 mm/s	max 100 mm/s	96 mm/s	97 mm/s

Gate automation accessories



Keyboard

Operating in the RTS or io technology, the wall keypad allows you to control two devices or their groups. The device runs on batteries and does not need wiring.



Smoove io

Wall transmitter operating in io technology. Battery powered. It allows remote control of the gate operation.



Universal radio receiver

Radio receiver designed for remote control of garage doors. It works in RTS technology. Compatible with TaHoma® Switch..



TaHoma® central unit

Online io & RTS installation manager.



Signal lamp

Signal lamps informing about the opening and closing of the entrance gate provide even greater safety for users.



Backup battery

The battery allows the drive to operate during a power failure, 5-10 cycles of operation within 24 hours, depending on the characteristics.



RTS wall transmitter

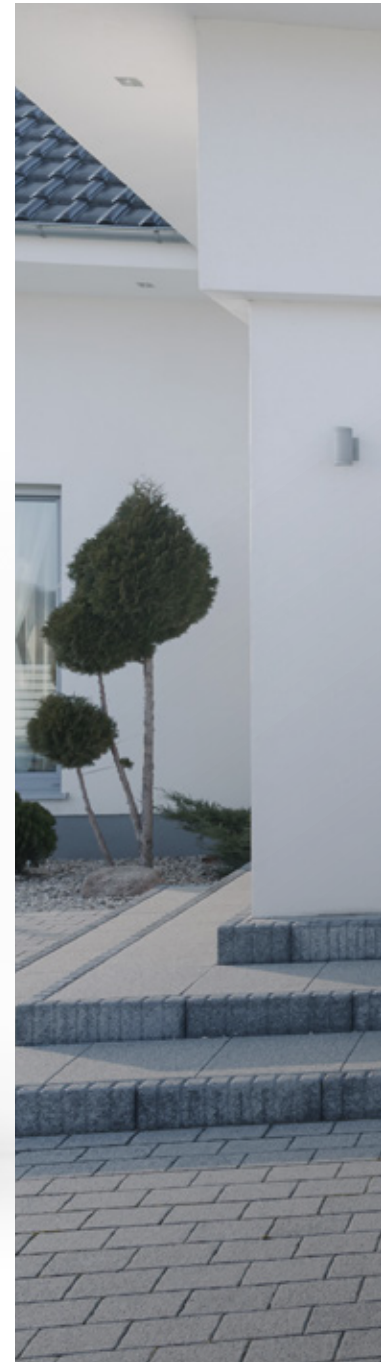
Battery powered RTS radio transmitter. It allows you to control up to 3 devices or their groups from a distance of up to 30 m.



Photocells

The offer includes a set of photocells for gates, which are equipped with a special system that guarantees stopping the gate when it encounters an obstacle on its way.







ALL IN ONE DESIGN

Redefining style

Developed for customers with the most sophisticated tastes and for those who, when designing a house, pay attention to every, even the smallest detail. The aesthetic product line „All in One Design“ not only saves time needed to choose the joinery, but above all, it guarantees a harmonious appearance of windows, doors, gates and roller shutters.

