



WIŚNIOWSKI



Garage doors
SECTIONAL



For the last three decades, we have been working in accordance with the idea of the founder of the WIŚNIOWSKI brand, Andrzej Wiśniowski, who made it his goal to create innovative products addressing all of our customers' needs.

We want your home to be secure and comfortable. Taking advantage of our 30 years of experience in the production of garage doors, gates, windows, doors, and fences, we offer our customers top quality products. We know what a modern home needs and what challenges the household may face. Currently, our production hall spanning 270,000 square metres manufactures thousands of garage doors, gates, windows, doors, and fences every day. At the same time, we are also able to customize the products to meet our customers' requirements.

Everyone has different needs and expectations, which is why when manufacturing our products, we focus on listening to what you have to say. Meet the WIŚNIOWSKI brand – enter the world of comfort and security.

GARAGE DOORS **SECTIONAL**

GENERAL OVERVIEW	4 - 15
UNIPRO	16 - 19
UNITHERM	20 - 25
PRIME	26 - 35
RENOVATION SOLUTIONS	36 - 43
AVAILABLE VERSIONS	44 - 71
INSPIRATION	72 - 84
TECHNICAL INFORMATION	85 - 102
LOOKING FOR DIFFERENT SOLUTIONS?	103 - 111

www.wisniowski.eu





Welcome to the world of **WIŚNIOWSKI garage doors**

Choose one of our sectional, up and over, roller or double leaf garage door solutions. This **diversity** is our response to the requirements of our customers. Let us surprise you with the multitude of options. We present to you the **classy, safe, and functional** sectional garage doors by WIŚNIOWSKI.



CHOOSE A SECTIONAL DOOR



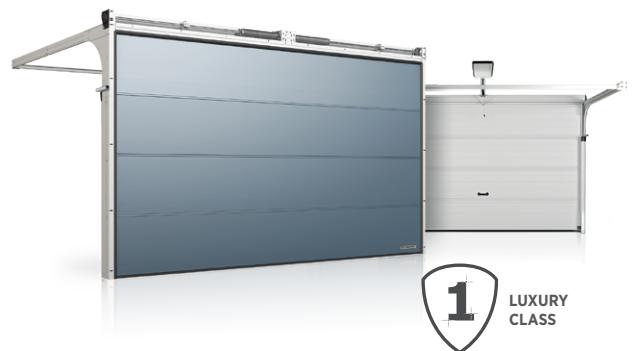
UniPro

- Torsion spring system
designed for **25,000 cycles**
- **Galvanized** construction
- Panel: **40 mm**
- Panel heat transfer coefficient
Up=0.48 W/m²K ⁽¹⁾
- Rollers **with bearings**



UniTherm

- Torsion spring system
designed for **25,000 cycles**
- **Galvanized** construction
- Panel: **INNOVO 60 mm**
- Panel heat transfer coefficient
Up=0.33 W/m²K ⁽¹⁾
- **Double** rollers **with bearings**
- **Flexible** panel **joint covers**
- **Double** bottom **gasket**



PRIME

- Torsion spring system
designed for **25,000 cycles**
- **Galvanized and painted** construction
- Panel: **INNOVO 60 mm**
- Panel heat transfer coefficient
Up=0.33 W/m²K ⁽¹⁾
- **Double** rollers with bearings
- **Flexible** panel **joint covers**
- **Double** bottom **gasket**
- **Protection system** for mechanical elements
- **Modern automatic operating units** with high standard accessories

⁽¹⁾ - U factors of the door depending on the dimensions are specified in the table on page 85.
The factors are provided for doors without glazing, wicket doors, ventilation grilles, aluminium panels, and additional thermal gaskets.



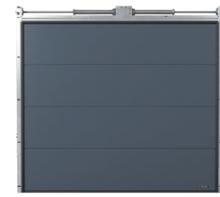
Low ribs



V ribs



High ribs



No ribs



Caisson ribs

UniPro

Woodgrain	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	—	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	RAL 7016, RAL 8014, RAL 9006, RAL 9016, other RAL*, Golden Oak, Nut Brown	RAL 9016, other RAL* Golden Oak
Smoothgrain	—	—	Golden Oak, Nut Brown, 44 film coatings	Golden Oak, Nut Brown, 44 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	RAL 7016, other RAL*	RAL 7016, RAL 9006, other RAL*	RAL 7016, RAL 9005, RAL 9016, other RAL*	RAL 7016, RAL 9005, RAL 9016, other RAL*	—
Home Inclusive 2.0	16 colors	—	16 colors	16 colors	—

UniTherm

Smoothgrain	—	—	Golden Oak, Nut Brown, 44 film coatings	Golden Oak, Nut Brown, 44 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	—	—	RAL 7016, RAL 9016, other RAL*	RAL 7016, RAL 9016, other RAL*	—
Home Inclusive 2.0	—	—	16 colors	16 colors	—

PRIME

Smoothgrain	—	—	Golden Oak, Nut Brown 44 film coatings	Golden Oak, Nut Brown, 44 film coatings	—
Sandgrain	—	—	Anthracite	Anthracite	—
Silkline	—	—	RAL 7016, RAL 9016, other RAL*	RAL 7016, RAL 9016, other RAL*	—
Home Inclusive 2.0	—	—	16 colors	16 colors	—

* The garage door leaf can be painted in RAL colours – only for garage doors with Woodgrain and Silkline structure (excluding pearlescent, reflective, and metallic finish, as well as special colours)

Form and **function**

Sectional garage doors by WIŚNIOWSKI are manufactured using two types of panels:

- 40 mm panel for UniPro garage doors,
- INNOVO 60 mm panel for PRIME and UniTherm garage doors.

All our panels are manufactured in the WIŚNIOWSKI facility using state-of-the-art technological lines which ensure high quality and repeatability at each stage of the manufacturing process.

High technical parameters and reliable corrosion protection are obtained thanks to the use of high grade, galvanized steel with paint or film coating.

The stiff polyurethane foam core ensures optimum strength for the panels and improves their thermal insulation.

Special solutions, such as the 5-layer sheet bending system ensures stable fastening of elements, which further increases the strength of our design.

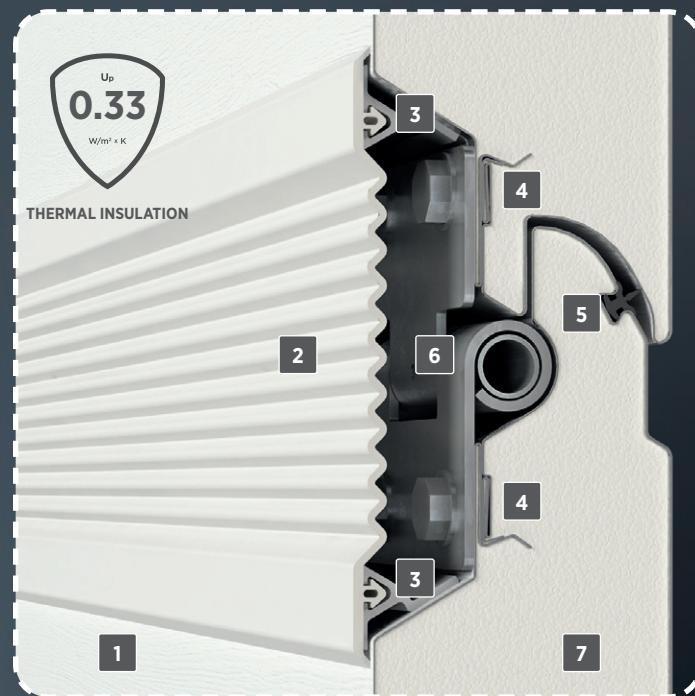


PANEL
40 mm

PANEL
INNOVO
60 mm



UniPro garage door



PRIME, UniTherm garage door

1. Closed panel construction.
2. Flexible panel joint cover.
3. Aluminium profile for fastening flexible covers.
4. Five sheet layers at the hinges.
5. Panel joint seal.
6. Concealed hinge.
7. Polyurethane foam.



GREEN LIGHT

we give a better future the green light



Energy from our own sources

We generate our own energy! An 8,000 m² solar panel system with a capacity of over 1 MW makes it possible to obtain solar energy to produce electricity covering 1/6 of the plant's daily demand. We installed the panels on our proprietary structure.

Production automation

Modern production lines reduce production idle time to the minimum. Actuating systems not taking part in the manufacture of the current product batch are automatically disconnected from power supply.

Good practices

We have extended the time of use of galvanizing baths, reducing pollution emissions. On the powder coating line, we recover 100% of the used powder. By reusing water in the coating and galvanizing processes, we save 10,000 m³ a year.

Climate-neutral products

Energy labels

We have nothing to hide! In order to clearly define the energy performance of our garage doors, we use the labelling system of the prestigious European Door and Shutter Federation.

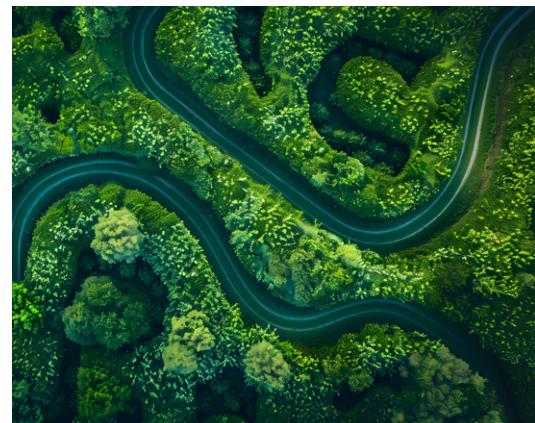


Green Devices and Materials List

Our products are recommended by the Institute for Environmental Protection. The UniPro, UniTherm, and PRIME sectional garage doors were included on the "Green Devices and Materials" list (list-zum.ios.edu.pl)

Environmental Product Declaration

We have checked the carbon footprint of our garage doors! The EPD enables you to make informed consumer decisions, increasing the number of points in the green building certification process in well-known programmes such as: BREEAM, LEED, and others.



You don't need to **take our word for it**

Our commitment to the planet is demonstrated by prestigious partnerships and certifications.



See our campaign for the climate
- discover Green Light



Thinking about your comfort and safety



Our garage doors meet the stringiest safety standards, which is certified by the **Declaration of Performance – the CE mark**.

High safety standards are ensured thanks to the use of a number of technological solutions, such as special panel shape, safety brakes, an integrated spring break safety system, and rollers with bearings.



RC2 anti-burglary safety kit



Garage doors with the METRO Smart io or MOTO io drive unit, fitted with the RC2 burglary kit have a certificate issued by the IFT Rosenheim Institute (Germany) which confirms compliance with the DIN/TS 18194:2020 standard.

The RC2 level burglary protection is confirmed by a certificate from the widely recognized IFT Institute, so you can rest assured that everything that is important to you is well protected.



A revolution in **thermal insulation**

The PRIME sectional garage doors are all about thermal insulation, which makes them a recommended choice for energy efficient and even passive buildings. PRIME is the answer whenever energy efficiency is a priority. Thanks to thermally insulated panels and our sealing systems, we managed to eliminate heat loss in the most affected areas of the leaf in order to ensure parameters that allow sectional doors to maintain optimum temperature inside your garage.



Innovative solutions at your home

Independent lighting in the form of LED strips under the door tracks ensures an even higher comfort when using your garage. The LED lighting simply snaps into place without the need to do any work on the electrical installation or the walls. It is a great addition to new and already fitted garage doors.

New trends in **design**

Looking for classic models and timeless colours? Perhaps conventional solutions do not suit you? Regardless of what type of garage door you need, at WIŚNIOWSKI you will find the product that meets all your needs.

For many years, WIŚNIOWSKI has been a pioneer in combining product functionality and aesthetics. The latest result of this approach is the PRIME Black Edition garage door. It is a unique garage door among those available on the market, featuring black internal finish. The elegant black with nearly unlimited leaf front colour and customization options makes it possible to create a design tailored to your needs and dreams.



DESIGN



A new take on garage doors.
Discover the PRIME Black Edition.



UniPro.

Always universal.

UniPro combines precision manufacturing and attention to detail with the vast range of designs, structures, colours, and decorative motifs. This lets you match the UniPro garage doors with both modern and traditional buildings. Thanks to the multitude of design solutions, the UniPro garage doors are used in new buildings, as well as in renovated buildings where other types of garage doors were used in the past. At the same time, they remain fully functional and maintain the parameters required to close the garage, which makes them one of the most universal solutions among garage doors.



STANDARD
CLASS





UniPro.

Functionality and safety.

Safety is one of the most important factors in garage door use, and this is why apart from safe design, proper safeguards must be used to ensure that users are fully protected.



**1**

Special panel shape

**2**

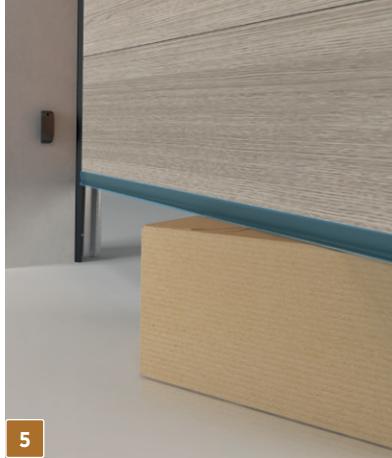
Spring break safety device – a standard accessory for doors with a door surface area of $\geq 9 \text{ m}^2$

**3**

Integrated spring break safety device

**4**

Double-lip circumferential seal

**5**

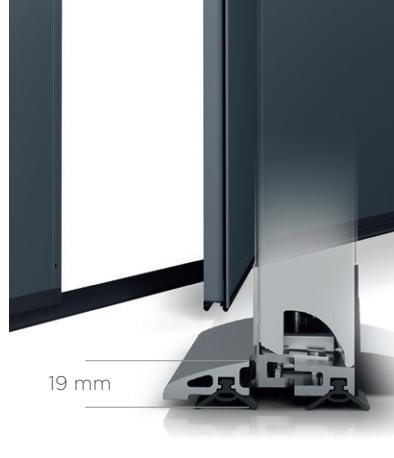
Overload safety device for automatic garage door

**6**

Photocells – option

**7**

Quiet guiding rollers (in doors with torsion springs)



19 mm

Low threshold in wicket door
(19 mm high)

UniTherm.

New standards.

The UniTherm garage door has a high resistance to wind load and water ingression and low air permeability. These parameters not only increase the life of the garage door, but also let it maintain its aesthetic qualities for many years to come. This innovative design solution ensures durability and safety, and at the same time remains functional in everyday use.