Torino



Foggia





Firenze



Livorno

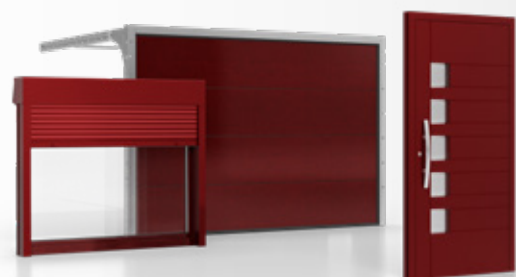


Messina





Modena



Trieste



Verona



GATE EQUIPMENT PACKAGES

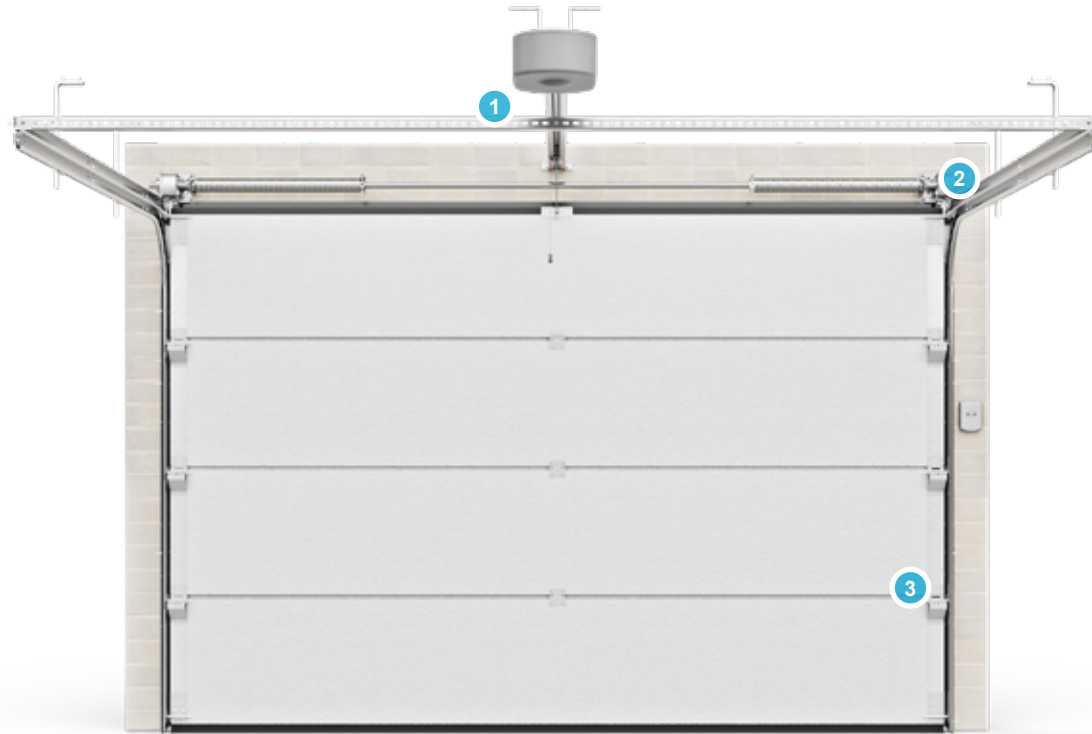
The wide range of options for INFINITI doors has been divided into packages to help investors make the right choice. The packages reduce the noise level of the gates and improve the safety of their use.





Even quieter with the **INFINITI Quiet**

The noise that surrounds us from everywhere is a source of discomfort and negatively affects our health and that of our loved ones. The additions from the INFINITI QUIET package reduce the noise of the door operation and ensure that it does not disturb the rest of the household.