PREMIUM
STANDARD

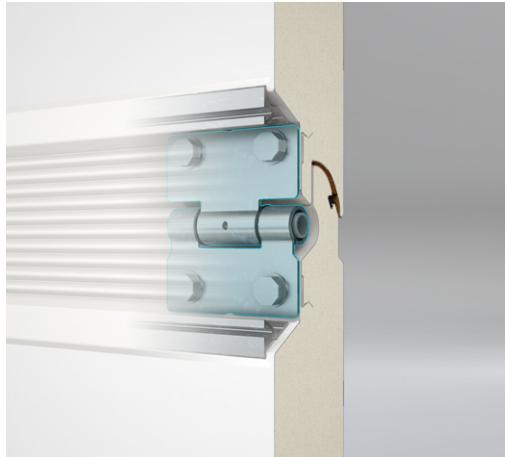




UniTherm.

Functionality and safety.

All the individual systems which make the garage door safe are interdependent and at the same time work in harmony with specific structural parts. For example, the inner covers at the panel joints and the safety brake. With a perfectly integrated drive system, UniTherm is a technological trendsetter which shows that quality and safety are inextricably linked here.



Quiet hinges



Flexible panel joint covers



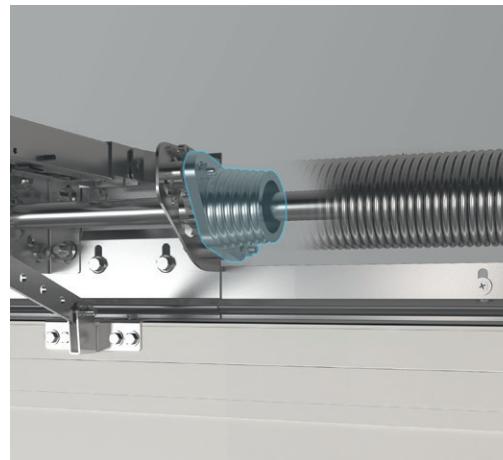
SAFETY



Safety brake prevents the leaf from dropping in case of cable damage



Overload safety device for automatic garage door



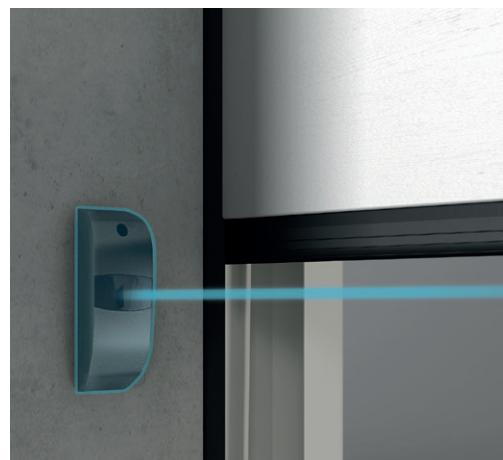
Integrated spring break safety device



Double rollers with bearings



Safe panel shape



Photocells – option



UniTherm.

Efficient thermal insulation.

The UniTherm garage door was developed in response to the requirements of energy efficient buildings. It fully benefits from the thermal insulation properties of the INNOVO 60 mm panel and the sealing solutions. This means higher energy efficiency of your home, because heat losses are eliminated in the most affected areas of the garage door leaf.

The INNOVO PANEL

The unique design of the INNOVO **60 mm** panel provides an excellent heat transfer coefficient. It also constitutes a great framework for the lining. Special solutions, such as the 5-layer sheet bending system ensure stable fastening of elements, which further increases the strength of our design.



Heat transfer coefficient of the INNOVO panel $U_p = 0.33 \text{ W/m}^2\text{K}$.



Double bottom gasket



Double-lip circumferential seal



Additional sealing in the top aluminum profile



Panel joint seals

PRIME.

A new generation of garage doors.

Imagine a new generation of garage doors. A garage door which is not just another way of putting all the available solutions together, but an effect of a search for balance between modern technology, quality, safety, and design. This is what the PRIME door is all about. An innovative garage door, perfected in every detail, which meets your demands before you can even define them. With this fully equipped automatic door, every time you reach for the remote control, you can be sure that you made the right decision. PRIME is unrivalled – its classic design is just a hint of what this ingenious garage door hides inside.

Be the first, be PRIME. Find out about the exceptional advantages of our unique PRIME garage door!



EXCLUSIVE
CLASS





A new generation of sectional garage doors.
See the video and discover the PRIME door.



PRIME.

Perfect in every detail.

PRIME means design focused on elegant and timeless simplicity, breaking with the purely functional approach to the garage door design. We have designed PRIME with attention to every single detail, because perfection depends on details.



Perfected **details**



Exquisite **manufacturing**



Painted **elements of the construction**



PRIME.

A new definition of safety.

All the individual systems which make the garage door safe are interdependent and at the same time work in harmony with the structural parts. They include fixed guide covers, moving roller covers, an integrated spring and shaft cover, shaft and spring side covers, as well as flexible inner covers at panel joints.



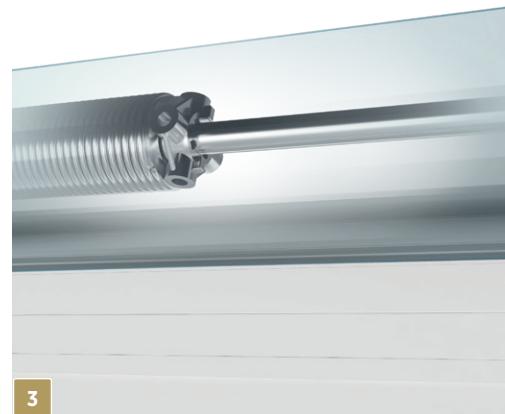
1

Flexible panel joint covers



2

Vertical guide covers



3

Integrated shaft and spring cover



4

Moving roller and guide covers



5

METRO Smart io drive unit compatible with the TaHoma switch central control unit



6

Photocells

PRIME.

An icon of safety.

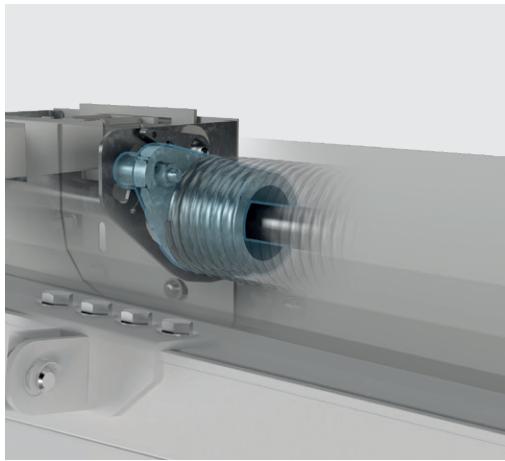
PRIME does away with safety stereotypes. Not only is it a vision of a beautiful garage door, but also a reflection of our concern for safety. PRIME uses an end-to-end approach to safety and security. We used the technology not only to provide security, but most importantly to offer safety. The numerous advanced safeguards for structural parts and mechanisms help protect all the users and make your home this much safer. With a perfectly integrated drive system, PRIME is a technological trendsetter whose every detail shows that quality and safety are inextricably linked here.



Safety brake prevents the leaf from dropping in case of cable damage



SAFETY



Integrated spring break safety device



Safe panel shape



Integrated shaft cover with side covers



Double rollers with bearings



Overload safety device



External optical sensors

PRIME. Major arguments for thermal insulation.

The PRIME garage doors are all about thermal insulation, which makes them a recommended choice for energy efficient and even passive buildings. PRIME answers the demand for maximum energy efficiency and minimum thermal losses in buildings.

In order to achieve this, it was necessary to reduce the heat transfer coefficient as much as possible. The PRIME garage door fully benefits from the thermal insulation properties of the INNOVO panel and our sealing solutions to eliminate heat losses in the most affected areas of the garage door leaf.





1

Double bottom gasket



2

Double-lip circumferential seal



3

Double-lip gasket in the fascia panel



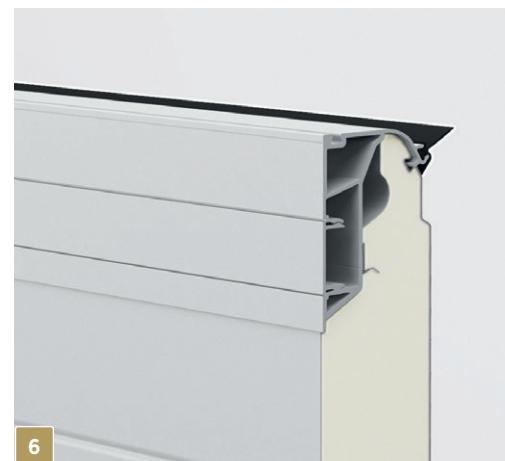
4

Panel joint seals



5

Flexible panel joint covers



6

Additional sealing in the top aluminum profile

Renovation **solutions**

Renovation is all about adapting the functionality of the current building to the needs of its users. The aim of the refurbishment is usually to improve the aesthetic quality of the building.

Our renovation solutions let you install sectional garage doors in the garage opening regardless of the building conditions, even if the building has no lintel or side clearance. Enhance the functionality and the look of your garage with our renovation solutions.

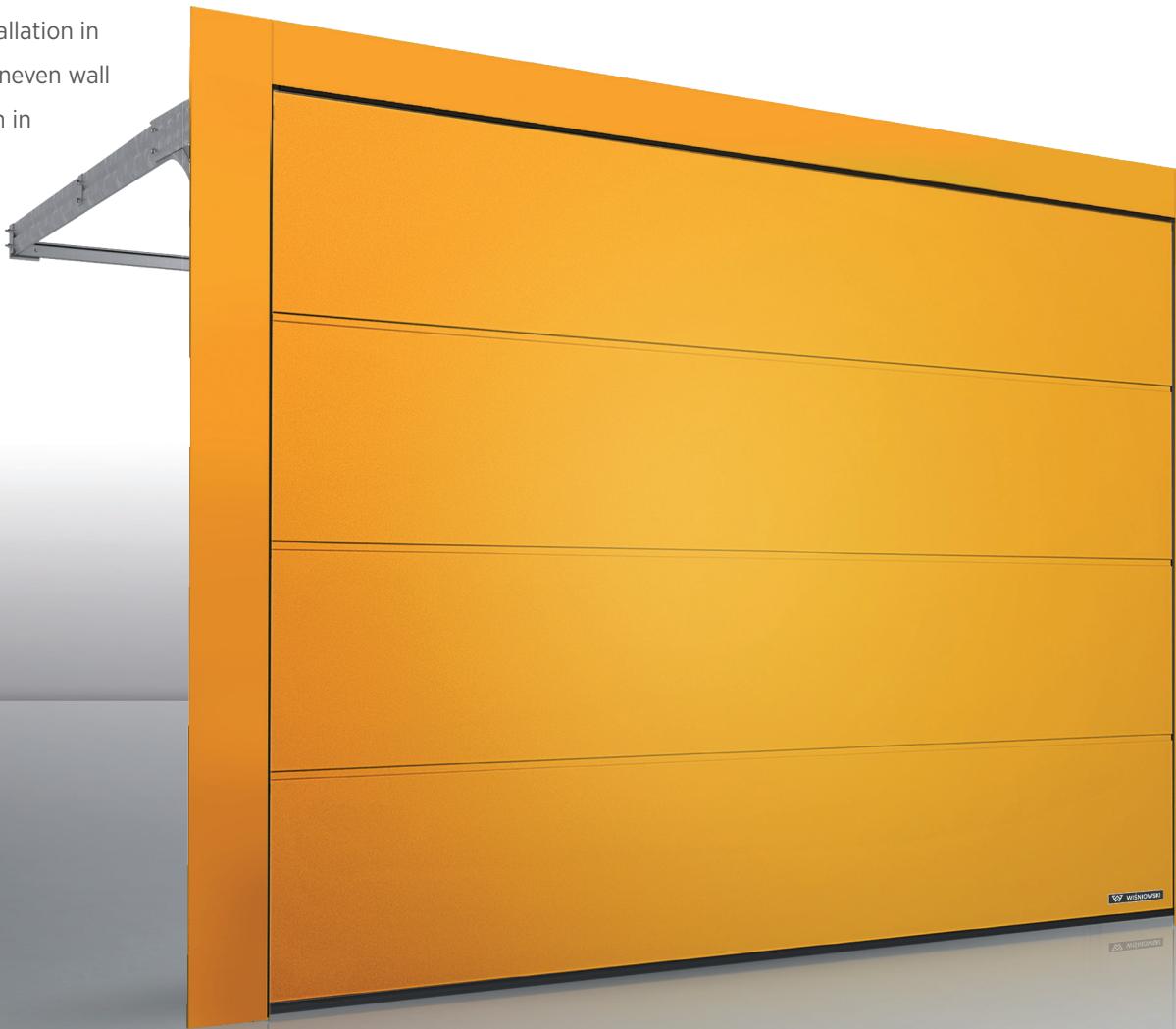




UniPro **RenoSystem**

The UniPro RenoSystem is our response to the needs of buildings intended for renovation.

The structure is made of door frames adapted for installation in openings without the lintel or side clearance or with uneven wall surface. This structure comprises a fascia panel system in the same colour as the door leaf, which ensures great appearance without the need for further finishing works.



UNIVERSAL
INSTALLATION

The RenoSystem solves a multitude of potential issues that could occur during the replacement of the garage door. The structure is mounted directly to the existing surfaces with a system of angle bars which, paired with fascia panels, take over the functionality of the missing wall elements.



Installation using lintel



Installation behind the opening – fascia panel behind the opening

Installation using frame



Installation in the opening – fascia panel in the opening



Installation in the opening – fascia panel in front of the opening

UniPro SNP 2.0

UniPro SSt 2.0



The UniPro SNP 2.0 and UniPro SSt 2.0 sectional garage door is dedicated primarily for buildings with a low lintel, with little space for torsion springs and narrow side clearance making it impossible to use traditional solutions. It is also used for renovation, particularly with imperfectly finished garage openings.

The UniPro SNP 2.0 and UniPro SSt 2.0 features a specially designed system of tracks and opening frames, which enables adjustment of the position of the door during fitting. Thanks to its proven structure, it is a reliable solution that is easy to install, which saves the customer's time and money.



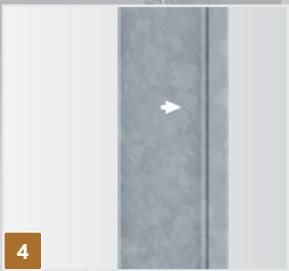
UNIVERSAL
INSTALLATION



SSt 2.0 version



Universal installation method



950 mm mark



Tension spring system



Side gasket + opening frame
fascia panel in the garage
door colour



Tracks joined with
the opening frame with
screws



80 mm lintel

UniPro **Nano80**

The design of the **UniPro Nano80** garage door was adapted to the building conditions, where the low lintel prevents the installation of an automatic garage door. Thanks to its special track profile, the UniPro Nano80 automatic garage door can be installed even with **lintels just 80 mm high**, increasing the comfort for the garage users. Varied designs and a vast colour palette allow you to match the garage door to both traditional and modern buildings.

Sectional door installation structure

It is a modern and functional solution enabling the installation of sectional garage doors regardless of the building conditions in your garage. It acts as a framework and replaces the missing elements of the lintel or the side area where the structural elements of the garage door are mounted.

The structure is made of corrosion resistant galvanized steel and because fascia panels can be used in the door opening, the garage entrance maintains great appearance.



Renovation cladding panels

This solution makes it possible to match the front of the building with the design of the garage door curtain.

A perfect solution for owners of multi-car garages who appreciate a uniform style of buildings with a garage integrated with the building structure.



Renovation fascia panels

The garage door opening can be damaged in the process of replacing the garage door.

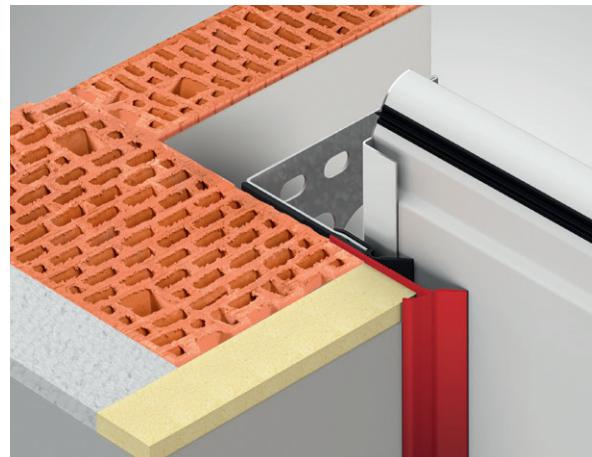
Fascia panels matching the door leaf colour can be used to cover up the damage or some less appealing building structure features.



Renovation fascia panel – option

Finishing thermal seal

Makes it possible to provide an aesthetic finish of the garage opening thermally insulated for example with a layer of polystyrene or Styrodur by eliminating the clearance between the thermal insulation layer and the door leaf surface, which improves thermal insulation.



Finishing thermal seal – option



Structures, versions, colours



STRUCTURES



Woodgrain



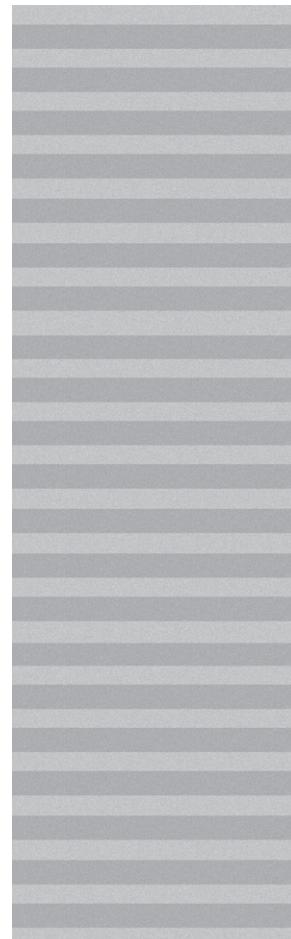
Smoothgrain



Sandgrain



Silkline



Silkline,
panel with V ribs

DESIGNS



Garage door with panels without ribs



Garage door with panels with high ribs



Garage door with panels with low ribs



Garage door with panels with caisson ribs



Garage door with panels with V ribs

VERSIONS



Garage door with portholes – type A-1



Garage door with portholes – type C-1



Garage door with portholes – type E-1



Garage door with portholes – type O



Garage door with portholes- type O-1A, stainless steel porthole frame



Garage door with portholes- type O-2A, stainless steel porthole frame



Garage door with portholes- type R-1A, stainless steel porthole frame



Garage door with portholes- type R-2A, stainless steel porthole frame



Garage door with portholes – type W3-1



Garage door with portholes – type W4-1



Garage door with portholes – type W5-1



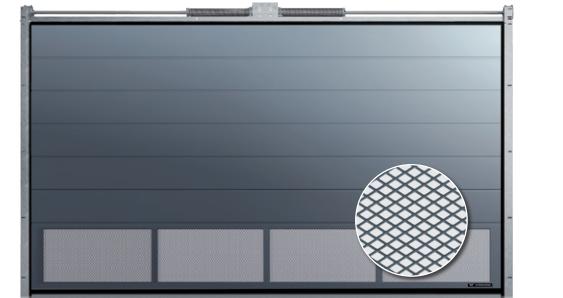
Garage door with portholes – type W6-1



Garage door with VISUAL glazing
– available for garage door widths up to So=3000 [mm].



Garage door with an aluminium panel glazing



Garage door with a ventilated panel –
expanded mesh panel



Garage door with the HORIZON glazing



Garage door with a pet door

DECORATIVE MOTIFS



Type Ap-1



Type Ap-2



Type Ap-3



Type Ap-4



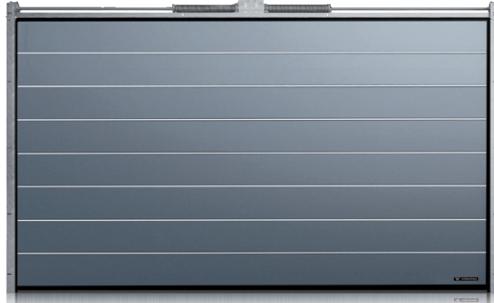
Type Ap-5



Type Ap-6



Ap-7 type in the door with panels without ribs



Ap-7 type in the door with panels with high ribs

The Ap-1 – Ap-6 decorative motifs are available in stainless steel colour and RAL 9005.

Ap7 decorative motifs are available in stainless steel and copper-clad stainless steel colours.



WICKET DOOR in the UniPro garage door

An option available for garage doors with a thickness of 40 mm, which improves the functionality of your garage and provides notable benefits in daily use.

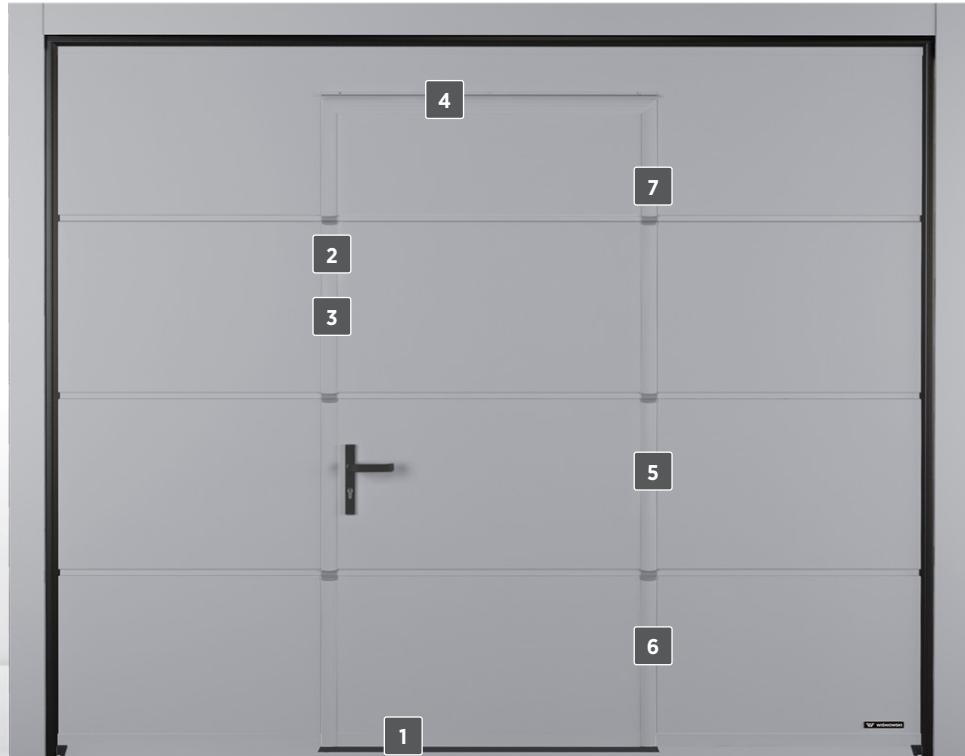
A finely finished wicket door improves the functionality of a garage without a side entrance door. You do not have to fully open the garage door to get inside.

This means energy and time savings.



Low threshold
with a height of 19 mm minimizes the number of obstacles in the passageway (optional accessory).

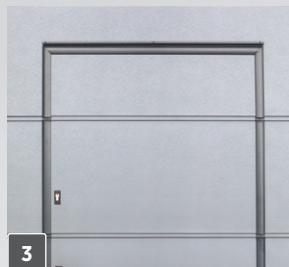
* – The METRO and MOTO drive units have a wireless sensor, while the SPARK drive unit has a wired sensor.



Wicket door
fitted with a threshold 100 mm high (including a 40 mm) gasket as standard.



Opening sensor*
prevents activation of the garage door when the wicket door is open. The wicket door option in automatic doors includes a wicket door opening sensor.



Hardware
made of aluminium, in a colour matching the garage door leaf colour.



4
Drip cap
(standard accessory).



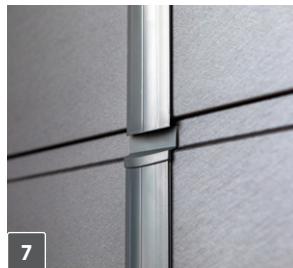
6
Concealed hinges
- adjustable.



7
Rail door closer
(standard accessory).



5
System preventing the leaf
from dropping.



7
Distance brackets
with a safe shape, ensuring
better tightness.



Concealed door closer
(optional accessory).

Rail door closer
supplied as standard with the wicket door installed in manually operated and power operated doors. It is fixed to the top hardware of the wicket door from the inside of the door. It is fitted with a restrictor. The hold open device cannot be installed.

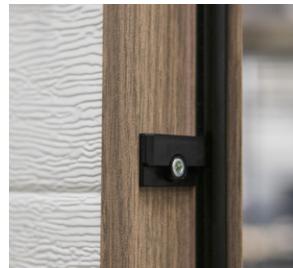
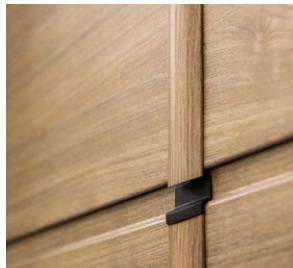
Concealed door closer
available in the full scope of dimensional ranges of the door which are compatible with a wicket door.
It can optionally be fitted to a wicket door instead of a rail door closer. A wicket door restrictor cannot be installed. Can be fitted with a hold open device.

HARDWARE IN A DECOR COLOUR



Decor colour of the wicket door hardware

a method of decorating aluminium parts by transferring photosensitive organic pigments from a special film onto a layer of polyester powder coat. This provides a durable and decorative coating which imitates the natural grain of wood.



Decor colour of the wicket door hardware – available colours

An abundance of colours

Colour is the first feature our senses react to. We made sure that each of our customers can find the colour they are looking for. Our garage doors can be manufactured in RAL palette colours and in wood effect colours – together with our range of structures and extra decorative elements, this gives you hundreds of options for a tailored solution.



RAL palette colours, wood, steel, and other surface finish effects



NO RIBS	● ▲ ■	■	■	■	● ▲ ■	■	■	■	■	● ▲ ■
HIGH RIBS	● ▲ ■	■	■	■	● ▲ ■	■	■	■	■	● ▲ ■
LOW RIBS		■	■	■		■	■	■	■	
V RIBS				■				■		
CAISSON RIBS		■							■	

● PRIME ▲ UniTherm ■ UniPro

All sectional garage door panels with Woodgrain and Silkline structure are available in RAL colours.





NO RIBS

● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■

HIGH RIBS

● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■

LOW RIBS

V RIBS

CAISSON RIBS

● PRIME ▲ UniTherm ■ UniPro

Swamp Oak 3167004-167
Smoothgrain

Summer Cherry 3214009-195
Smoothgrain

Macore 3162002-167
Smoothgrain

Oregon 192001-167
Smoothgrain

Sapeli 2065021-167
Smoothgrain

Siena Noce 49237 PN
Smoothgrain

Siena PL 49254-015
Smoothgrain

Siena Rosso 49223 PR
Smoothgrain

Winchester 49240 XA
Smoothgrain

Black Cherry 3202001-167
Smoothgrain

Natural Oak 3118076-1168
Smoothgrain

Douglas Fir 3152009-1167
Smoothgrain

Rustic Oak 3149008-167
Smoothgrain

Sherfield Oak Brown F 436-3087
Smoothgrain



All sectional garage door panels with Woodgrain and Silkline structure
are available in RAL colours.