strap rail



silent rollers

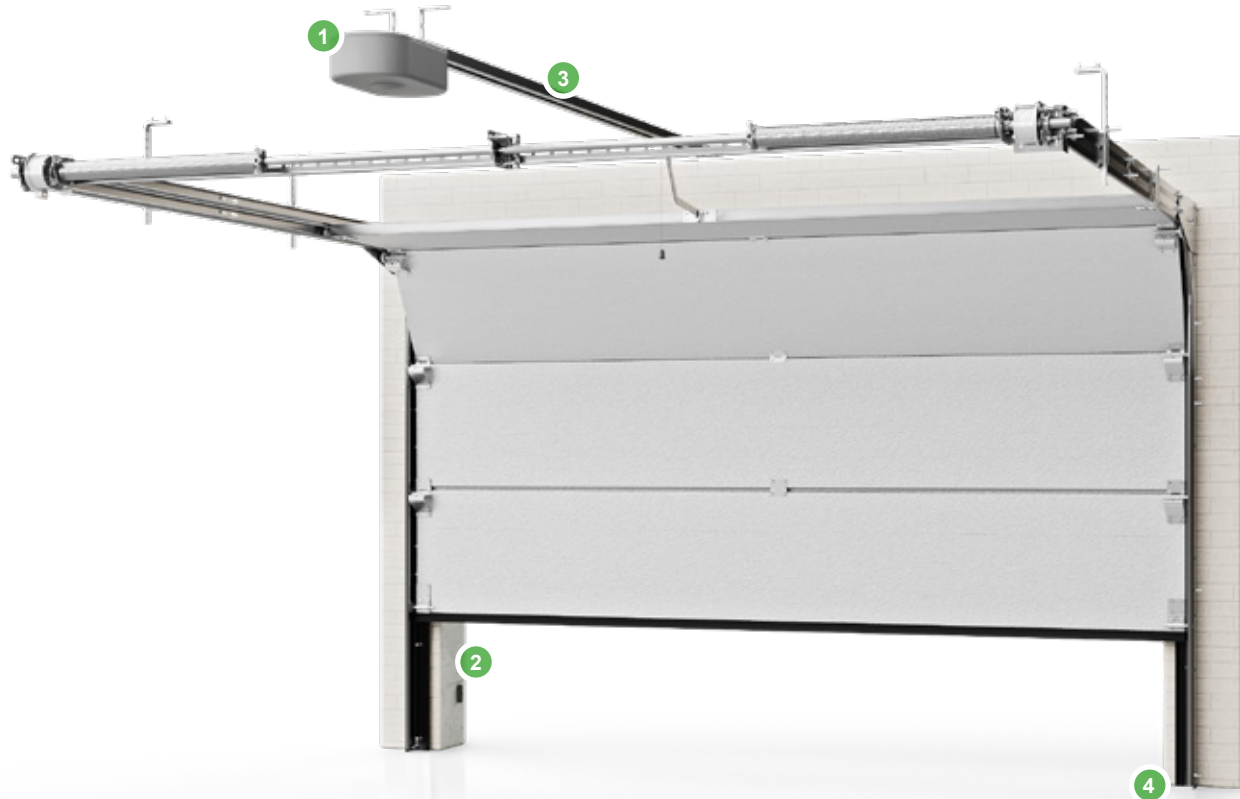


fittings painted RAL 9016



Extended protection with **INFINITI Safe**

INFINITI doors with standard equipment are safe. The additional SAFE package increases the convenience of using them, ensures the functionality of the gate during power outages and provides additional anti-burglary protection. The presence of a photocell allows the gate to react faster to emerging obstacles.