NO RIBS

● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■

HIGH RIBS

● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■ ● ▲ ■

LOW RIBS

V RIBS

CAISSON RIBS

● PRIME ▲ UniTherm ■ UniPro

Dark grey silk 4367003
Smoothgrain



Golden Oak 2178001-167
Smoothgrain



Nut Brown 2178007-167
Smoothgrain



Anthracite Quartz Matt F-4701014
Smoothgrain



Woodec Turner Oak Toffee F-4703004
Smoothgrain



Irish Oak 3211305-1148
Smoothgrain



Avellino arden F-476-9084
smoothgrain



Goldbronze F-446-1025
smoothgrain



Modern White
Silkline



Modern White
Woodgrain



Modern Black
Silkline



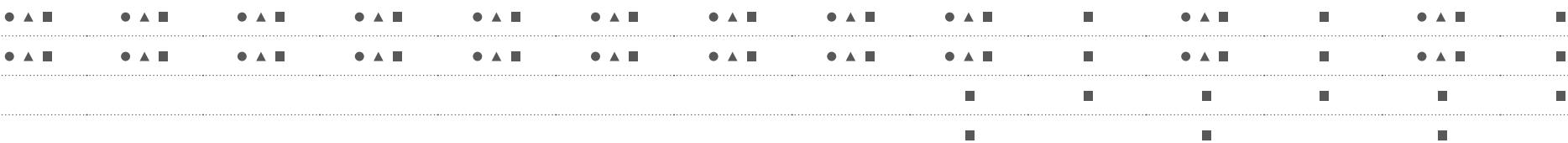
Modern Black
Woodgrain

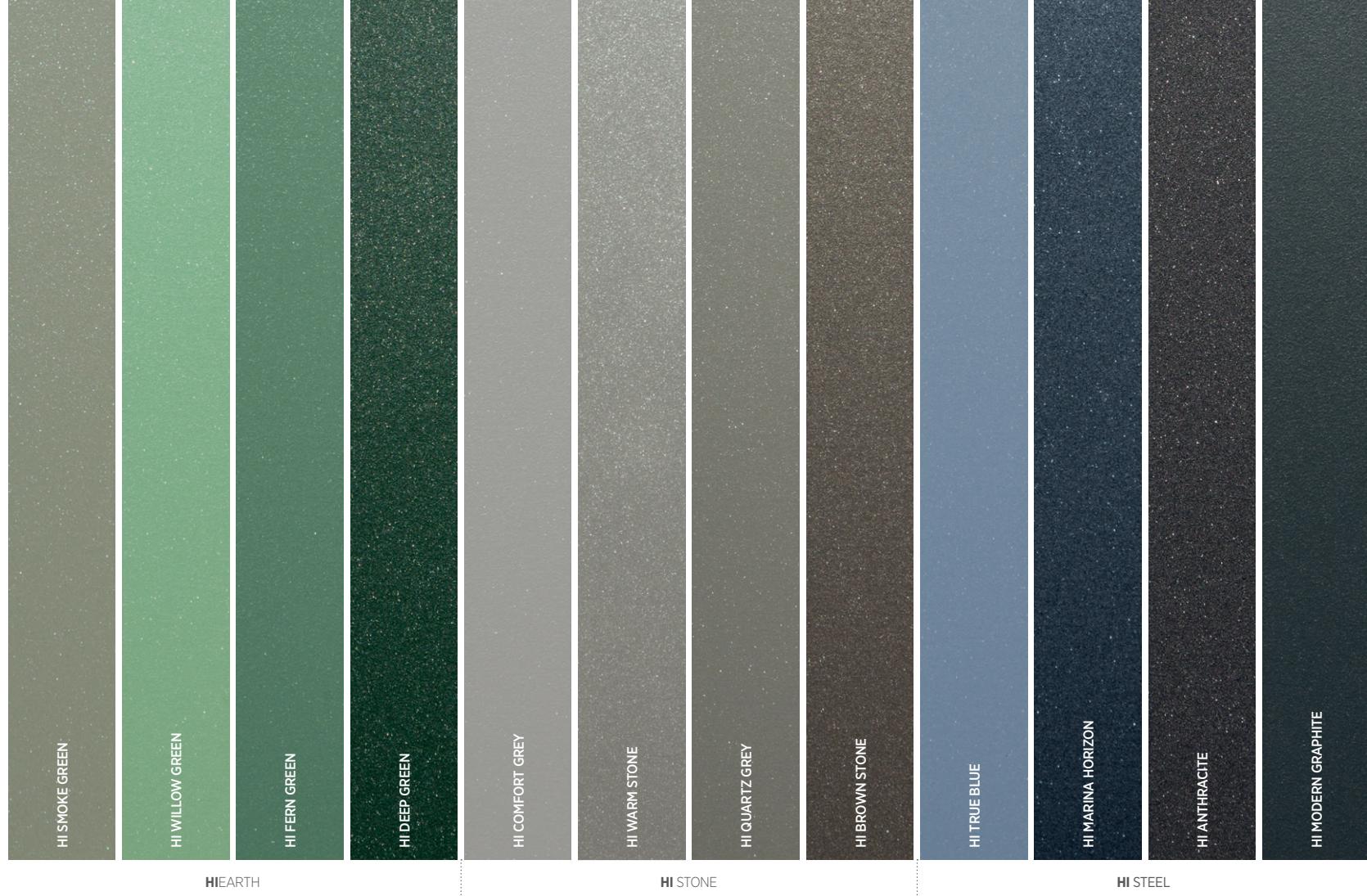


Sable Noir 2100
Silkline



Sable Noir 2100
woodgrain





NO RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
HIGH RIBS	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■	● ▲ ■
LOW RIBS	■	■	■	■	■	■	■	■	■	■	■
V RIBS											
CAISSON RIBS											

● PRIME ▲ UniTherm ■ UniPro



HI MOODY CORAL

HI FLAME RED

HI RUBY

HI MODERN MAROON

HI DEEP BROWN



HOME INCLUSIVE^{2.0}

THE HOME INCLUSIVE 2.0 COLOUR COLLECTION

Add exceptional character to your property thanks to the unique depth effect of HI 2.0 colours.



HANDLE COLLECTION



KL-2 handle, colour: RAL 9006



KL-2 handle, colour: RAL 1036



KL-2 handle, colour: RAL 1035



KL-2 handle, colour: RAL 7048



KL-2 handle, colour: RAL 9016



KL-2 handle, colour: RAL 9005



KL-2 handle, colour: RAL 8014

Automatic garage doors

Treat yourself to comfort and safety with our automatic garage doors. Our finely designed garage doors are configured with a reliable drive unit for a complete device that makes your life that much easier. Our garage doors come with documents confirming that they meet all the functional and safety requirements. The CE mark is a crucial element for the driven garage door, as it backs the declaration of conformity with the stringent European standards.

Professional care of the automatic garage door and its good operation is ensured by the EXTENDED CARE warranty. It lets you extend the standard warranty for the complete product – automatic sectional garage door:

- up to 5 years when factory configured with the METRO or SPARK drive unit,
- up to 3 years when factory configured with the MOTO drive unit.





5
years
WARRANTY
EXTENDED CARE

on automatic garage doors with
the **METRO** or **SPARK** drive unit

W WISNIEWSKI

3
years
WARRANTY
EXTENDED CARE

on automatic garage doors
with the **MOTO** drive unit

W WISNIEWSKI

EXTENDED CARE warranty

lets you extend the standard warranty up to:

- 5 years for the complete product – automatic sectional garage door factory configured with the **METRO** or **SPARK** drive unit,
- 3 years for the complete product – automatic sectional garage door factory configured with the **MOTO** drive unit.

METRO Smart io



4-channel **PULSAR io**
transmitter



MOTO io



2-channel **PULSAR io**
transmitter



The **METRO Smart io** and **MOTO io** drive units were developed jointly by WIŚNIOWSKI and **Somfy**. Equipped with two-way io-homecontrol radio communication, they enable control with the use of a wall-mounted transmitter, a remote, a smartphone or tablet app or voice commands via a compatible voice assistant*. You can easily program them and enjoy the practical functions, such as the wicket door opening sensor or the top panel tilt for safe garage ventilation. Obstacle detection will stop the door leaf and retract it, minimizing the risk of property damage or injury to users. As standard, the drive track is equipped with a chain and sound damping elements. Optionally, a version with a toothed belt is available, ensuring even quieter drive operation.

The METRO Smart io drive unit has pre-programmed settings and makes it possible to connect and control independent lighting, e.g. LED lighting under the tracks and track connector. A broad selection of state-of-the-art accessories is available for the METRO Smart io and MOTO io drive units in the WIŚNIOWSKI product range.

* - The TaHoma switch smart home central control unit is required for control with an app.

Accessories for garage doors with the **METRO Smart io, MOTO io** automatic operating units



3CH io wall-mounted transmitter

The 3-channel transmitter makes it possible to control drive units and radio receivers.

Examples of use:

- - full opening/closing the door,
- - LED lighting under the tracks and/or track connector,
- - top panel tilt.

Wireless communication makes it possible to install it in any place and doesn't require any cables.



KEYPAD 2 io code keypad

It is a surface-mounted wireless device, its installation does not require any cables. The two-channel code keypad lets you control both your drive units and radio receivers.



Photocells

They prevent uncontrolled door leaf movement when an obstacle is present within the clear passage.



Garage ventilation feature

It is enabled by tilting the top panel without the need to lift the door. The bottom panel remains seated against the floor. Available with the METRO Smart io, MOTO io, and SPARK automatic operating units.



External io radio receiver

Lets you control the drive units using the Pulsar transmitter. It is a two-channel device where you can program as many as 16 transmitters.



Mechanical carriage lock

It is an additional safeguard which increases garage door safety when mounted to the carriage.



Backup power supply battery

Connected to the METRO Smart io and MOTO io drive unit, it provides power for several cycles of emergency operation in case of the main power supply outage.



Signal light

Connected to the drive unit, it has a warning function. Orange blinking light indicates that the door is operating. Compatible with the METRO Smart io, MOTO io, and SPARK drive units.

Drive unit type	METRO Smart io	MOTO io	SPARK
Power supply / Motor	220-230V, 50/60Hz / 24V DC	220-230V, 50/60Hz / 24V DC	220-240V, 50/60Hz / 24V DC
Force	800N / 1,000N	600N / 750N	500N / 600N / 800N / 1,100N
Power consumption (stand-by)	< 0.5 W	< 0.5 W	< 1 W
Efficiency	30%	30%	40%
Track	single, steel	single, steel	split, steel
Transmission	chain or belt	chain or belt	carriage
Speed	max. 14 cm/s	max. 14 cm/s	max.: 18 / 24 / 21 / 18 cm/s
Central control unit	integrated	integrated	integrated
Radio receiver	io-homecontrol; integrated: 868-870 MHz	io-homecontrol; integrated: 868-870 MHz	WIŚNIOWSKI; integrated: 868 MHz
Radio receiver storage:	30 transmitters	30 transmitters	40 transmitters
Two-way radio transmission	yes	yes	yes
Auto selection of operating parameters	yes	yes	yes
Limit switches	encoder + mechanical bumper	encoder + mechanical bumper	encoder + mechanical limit switch
Emergency uncoupling	yes	yes	yes
Application	sectional / up and over	sectional / up and over	sectional / up and over
Operating conditions	-20°C / +60°C; IP20	-20°C / +60°C - in a dry room	-25°C / +65°C - in a dry room
Wicket door opening sensor	yes	yes	yes
Rotating automatic operating unit head	yes	yes	no
Warranty	5 years	3 years	5 years
Obstacle detection	yes	yes	yes
Obstacle detection adjustment	4 adjustment levels	4 adjustment levels	4 adjustment levels
Action following obstacle detection	stop and full opening	stop and full opening	stop and partial opening
Photocells	yes	yes	yes
Automatic closing	60 sec. / 120 sec. or after photoc.	yes, only with TaHoma Pro	yes / max. 240 sec.
Release in end position	yes	yes	yes
Low energy consumption mode	yes	yes	yes
Independent exterior lighting	yes / 230V, 500 W	no	yes / 230V, 500 W ⁽⁴⁾
Exterior lighting control	yes	no	yes
Auxiliary warning light	yes / 24V, 15 W	yes / 24V, 15W	yes / 24V, 25W
Delayed drive unit light switch off	yes / fixed - 60 s	yes / fixed - 30 s	yes / fixed - 180 s
Independent lighting control in the drive unit	yes	yes	yes
Emergency power supply	yes	yes	yes
Display / LEDs	no / yes	no / yes	no / yes
Partial opening of the door - slightly open	yes	yes	yes
Information about a fault	yes, LEDs	yes, LEDs	yes, LED
Smart home	yes, io-homecontrol technology ⁽¹⁾	yes, io-homecontrol technology ⁽¹⁾	yes ^{(2)/(3)}
Control via the app	TaHoma switch	TaHoma switch	WIŚNIOWSKI Connected

⁽¹⁾ – standard, wireless SmartHome, TaHoma switch required; ⁽²⁾ – standard, wireless SmartHome based on Wi-Fi, no additional central control unit required; ⁽³⁾ – option for wired Smart Home systems, CONNEX and OUTPUT boards or RELAY transmitter required for full functionality; ⁽⁴⁾ – RELAY transmitter required

io-homecontrol is a modern, safe, and reliable radio technology by Somfy, which lets you control your devices compatible with the smart home concept. Thanks to this technology, the drive unit not only receives commands from the transmitters, but it can also send feedback. The io-homecontrol technology makes it possible to connect the METRO Smart io and MOTO io drive units to the TaHoma system to provide additional functions, connecting the garage door with smart devices available at home.

WIŚNIOWSKI 868 MHz is a modern SOMloq2 two-way radio system for controlling garage doors and entrance gates. Thanks to this technology, the drive unit not only receives commands from the transmitters, but it can also send feedback. The SPARK automatic operating units were also equipped with a wi-fi module, which makes it possible to control the gate from an application installed on a mobile device, giving the drive unit additional functionality.

SPARK

SOMloq2
WIŚNIOWSKI 868 MHz

smart CONNECTED



The **SPARK** drive unit is an advanced solution that offers the highest power among the available options – with a force of up to 1,100 N and an efficiency of 40%. The drive unit has a built-in Wi-Fi module, which enables control of the gate via a mobile app without the need for professional configuration and additional components, such as a central control unit. It is powered by a voltage of 220-240V, 50/60Hz with a 24V DC motor, which allows the gate to open quickly at speeds from 18 up to 24 cm/s, depending on the settings. The drive unit uses a carriage, which ensures exceptional durability and smooth operation. It operates within a temperature range of -25°C to +65°C, making it resistant to harsh weather conditions. It has a built-in radio receiver and operates over the WIŚNIOWSKI 868 radio transmission. The SPARK features an obstacle detection function**, enables the connection of photocells, and has an automatic closing function adjustable up to 240 seconds. It also makes it possible to connect a wicket door sensor, independent control of external lighting up to 500 W, and a garage ventilation function. The drive unit is covered by a 5-year warranty.

* – The DART Vibe transmitter has a feedback function in the form of a short vibration informing the user that the signal was received by the receiver.

** – Amperometric obstacle detection (overload safety device) – when the bottom edge of the door leaf encounters an obstacle, the drive will stop it and immediately change the direction of movement.

Accessories for garage doors with the **SPARK** automatic operating unit



2CH wall-mounted transmitter

A 2-channel device which lets you control both your drive units and radio receivers. Communication between the transmitter and the receiver occurs wirelessly, so the device can be mounted in any place. The wall-mounted transmitter has a feedback function that informs the user about the position of the door using a LED.



ENTRAcode+ code keypad

Compatible with the WIŚNIOWSKI 868 MHz radio receiver. Control of up to five devices. Power supply: 4 X AA 1.5[V] batteries. IP 54 protection rating. Up to 30 m range. ENTRAcode+ is a wireless device that does not require any wiring and is designed for surface mounting.



WIŚNIOWSKI 868 radio receiver

It makes it possible to control other drive units with the DART and DART Vibe transmitters, and the wall-mounted transmitter. The radio receiver is a two-channel device operating at the frequency of 868 MHz, making it possible to program up to 40 transmitters.



Photocells 180

They prevent uncontrolled door leaf movement when an obstacle is present within the clear passage.



LOCK - motor lock

A magnetic lock which blocks the drive unit in any position of the door. An additional element able to withstand loads up to 300 kg, increasing door safety.



ACCU backup power supply battery

Connected to the SPARK drive unit, it provides power for several cycles of emergency operation in case of the main power supply outage.



CONEZ - input board

Additional board with signal, impulse inputs, whose inputs were defined for opening and closing. Compatible with wired smart home systems.



OUTPUT - signal board

Additional board with a signal output. Information about the position of the door: door not open (NO)/door not closed (NC). Compatible with wired smart home systems.



RELAY - additional transmitter

An additional transmitter with the NO/NC output enabling e.g. switching on lights in the garage and external lights or other electrical devices.

The **smartCONNECTED** idea



smartCONNECTED enables you to manage your garage door, gate, doors, wicket, and roller shutters – fully automatically, wherever you are.

WIŚNIOWSKI smartCONNECTED combines innovation and cutting-edge technology with daily life. Create an intuitive smart home with WIŚNIOWSKI products and get a guarantee of reliable solutions, convenience, comfort, and security.

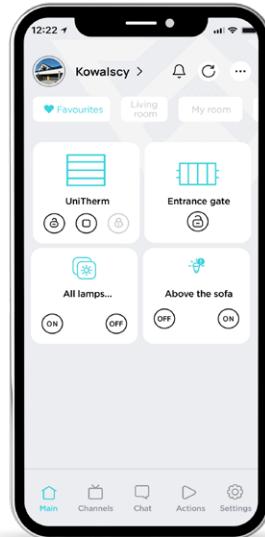
Live more comfortably with **smartCONNECTED**



TaHoma – Your smart home

The io-homecontrol® system with radio transmission makes it possible to wirelessly connect the METRO Smart io and MOTO io drive units to the smart home controlled by Somfy's TaHoma Switch central control unit. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day. The app gives you constant access to the most important functions of the elements of your home

Check what you can gain
when you choose Tahoma switch



The **WIŚNIOWSKI Connected app** – new quality as standard

When you choose WIŚNIOWSKI Connected, you don't need a smart home central control unit. WIŚNIOWSKI garage doors with the SPARK drive unit are ready to connect as standard – you can connect them to the smart home without any additional devices or extra charges. WIŚNIOWSKI Connected uses Wi-Fi instead of radio transmission and the app allows you to control the garage door from almost any place in the world.

Check what you can gain
when you choose WIŚNIOWSKI Connected



INSPIRATION



UniTherm | Modern Black (RAL 9005) | Silkline





UniPro | HI MODERN GRAPHITE

LUX | AW.10.54 | HI MODERN GRAPHITE

CREO | 310 | HI MODERN GRAPHITE

INSPIRATION



UniPro | RAL 7040 | Woodgrain





INSPIRATION



UniPro | RAL 7024 | Silkline



INSPIRATION



UniTherm | Natural Oak | Smoothgrain
CREO | 347 | Natural Oak



UniTherm | HI FLAME RED

WIŚNIEWSKI

79

INSPIRATION





PRIME | RAL 7035 | Silkline
CREO | 321 | RAL 7035 | matt structure

INSPIRATION



UniPro RenoSystem | RAL 9004 | Silkline



UniTherm | Winchester | Smoothgrain

INSPIRATION



PRIME | HI MODERN GRAPHITE (RAL 7016) | Silkline

Technical information

U thermal transmittance factor [W/m²K] for the **UniPro** sectional doors (40 [mm] panel)

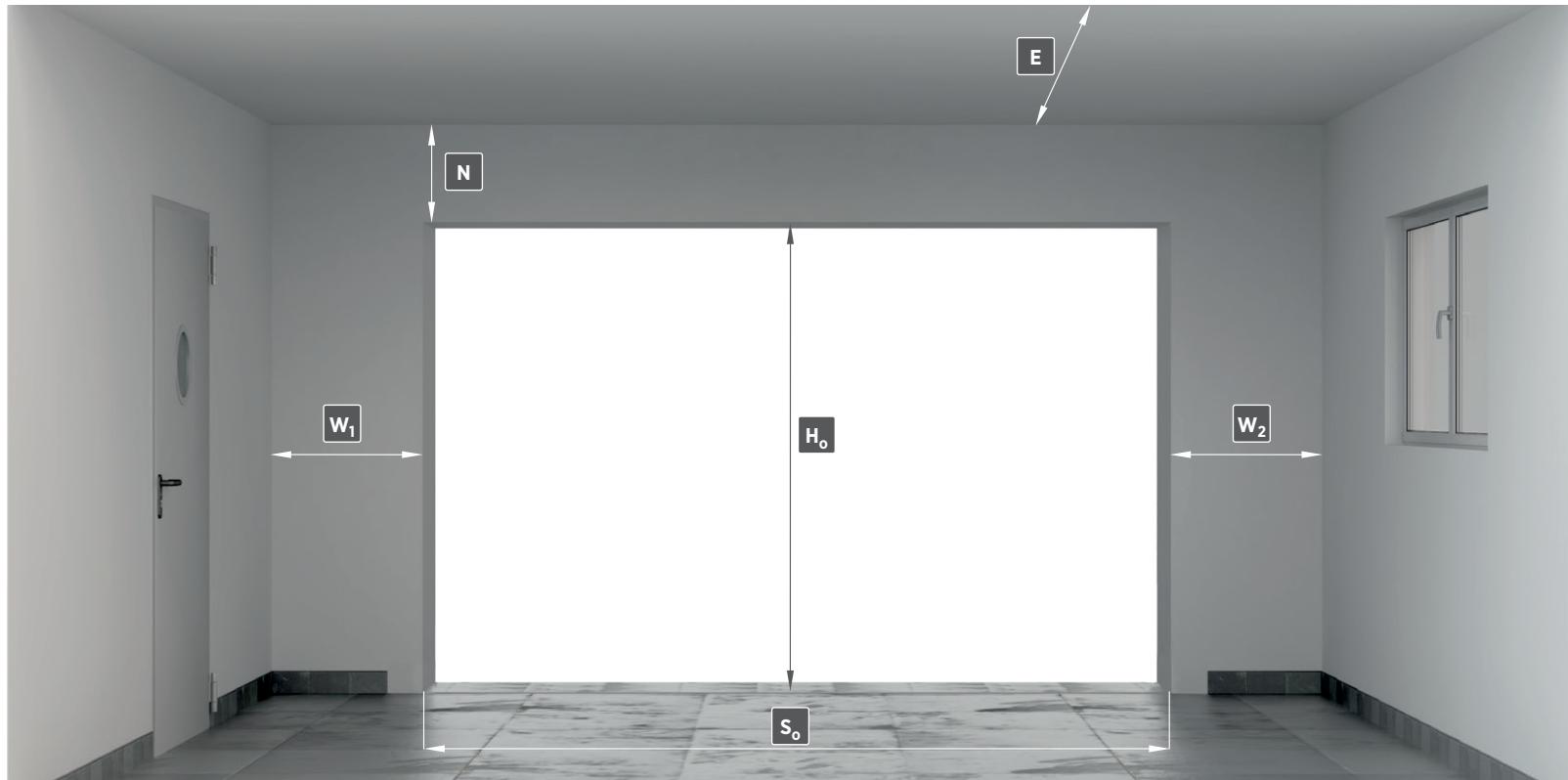
Door height in [m]	Door width in [m]																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,100	1,3	1,3	1,3	1,3	1,3	1,3	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2
2,125	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
2,200	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	1,2
2,250	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	1,1
2,375	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	1,1
2,500	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
2,625	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	1,2
2,750	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	1,2	1,2	
2,875	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	1,2	1,2	
3,000	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	
3,250	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	1,2	1,2	
3,500	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	1,2	1,2	1,2	

U thermal transmittance factor [W/m²K] for the **UniTherm and PRIME** sectional doors (INNOVO 60 [mm] panel)

Door height in [m]	Door width in [m]																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000	1,1	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,97
2,100	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,98	0,97	0,97	0,96	0,95
2,125	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,98	0,97	0,97	0,96	0,95	0,95
2,200	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,97	0,96	0,96	0,95	0,95	0,94	0,93
2,250	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,95	0,94	0,94	0,93	0,92
2,375	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,94	0,93	0,93	0,92	0,92	0,91	0,90
2,500	1,1	1,1	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,99	0,98	0,98		
2,625	1,1	1,1	1,1	1,1	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,97				
2,750	1,1	1,0	1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96	0,96	0,95				
2,875	1,0	1,0	1,0	1,0	1,0	1,0	0,98	0,97	0,96	0,95	0,95	0,94	0,93				
3,000			1,0	1,0	0,99	0,98	0,97	0,96	0,95	0,94	0,93	0,92					
3,250			1,0	1,0	1,0	1,0	1,0	0,99	0,98	0,97	0,96						
3,500				1,0	0,99	0,97	0,96	0,95									

The factors are provided for doors without glazing, wicket doors, ventilation grilles, aluminium panels, and additional thermal gaskets.

Technical information



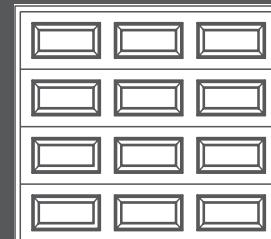
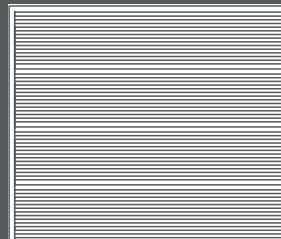
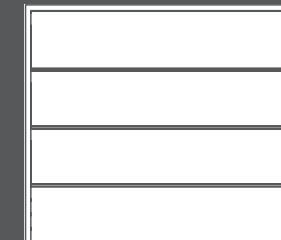
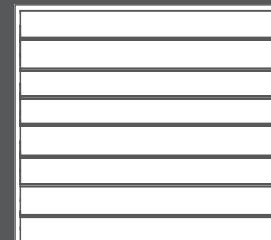
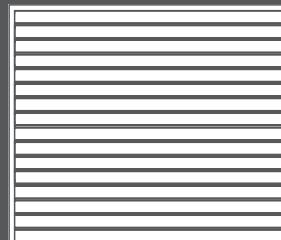
- s_o** – opening width, ordering dimension
- h_o** – opening height, ordering dimension
- n** – minimum required lintel height

- w_1** – minimum required side clearance
- w_2** – minimum required side clearance
- e** – minimum garage depth with clearance under the ceiling

TYPES OF TRACKS

- Sp** - torsion springs installed in the front by the lintel, garage door with double horizontal tracks,
- St** - torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks,
- Sj** - torsion springs installed in the front by the lintel, garage door with single horizontal tracks (the UniTherm garage door is fitted with auxiliary reinforcing tracks),
- SpA** - tracks at an angle, torsion springs installed in the front by the lintel,
- StA** - tracks at an angle, torsion springs installed at the end of diagonal tracks,
- HL** - high tracks, torsion springs installed by the lintel,
- N** - tension spring system, garage door with double horizontal tracks,
- NP** - pull springs mounted along the vertical tracks.

PANEL TYPES FOR SECTIONAL GARAGE DOORS





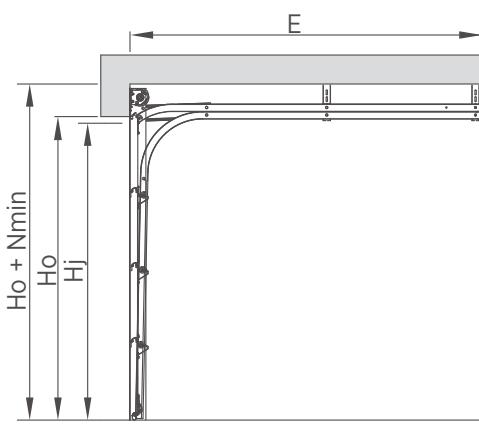
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type **G**, **W**, **V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type **K**
- $S_o = 2,000$ [mm] when $H_o > 3,000$ [mm]

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	
3,250																	
3,500																	

Installation dimensions



Sp	SSpN	SSpN, SSpG, SSpW, SSpK	SSpG, SSpW	SSpV
Colour/Structure	RAL 8014, RAL 9006, RAL 9016, other RAL (woodgrain)	Golden Oak, Walnut, RAL 7016, RAL 8014, RAL 9016, RAL 9006 panel type G , W , K (woodgrain) film coating (smoothgrain)	Golden Oak, Walnut (smooth-grain), Anthracite (sandgrain) RAL 7016, RAL 9016, RAL 9005, other RAL (silkline), Home Inclusive 2.0	RAL 9006, RAL 7016, other RAL (silkline)
Dimension	standard	special	standard	special
Nmin	=200 [mm] for $H_o = 2,000$ [mm] $H_o = 2,100$ [mm] $H_o = 2,250$ [mm] $H_o = 2,500$ [mm] =220 [mm] for $H_o = 2,125$ [mm] $H_o = 2,200$ [mm]	=200 [mm]	=200 [mm] for $H_o = 2,100$ [mm] $H_o = 2,250$ [mm] =220 [mm] for $H_o = 2,125$ [mm] $H_o = 2,200$ [mm]	=200 [mm] for $H_o = 2,000$ [mm] $H_o = 2,100$ [mm] $H_o = 2,125$ [mm] $H_o = 2,250$ [mm] $H_o = 2,375$ [mm] $H_o = 2,500$ [mm] =220 [mm] for $H_o = 2,200$ [mm]
Sj			Sj - 40 [mm]	
Hj	Manual		Hj - 160 [mm]	
	Manual + catcher		Hj - 80 [mm]	
	With a drive unit		Hj - 50 [mm]	
W1, W2			110 [mm]	
Emin	Manual		Emin - 400 [mm]	
	With the MOTO drive		Ls + 300 [mm]	
	With the METRO drive		Ls + 410 [mm]	
	With the SPARK drive		Ls + 363 [mm]	
Ls	With the MOTO drive		2,900 [mm] for $H_o \leq 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \leq 2,850$; 4,500 [mm] for $H_o > 2,850$ [mm]	
	With the METRO drive			
	With the SPARK drive		3,288 [mm] for $H_o \leq 2,250$; 3,831 [mm] for $H_o > 2,250$ and $H_o \leq 2,750$; 4,384 [mm] for $H_o > 2,751$ and $H_o \leq 3,250$; 4,927 [mm] for $H_o > 3,251$ [mm]	

S_o – opening width, ordering dimension. **S_j** – clear passage width after garage door installation **H_o** – opening height, ordering dimension. **H_j** – clear passage height after garage door installation. **N** – minimum required lintel height. **W₁** – minimum required side clearance. **W₂** – minimum required side clearance. **E** – minimum garage depth with clearance under the ceiling. **L_s** – drive rail length. ⁽¹⁾ – Ordering dimension.