emergency opening battery



photocell



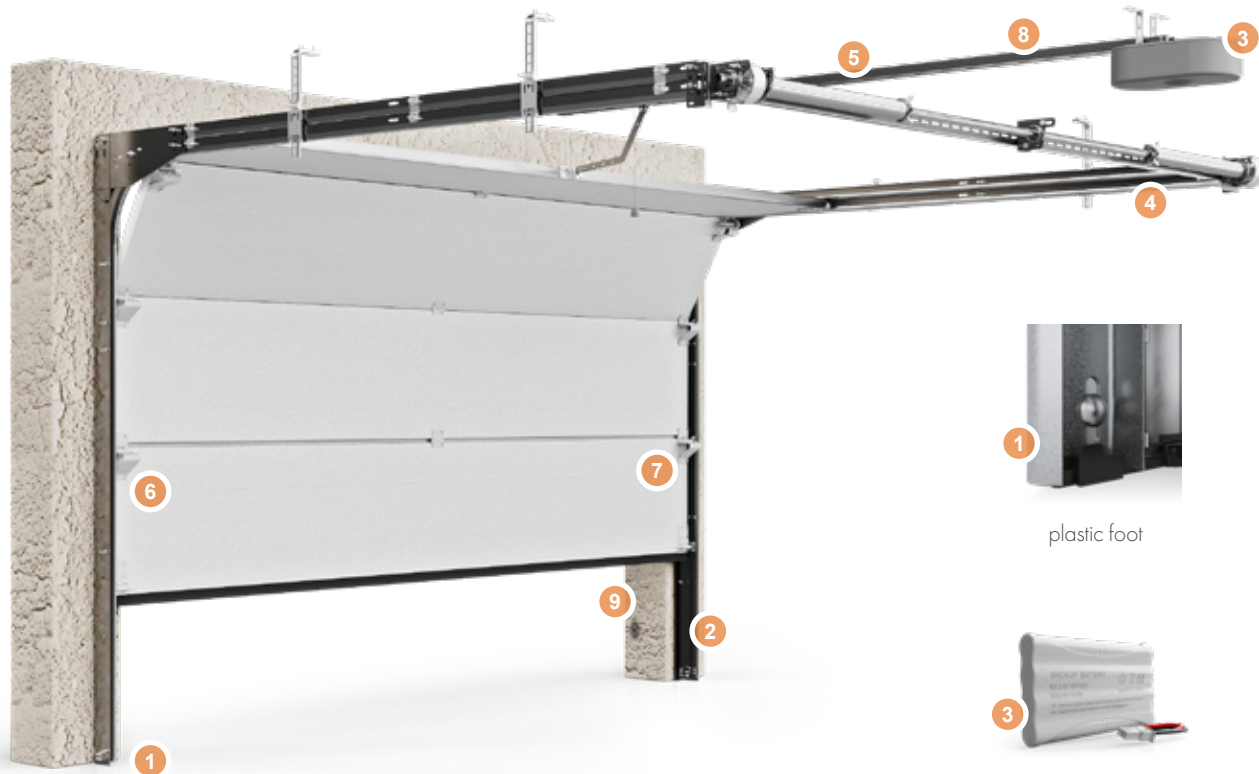
mechanical trolley lock



thermal gasket

The complete gate equipment is **INFINITI Premium**

The rich set of PREMIUM accessories combines the benefits of the QUIET and SAFE packages, supplementing them with additional elements that improve the appearance of the door. Choosing the PREMIUM package means getting the best version of the INFINITI Gateway available.



plastic foot



thermal gasket



emergency opening battery



levelling profile



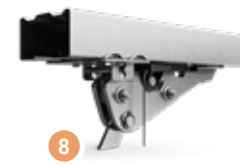
strap rail



silent rollers



painted fittings RAL 9016



mechanical trolley lock



photocell



Sectional door **technical information**

Number of panels	Width/Height	2400	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500
4	2125	1,4	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	2250	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	2375	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,1	1,1
5	2500	1,4	1,4	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2
	2625	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	2750	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	2875	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,1	1,1
6	3000	1,4	1,4	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	3125	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	3250	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
	3375	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,1	1,1
7	3500	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2

The table shows the heat transfer coefficient U (W/m²K) for INFINITY doors with a 40 mm thick panel, using a thermal gasket.

Selection of the gate to the opening

This is an optimal situation when the gate will be installed when the garage is finished. We know, however, that this is not always possible, so we would like to draw your attention to several aspects that are of great importance during assembly. It is important to:

- walls, ceiling, lintel and jambs were finished, i.e. plastered and painted; these surfaces should be vertical or horizontal,
- the floor was even and at the correct level.

The gate is designed based on the dimensions of the opening (W - width, H - height and C - lintel). Subsequent finishing works (after installing the door) may adversely affect the functioning of individual elements of the door. In addition, when measuring, pay attention to the following:

- whether the recess is or will be insulated,
- what is the depth of the joints in the tiles on the floor - they should be as small as possible,
- whether the driveway at the gate has an appropriate slope - towards the outside so that water does not penetrate the garage,
- that the plane of the ceiling and jambs is included in the measurement; possible windows, internal doors, various types of installations (sanitary, ventilation, gas, electric), additional lintel must not collide with such elements of the door as: horizontal guides, rail and motor.

Order form

For the correct description of the sectional door, we recommend filling in the order form available.





OTHER SOLUTIONS

We meet the requirements of customers and offer a wide range of products. In addition to sectional doors, we also offer alternative solutions: rolling gates and bars.

Rolling **gates** and **bars**

Rolling gates are a durable, economical and functional solution that will save space in your driveway and garage. The construction of the rolling gate is similar to the adaptive roller shutter, the armour rolls up on the roller tube, thanks to which you do not have to worry about the depth of the room.

Rolling bars, unlike other types of protection, does not completely cover the display and ensures ventilation of the rooms.



The publication does not constitute a commercial offer. It is not a basis for submitting complaints.
Presented photographs are illustrative pictures, not actual product photos.

1/2023



Eko-Okna S.A.

ul. Spacerowa 4

47-480 Kornice

www.ekookna.com