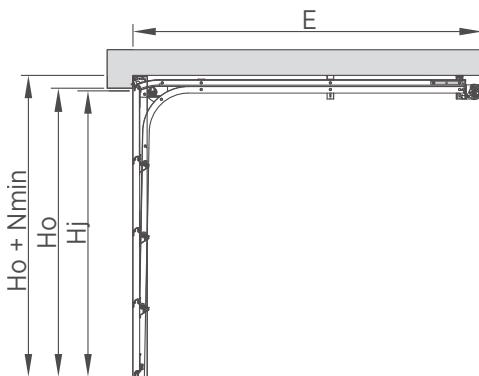
Torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type **G**, **W**, **V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type **K**

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																
2,750																
2,875																
3,000																

Installation dimensions



St		SStN, SStG, SStW, SStV		SstV
Colour/Structure		all available colour and structure combinations		RAL 9006, RAL 7016, other RAL (silkline)
Dimension		standard	special	special
Nmin	Manual		100 [mm]	
	With the MOTO drive			140 [mm]
	With the METRO drive			
	With the SPARK drive		150 [mm]	
Hj	Sj		Sj - 40 [mm]	
	Manual		Hj - 160 [mm]	
	Manual + catcher		Hj - 90 [mm]	Hj - 90 [mm]
Emin	W1, W2		110 [mm]	
	Manual		Hj + 750 [mm]	
	With the MOTO drive		Ls + 300 [mm]	
	With the METRO drive		Ls + 410 [mm]	
Ls	With the SPARK drive		Ls + 363 [mm]	
	With the MOTO drive	2,900 [mm] for $H_o \leq 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \leq 2,850$; 4,500 [mm] for $H_o > 2,850$ [mm]		
	With the METRO drive	3,288 [mm] for $H_o \leq 2,250$; 3,831 [mm] for $H_o > 2,250$ and $H_o \leq 2,750$; 4,384 [mm] for $H_o > 2,751$ [mm]		

So – opening width, ordering dimension. **Sj** – clear passage width after garage door installation **Ho** – opening height, ordering dimension. **Hj** – clear passage height after garage door installation. **N** – minimum required lintel height. **W₁** – minimum required side clearance. **W₂** – minimum required side clearance. **E** – minimum garage depth with clearance under the ceiling. **Ls** – drive rail length. ⁽¹⁾ – Ordering dimension.

Torsion springs installed in the front by the lintel, garage door with double horizontal tracks (active and passive reinforcing track)

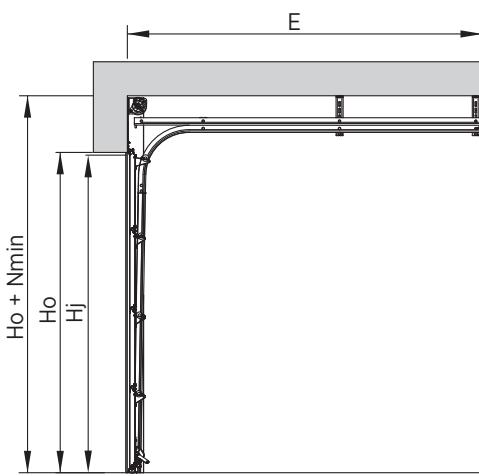
Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type  
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type    
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type  
- $S_o = 2,000$ [mm] when $H_o > 3,000$ [mm]



Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	
3,250																	
3,500																	

Installation dimensions



Sj		SSjN		SSjN, SSjG, SSjW, SSjK		SSjG, SSjW		
Colour/Structure	Dimension	standard	special	standard	special	standard	special	
	Nmin	=400 [mm] for Ho = 2,000 [mm] Ho = 2,100 [mm] Ho = 2,250 [mm] Ho = 2,500 [mm] =420 [mm] for Ho = 2,125 [mm] Ho = 2,200 [mm]	=400 [mm]	=400 [mm] for Ho = 2,100 [mm] Ho = 2,250 [mm] =420 [mm] for Ho = 2,125 [mm] Ho = 2,200 [mm]	=400 [mm]	=400 [mm] for Ho = 2,000 [mm] Ho = 2,100 [mm] Ho = 2,125 [mm] Ho = 2,250 [mm] Ho = 2,375 [mm] Ho = 2,500 [mm] =420 [mm] for Ho = 2,200 [mm]	=400 [mm]	
Sj		Ho - 40 [mm]						
Hj	Manual	Hj = Ho - 20 [mm]						
	Manual + catcher	Hj = Ho - 20 [mm]						
Emin	With a drive unit	110 [mm]						
	W1, W2	Ho + 400 [mm]						
Ls	Manual	Ls + 300 [mm]						
	With the MOTO drive	Ls + 410 [mm]						
	With the METRO drive	Ls + 363 [mm]						
	With the SPARK drive	2,900 [mm] for Ho ≤ 2,250; 3,500 [mm] for Ho > 2,250 and Ho ≤ 2,850; 4,500 [mm] for Ho > 2,850						
	With the MOTO drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 and Ho ≤ 3,250; 4,927 [mm] for Ho > 3,251 [mm]						
	With the METRO drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 and Ho ≤ 3,250; 4,927 [mm] for Ho > 3,251 [mm]						
	With the SPARK drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 and Ho ≤ 3,250; 4,927 [mm] for Ho > 3,251 [mm]						

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W₁ – minimum required side clearance. W₂ – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. ⁽¹⁾ – Ordering dimension.

Extension springs, garage door with double horizontal tracks

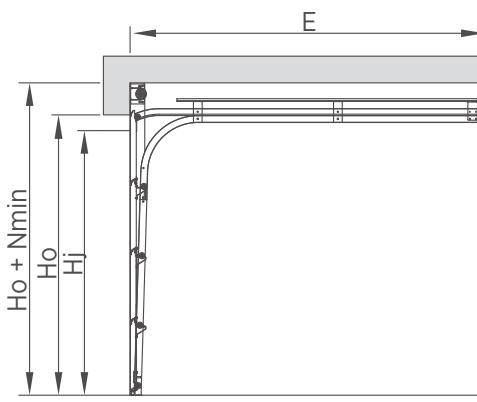
Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type **G, W, V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type **K**



Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															

Installation dimensions

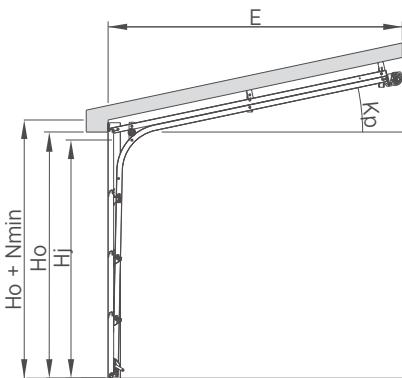


N		SNN		SNN, SNG, SNW, SNK		SNG, SNW	
Colour/Structure		RAL 8014, RAL 9006, RAL 9016, other RAL (Woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel (woodgrain)		Golden Oak, Walnut RAL 7016, RAL 8014, RAL 9016 panel (woodgrain)	
Dimension		standard	special	standard	special	standard	special
N_{min}	=220 [mm] for $H_o = 2,000$ [mm] $H_o = 2,100$ [mm] $H_o = 2,250$ [mm] $H_o = 2,500$ [mm] =240 [mm] for $H_o = 2,125$ [mm] $H_o = 2,200$ [mm]	=220 [mm]	=200 [mm] for $H_o = 2,100$ [mm] $H_o = 2,250$ [mm] =240 [mm] for $H_o = 2,125$ [mm] $H_o = 2,200$ [mm]	=220 [mm]	=220 [mm]	=220 [mm] for $H_o = 2,000$ [mm] $H_o = 2,100$ [mm] $H_o = 2,125$ [mm] $H_o = 2,250$ [mm] $H_o = 2,375$ [mm] $H_o = 2,500$ [mm] =240 [mm] for $H_o = 2,200$ [mm]	=220 [mm]
S_j		So - 40 [mm]					
H_j	Manual	$Ho - 130$ [mm]					
	Manual + catcher	$Ho - 80$ [mm]					
	With a drive unit	110 [mm]					
E_{min}	W1, W2	$Ho + 800$ [mm]					
	Manual	$L_s + 300$ [mm]					
	With the MOTO drive	$L_s + 410$ [mm]					
	With the METRO drive	$L_s + 363$ [mm]					
L_s	With the SPARK drive	2,900 [mm] for $H_o \le 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \le 2,850$; 4,500 [mm] for $H_o > 2,850$ [mm]					
	With the MOTO drive	3,288 [mm] for $H_o \le 2,250$; 3,831 [mm] for $H_o > 2,250$ and $H_o \le 2,750$; 4,384 [mm] for $H_o > 2,751$ [mm]					
	With the METRO drive						
	With the SPARK drive						

So – opening width, ordering dimension. **Sj** – clear passage width after garage door installation **Ho** – opening height, ordering dimension. **Hj** – clear passage height after garage door installation. **N** – minimum required lintel height. **W₁** – minimum required side clearance. **W₂** – minimum required side clearance. **E** – minimum garage depth with clearance under the ceiling. **L_s** – drive rail length. ⁽¹⁾ – Ordering dimension.



Installation dimensions



Minimum garage depth

Tracks at an angle, torsion springs installed at the end of diagonal tracks

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type **G**, **W**, **V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type **K**

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															

StA	N _{min}				H _j			S _j	W _{1,W₂}
	K _p	manual	with the MOTO, METRO drive	with the SPARK drive	manual	manual + catcher	automatic		
degrees [°]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		
2	140	170	190	Ho - 100	Ho - 80	Ho - 70	Ho - 70	S _j - 40	W _{1,W₂} - 110
3	135	165	185	Ho - 110	Ho - 90	Ho - 70	Ho - 70		
4	130	160	180	Ho - 120	Ho - 90	Ho - 70	Ho - 70		
5	120	150	170	Ho - 130	Ho - 90	Ho - 70	Ho - 70		
6	110	140	160	Ho - 140	Ho - 90	Ho - 70	Ho - 70		
7	110	140	155	Ho - 140	Ho - 90	Ho - 70	Ho - 70		
8	100	130	145	Ho - 140	-	Ho - 70	Ho - 70		
9	100	120	135	Ho - 140	-	Ho - 70	Ho - 70		
10	100	110	125	Ho - 140	-	Ho - 70	Ho - 70		
11	100	100	115	Ho - 140	-	Ho - 60	Ho - 60		
12	100	100	110	Ho - 140	-	Ho - 60	Ho - 60		
13	100	100	110	Ho - 140	-	Ho - 60	Ho - 60		
14 to 20	100	100	100	Ho - 140	-	Ho - 60	Ho - 60		

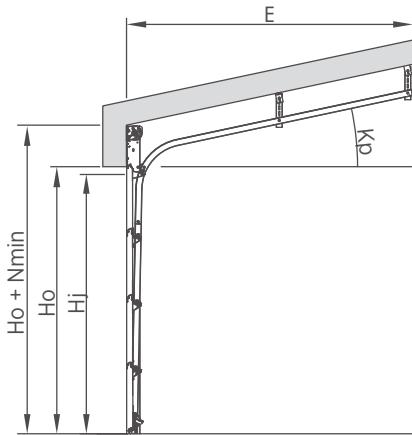
E _{min}
Automatic: $E_{min} = \cos(K_p) \times E_{min'}$
Manual: $E_{min} = \cos(K_p) \times (H_o + 800)$
H_o - opening height
Emin' - value from the table, depending on the automatic operating unit and H_o
K _p - inclination angle of the ceiling in relation to the floor

Drive unit	E _{min'}	Height H_o
MOTO	3,200	0 - 2,250
	3,800	2,251 - 2,625
METRO	3,310	0 - 2,250
	3,910	2,251 - 2,625
SPARK	3,650	0 - 2,250
	4,190	2,251 - 2,625

S_o – opening width, ordering dimension. S_j – clear passage width after garage door installation **H_o – opening height, ordering dimension.** H_j – clear passage height after garage door installation. N – minimum required lintel height. W₁ – minimum required side clearance. W₂ – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. L_s – drive rail length. ⁽¹⁾ – Ordering dimension.



Installation dimensions



Minimum garage depth

Tracks at an angle, torsion springs installed in the front by the lintel

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] - garage doors type **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] - garage doors type **G**, **W**, **V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] - garage doors type **K**

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															

SpA	Nmin			Hj		Sj	W1,W2
	Kp	manual	with the MOTO, METRO drive	with the SPARK drive	manual		
degrees [°]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
	2 to 3	360	390	390	$H_o - 50$		
	4	350	380	380	$H_o - 50$		
	5 to 6	350	370	370	$H_o - 50$		
	7	350	360	360	$H_o - 50$		
	8 to 20	350	350	350	$H_o - 50$		
$S_o - 40$						110	

Emin
Automatic: $Emin = \cos(K_p) \times Emin'$
Manual: $Emin = \cos(K_p) \times (H_o + 450)$
H_o - opening height
Emin' - value from the table, depending on the automatic operating unit and H_o
Kp - inclination angle of the ceiling in relation to the floor

Drive unit	Emin'	Height H_o
MOTO	3,200	0 - 2,250
	3,800	2,251 - 2,625
METRO	3,310	0 - 2,250
	3,910	2,251 - 2,625
SPARK	3,650	0 - 2,250
	4,190	2,251 - 2,625

S_o - opening width, ordering dimension. S_j - clear passage width after garage door installation **H_o - opening height, ordering dimension.** H_j - clear passage height after garage door installation. N - minimum required lintel height. W_1 - minimum required side clearance. W_2 - minimum required side clearance. E - minimum garage depth with clearance under the ceiling. L_s - drive rail length. ⁽¹⁾ - Ordering dimension.



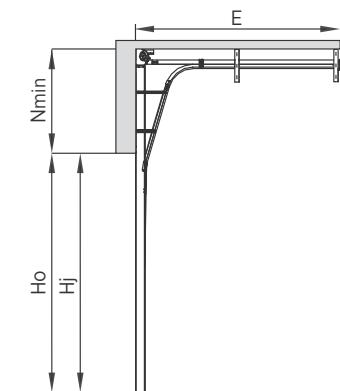
High tracks, torsion springs installed by the lintel

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,955$ [mm] – garage doors type
- $S_o = 2,230$ [mm] and $H_o = 2,040$ [mm] – garage doors type

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															

Installation dimensions



HL		SHLN, SHLG, SHLW, SHLK	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
Nmin	Manual	400 < N ≤ 1,300	
	With a drive unit		
Hj	Sj	S _o - 40 [mm]	
	Manual	H _o - 20 [mm]	
Emin	With a drive unit	110 [mm]	
	W1, W2	H _o - 0.8 x N+645 [mm]	
	Manual	3,200 [mm] for H _o ≤ 2,080; 3,800 [mm] for 2,080 < H _o ≤ 2,680; 4,800 [mm] for H _o > 2,680	
W1	With the MOTO drive	3,310 [mm] for H _o ≤ 2,080; 3,910 [mm] for 2,080 < H _o ≤ 2,680; 4,910 [mm] for H _o > 2,680	
	With the METRO drive		

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W₁ – minimum required side clearance. W₂ – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. ⁽¹⁾ – Ordering dimension.

Extension springs mounted along the vertical tracks

Minimum garage door dimensions:

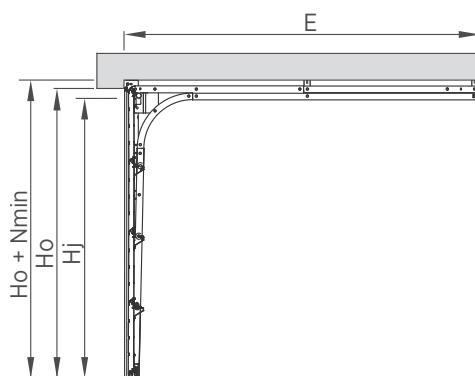
- $S_o = 1,500$ [mm] and $H_o = 1,800$ [mm] – garage doors type  **N**
- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm] – garage doors type  **G**,  **W**,  **V**
- $S_o = 2,230$ [mm] and $H_o = 1,990$ [mm] – garage doors type  **K**
- $S_o \leq 1,750$ [mm] and $H_{o \max} = 2,500$ [mm], $1,750 \text{ [mm]} < S_o < 2,000$ [mm] $H_{o \max} = 2,750$ [mm]



Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to													
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750
2,000														
2,100														
2,125														
2,200														
2,250														
2,375														
2,500														
2,625														
2,750														
2,875														
3,000														

 – not applicable to doors with the Sandgrain and RAL 9005 Silkline finish.

Installation dimensions



		SNPN, SNPG, SNPW, SNPK			SNPV
Colour/Structure		all available colour and structure combinations			RAL 9006, RAL 7016, other RAL (Silkline)
Dimension		standard	special	special	special
Nmin	Manual			90 [mm]	
	With the MOTO drive			100 [mm]	
	With the METRO drive			120 [mm]	
	With the SPARK drive				
Hj	Sj			$S_o - 40$ [mm]	
	Manual + catcher (standard)			$H_o - 60$ [mm]	
	With a drive unit			$H_o - 60$ [mm]	
Emin	W1, W2			100 [mm]	
	Manual			$H_o + 600$ [mm]	
	With the MOTO drive			$L_s + 300$ [mm]	
	With the METRO drive			$L_s + 410$ [mm]	
Ls	With the SPARK drive			$L_s + 363$ [mm]	
	With the MOTO drive	$2,900$ [mm] for $H_o \leq 2,250$; $3,500$ [mm] for $H_o > 2,250$ and $H_o \leq 2,850$; $4,500$ [mm] for $H_o > 2,850$			
	With the METRO drive	$3,288$ [mm] for $H_o \leq 2,250$; $3,831$ [mm] for $H_o > 2,250$ and $H_o \leq 2,750$; $4,384$ [mm] for $H_o > 2,751$ [mm]			

S_o – opening width, ordering dimension. **S_j** – clear passage width after garage door installation **H_o – opening height, ordering dimension.** **H_j** – clear passage height after garage door installation. **N** – minimum required lintel height. **W_1** – minimum required side clearance. **W_2** – minimum required side clearance. **E** – minimum garage depth with clearance under the ceiling. **L_s** – drive rail length. ⁽¹⁾ – Ordering dimension.

UniPro RenoSystem

St tracks



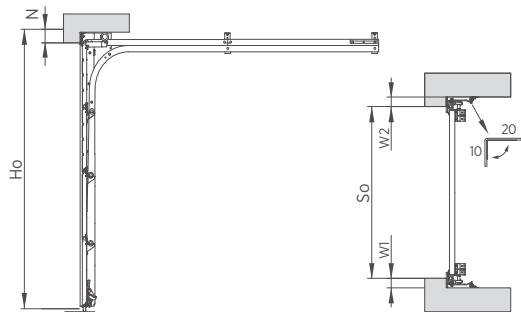
Available range of dimensions for tracks

Minimum garage door dimensions:

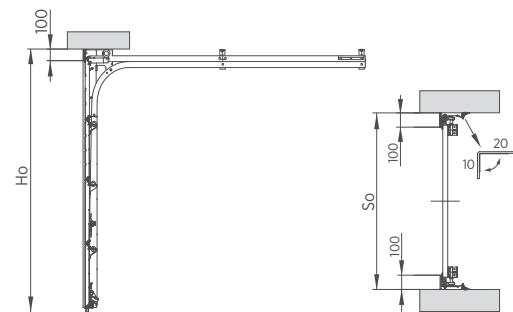
- $S_0 = 1,500$ [mm] and $H_0 = 1,900$ [mm].

Opening height (H_0) in [mm] up to	Opening width (S_0) in [mm] up to													
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750
2,000														
2,100														
2,125														
2,200														
2,250														
2,375														
2,500														
2,625														
2,750														
2,875														

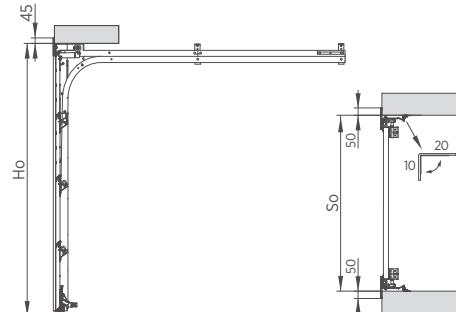
Installation behind the opening – fascia panel behind the opening



Installation in the opening – fascia panel in the opening



Installation in the opening – fascia panel in front of the opening



Installation dimensions

St		Installation behind the opening	Installation in the opening
Hj	Sj	$S_0 - 240$ [mm] + $W_1 + W_2$	$S_0 - 240$ [mm]
	manual	$H_0 - 210$ [mm] + N	$H_0 - 210$ [mm]
	manual + catcher	$H_0 - 160$ [mm] + N ⁽¹⁾	$H_0 - 160$ [mm] ⁽¹⁾
	with the MOTO, METRO drive	$H_0 - 160$ [mm] + N ⁽¹⁾	$H_0 - 160$ [mm] ⁽¹⁾
	Nmin	0 [mm]	0 [mm]
	W1min, W2min	0 [mm]	0 [mm]
	S	$S_0 - 200$ [mm] + $W_1 + W_2$	
	H	$H_0 - 100$ [mm] + N	

If: $N > 100$ [mm] assume 100 [mm]; $W_1 > 100$ [mm] assume $W_1 = 100$ [mm]; $W_2 > 100$ [mm] assume $W_2 = 100$ [mm]

S_0 – opening width, ordering dimension. S_j – clear passage width after garage door installation **H_0 – opening height, ordering dimension.** H_j – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. ⁽¹⁾ – When a lock is fitted in the garage door with a safety brake $H_j = H_0 - 190$ [mm] + N

UniPro RenoSystem

SNP tracks



Available range of dimensions for tracks

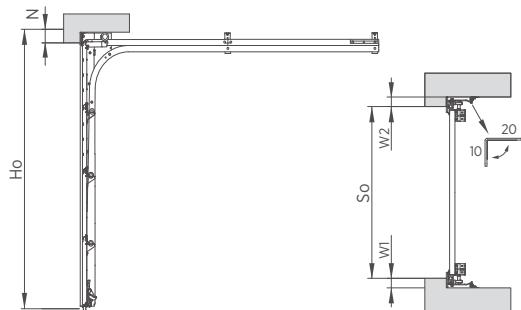
Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,900$ [mm].

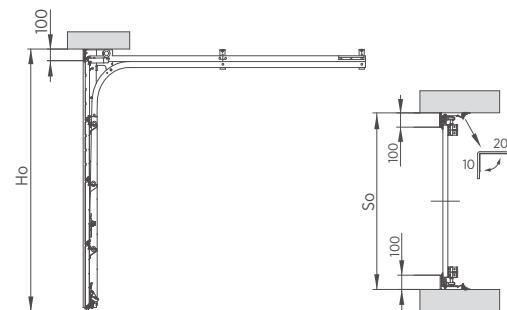
Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to													
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750
2,000														
2,100														
2,125														
2,200														
2,250														
2,375														
2,500														
2,625														
2,750														
2,875														

 - not applicable to doors with the Sandgrain and RAL 9005 Silkline finish.

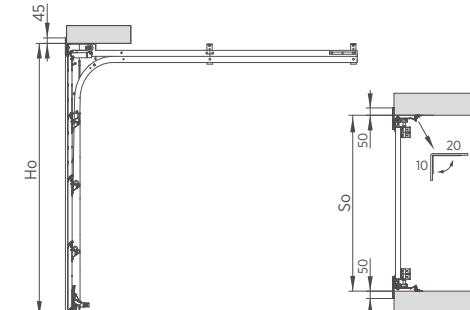
Installation behind the opening – fascia panel behind the opening



Installation in the opening – fascia panel in the opening



Installation in the opening – fascia panel in front of the opening



Installation dimensions

SN		Installation behind the opening		Installation in the opening	
Sj		So - 240 [mm] + W1 + W2		So - 240 [mm]	
Hj	manual	Ho - 320 [mm] + N		Ho - 320 [mm]	
	manual + catcher	Ho - 240 [mm] + N		Ho - 240 [mm]	
	with the MOTO, METRO drive	Ho - 220 [mm] + N		Ho - 220 [mm]	
Nmin		0 [mm]		0 [mm]	
W1min, W2min		0 [mm]		0 [mm]	
S		So - 200 [mm] + W1 + W2			
H		Ho - 100 [mm] + N			

If: $N > 100$ [mm] assume 100 [mm]; $W1 > 100$ [mm] assume $W1 = 100$ [mm]; $W2 > 100$ [mm] assume $W2 = 100$ [mm]

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W₁ – minimum required side clearance. W₂ – minimum required side clearance. E – minimum garage depth with clearance under the ceiling.

UniPro Nano80

Nano80 tracks



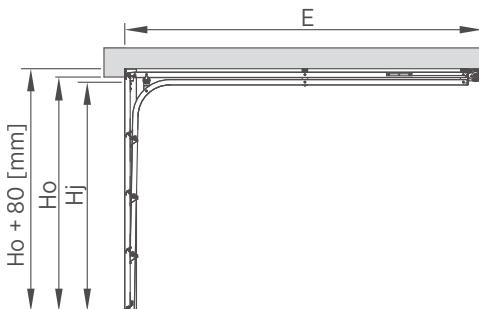
Nano80 – low tracks, torsion springs installed at the end of horizontal tracks

Minimum garage door dimensions:

- $S_o = 1,500$ [mm] and $H_o = 1,955$ [mm] – garage doors type
- $S_o = 2,230$ [mm] and $H_o = 2,040$ [mm] – garage doors type

Opening height ⁽¹⁾ (H_o) in [mm] up to	Opening width ⁽¹⁾ (S_o) in [mm] up to															
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500
2,000																
2,100																
2,125																
2,200																
2,250																
2,375																
2,500																
2,625																
2,750																
2,875																
3,000																

Installation dimensions



Nano80		SStN, SStG, SStW, SStK	
Colour/Structure		all available colour and structure combinations	
Dimension		standard	special
N_{min}	With a drive unit	80 [mm]	
	S_j	$S_o - 40$ [mm]	
H_j	With the MOTO drive	$H_o - 80$ [mm]	
	With the METRO drive	$H_o - 80$ [mm]	
W_1, W_2		110 [mm]	
E_{min}	With the MOTO drive	$L_s + 600$ [mm]	
	With the METRO drive	$L_s + 600$ [mm]	
L_s		2,900 [mm] for $H_o \leq 2,250$; 3,500 [mm] for $H_o > 2,250$ and $H_o \leq 2,850$; 4,500 [mm] for $H_o > 2,850$	

S_o – opening width, ordering dimension. S_j – clear passage width after garage door installation **H_o – opening height, ordering dimension.** H_j – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. L_s – drive rail length. ⁽¹⁾ – Ordering dimension.

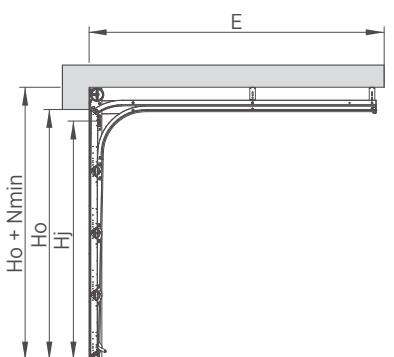
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions: $S_0 = 2,000$ [mm] and $H_0 = 1,800$ [mm]



Opening height ⁽¹⁾ (H_0) in [mm] up to	Opening width ⁽¹⁾ (S_0) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	
3,250																	
3,500																	

Installation dimensions



UniTherm		SSp
S_j		$S_0 = 40$ [mm]
H_j	Manual	$H_0 = 280$ [mm]
	Manual + catcher	$H_0 = 140$ [mm]
	With a drive unit	$H_0 = 100$ [mm]
$W_{1\min}, W_{2\min}$		110 [mm]
E_{\min}	Manual	$H_0 + 400$ [mm]
	With the MOTO drive	$L_s + 300$ [mm]
	With the METRO drive	$L_s + 410$ [mm]
	With the SPARK drive	$L_s + 363$ [mm]
L_s	With the MOTO drive	2,900 [mm] for $H_0 \le 2,250$; 3,500 [mm] for $H_0 > 2,250$ and $H_0 \le 2,850$; 4,500 [mm] for $H_0 > 2,850$ [mm]
	With the METRO drive	3,288 [mm] for $H_0 \le 2,250$; 3,831 [mm] for $H_0 > 2,250$ and $H_0 \le 2,750$; 4,384 [mm] for $H_0 > 2,751$ and $H_0 \le 3,250$; 4,927 [mm] for $H_0 > 3,251$ [mm]
	With the SPARK drive	

Minimum lintel height

Standard garage door height [mm]	N_{\min} [mm]	
	Manual	With the MOTO, METRO, SPARK drive unit
2,000	200	200
2,100	200	200
2,125	200	200
2,200	220	220
2,250	200	200
2,375	200	200
2,500	200	200
Custom garage door height	200	200

S_0 – opening width, ordering dimension. S_j – clear passage width after garage door installation **H_0 – opening height, ordering dimension.** H_j – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. L_s – drive rail length. ⁽¹⁾ – Ordering dimension.

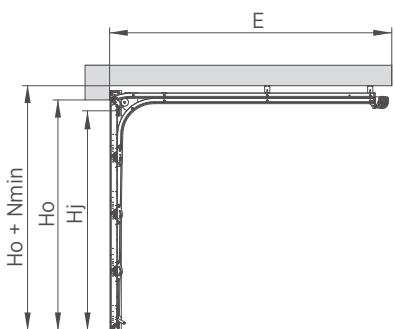


Torsion springs installed at the end of horizontal tracks, garage door with double horizontal tracks

Minimum garage door dimensions: So = 2,000 [mm] and Ho = 1,800 [mm]

Opening height ⁽¹⁾ (Ho) in [mm] up to	Opening width ⁽¹⁾ (So) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															

Installation dimensions



UniTherm		SSt	
Sj		So - 40 [mm]	
Hj	Manual	Ho - 190 [mm]	
	Manual + catcher	Ho - 140 [mm]	
	With a drive unit	Ho - 140 [mm]	
W1min, W2min		110 [mm]	
Emin	Manual	Ho + 750 [mm]	
	With the MOTO drive	Ls + 300 [mm]	
	With the METRO drive	Ls + 410 [mm]	
	With the SPARK drive	Ls + 363 [mm]	
Ls	With the MOTO drive	2,900 [mm] for Ho ≤ 2,250; 3,500 [mm] for Ho > 2,250 and Ho ≤ 2,850; 4,500 [mm] for Ho > 2,850 [mm]	
	With the METRO drive	3,288 [mm] for Ho ≤ 2,250; 3,831 [mm] for Ho > 2,250 and Ho ≤ 2,750; 4,384 [mm] for Ho > 2,751 [mm]	
	With the SPARK drive		

Minimum lintel height

Standard garage door height [mm]	Nmin [mm]			
	Manual	With the MOTO drive	With the METRO drive	With the SPARK drive
2,000	105	140	140	150
2,100	105	140	140	150
2,125	105	140	140	150
2,200	115	150	150	160
2,250	105	140	140	150
2,375	105	140	140	150
2,500	105	140	140	150
Custom garage door height	105	140	140	150

So – opening width, ordering dimension. Sj – clear passage width after garage door installation **Ho – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W₁ – minimum required side clearance. W₂ – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. ⁽¹⁾ – Ordering dimension.

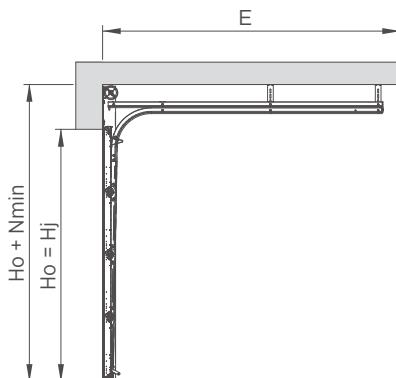
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks (active and passive reinforcing track)

Minimum garage door dimensions: $S_0 = 2,000$ [mm] and $H_0 = 1,800$ [mm]



Opening height ⁽¹⁾ (H_0) in [mm] up to	Opening width ⁽¹⁾ (S_0) in [mm] up to														
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000
2,000															
2,100															
2,125															
2,200															
2,250															
2,375															
2,500															
2,625															
2,750															
2,875															
3,000															
3,250															
3,500															

Installation dimensions



UniTherm		SSj	
Sj		Sj	
Hj	Manual	Sj - 40 [mm]	—
	Manual + catcher	Hj	
	With a drive unit	Hj	
Emin	W1min, W2min	110 [mm]	
	Manual	Hj + 400 [mm]	
	With the MOTO drive	Ls + 300 [mm]	
	With the METRO drive	Ls + 410 [mm]	
	With the SPARK drive	Ls + 363 [mm]	
Ls	With the MOTO drive	2,900 [mm] for $H_0 \leq 2,250$; 3,500 [mm] for $H_0 > 2,250$ and $H_0 \leq 2,850$; 4,500 [mm] for $H_0 > 2,850$ [mm]	
	With the METRO drive	3,288 [mm] for $H_0 \leq 2,250$; 3,831 [mm] for $H_0 > 2,250$ and $H_0 \leq 2,750$; 4,384 [mm] for $H_0 > 2,750$ and $H_0 \leq 3,250$; 4,927 [mm] for $H_0 > 3,250$ [mm]	

Minimum lintel height

Standard garage door height [mm]	Nmin [mm]	
	Manual	With the MOTO, MET-RO, SPARK drive unit
2,000	400	400
2,100	400	400
2,125	400	400
2,200	410	410
2,250	400	400
2,375	400	400
2,500	400	400
Custom garage door height	400	400

Sj – opening width, ordering dimension. Sj – clear passage width after garage door installation **Hj – opening height, ordering dimension.** Hj – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. Ls – drive rail length. ⁽¹⁾ – Ordering dimension.

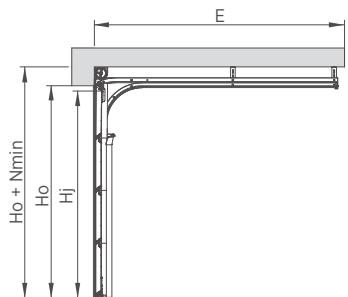
Torsion springs installed in the front by the lintel, garage door with double horizontal tracks

Minimum garage door dimensions: $S_0 = 2,000$ [mm] and $H_0 = 1,900$ [mm]



Opening height ⁽¹⁾ (H_0) in [mm] up to	Opening width ⁽¹⁾ (S_0) in [mm] up to																
	2,250	2,375	2,400	2,500	2,600	2,750	3,000	3,250	3,500	3,750	4,000	4,250	4,500	4,750	5,000	5,500	6,000
2,000																	
2,100																	
2,125																	
2,200																	
2,250																	
2,375																	
2,500																	
2,625																	
2,750																	
2,875																	
3,000																	

Installation dimensions



		PRIME
S_j		$S_0 - 40$ [mm]
H_j		$H_0 - 100$ [mm]
N_{min}		200 [mm] ⁽²⁾
W_1min, W_2min		160 [mm]
E_{min}	METRO	$L_s + 410$ [mm]
L_s	METRO	2,900 [mm] or 3,500 [mm]

S_0 – opening width, ordering dimension. S_j – clear passage width after garage door installation **H_0 – opening height, ordering dimension.** H_j – clear passage height after garage door installation. N – minimum required lintel height. W_1 – minimum required side clearance. W_2 – minimum required side clearance. E – minimum garage depth with clearance under the ceiling. L_s – drive rail length. .
⁽¹⁾ – Ordering dimension. ⁽²⁾ – For garage door height 2,200 [mm] N_{min} is 220 [mm].

Let us inspire you
in your search for new solutions!



Apart from sectional garage doors, WIŚNIOWSKI also offers other garage door solutions: roller, up and over, and double-leaf garage doors.

This diversity is our response to the requirements of our customers. Let us surprise you with the multitude of options.

WIŚNIOWSKI. Gates, windows, doors, fences.



Roller doors.

A perfect combination
of form and function.

Comfort and convenience become standard in roller doors. All roller doors feature a drive unit. The door curtain is wound on the winding shaft concealed in the box, which helps save space under the ceiling.



SAFETY

Reliable and safe **roller doors**

- Two profile heights to choose from: 77 and 100 mm.
- Bottom cellular gasket, brush seals in the tracks, as well as a gasket screwed to the lintel provide good thermal insulation.
- Distance brackets ensure proper clearance between the profiles when the door curtain is wound to allow quiet operation of the door and to extend the life of the panels.

Crank output through a wall

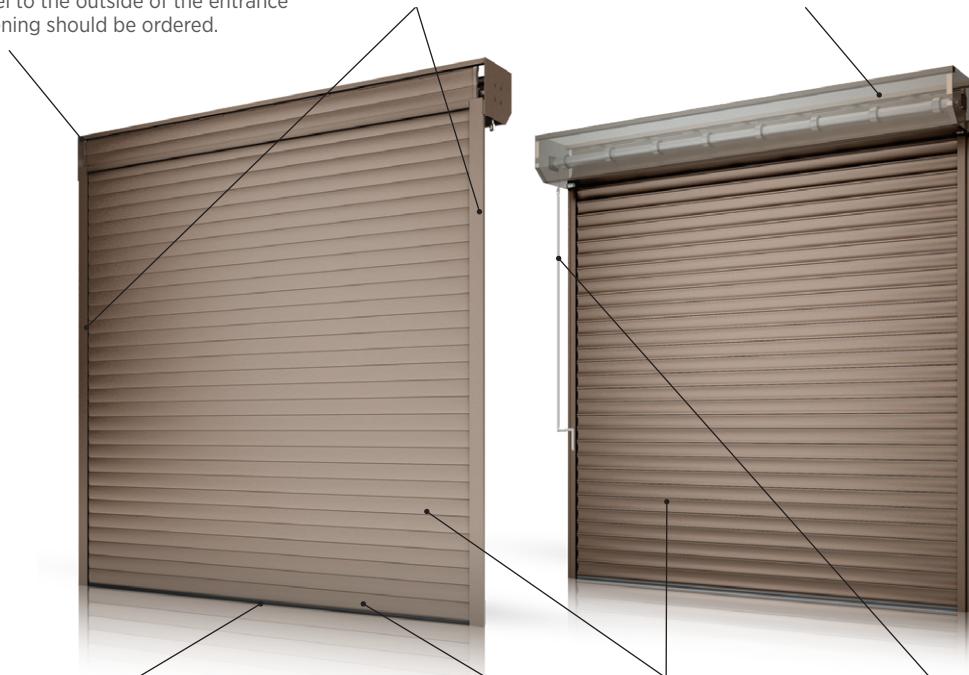
– if no other entrance is available to the room where the roller door is installed, an option which allows the crank to be output through the lintel to the outside of the entrance opening should be ordered.

Aluminium tracks

(without a thermal break) are fixed inside the room along the side edges of the opening. They are fitted with brush gaskets and slides.

Curtain lock

in the BR-77s and BR-77E doors prevents the curtain from being lifted from the outside.



Safety of use is ensured by the **safety edge**. If a curtain collides with an obstacle, it retracts to an open position.

The door curtain is fitted with a **reinforced aluminium bottom profile**, which increases the rigidity of the curtain.

Two types of light **aluminium profiles** – (100 mm and 77 mm), infilled with freon-free polyurethane foam.

Emergency opening of the door from the inside is possible **thanks to the emergency opening crank**.

Available **versions**



BR-77s | BR-77E



BR-77s | BR-77E (example glazing)



BR-77s | BR-77E with a ventilated profile

Double-leaf doors.

A simple and proven solution.

Double-leaf doors are the most economical closure system for a garage. Simple and proven solutions guarantee a low price and reliable operation.



SAFETY

Functionality and safety of double-leaf doors

- The opening frame and the leaf are made of galvanized steel sections without a thermal break.
- The leaf is infilled with galvanized steel sheet.
- The opening frame elements are joined with screwed connections.

Self-latching bolts
are installed in four points (in the upper and lower section of the leaf), and prevent the door from being opened by unauthorized persons.



Foot
prevents an open door from inadvertently closing.

A door in a thermally insulated version
is available for an improved thermal insulation of your garage.

Screwed connections
ensure durability of the entire structure comprised of galvanized steel sections.

Available **versions**



Vertical low



Design 1 – horizontal low



Design 2 – horizontal high



Design 4 – vertical high



Design 6 – slanted "SV"



Design 7 – slanted "SA"



Design H – horizontal high



Design 8 – horizontal low – shutter



Design 9 – horizontal high – shutter

Up and over doors.

A perfect classic.

Up and over doors are one of the most popular doors in the market. Their simple structure as well as straightforward and proven mechanics ensure reliable operation



SAFETY

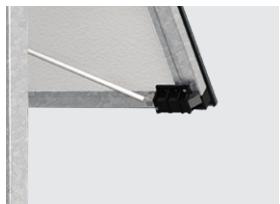
Features



Galvanized horizontal tracks and crosspiece



Opening frame made of galvanized box sections



Door leaf bolt



Lock with a lock cylinder bolting the door on both sides



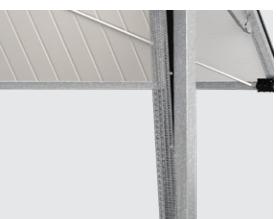
PVC panel finish, white inside



Extruded polystyrene thermal insulation



Door leaf made of galvanized steel sheet with a polyester coating



Tension spring system responsible for balancing out the door leaf weight

Available versions



Vertical low



Model 1 Horizontal low



Model 2 Horizontal high



Model 4 Vertical high



Model 5 Vertical high with a strip



Model 3 Horizontal high with a strip



Model 6



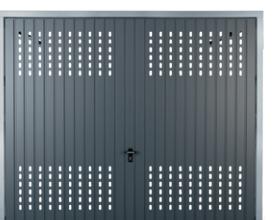
Model 7



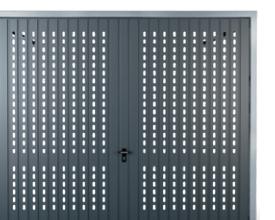
Model 20



Model 30



Model 40



Model 50



Model 8 Horizontal low - shutter



Model 9 Horizontal high - shutter



V pattern Vertical high



H pattern Horizontal high

It's great when everything **goes** **together perfectly...**

because harmony is the highest form of beauty. Choose your **garage door, windows, and shutters**, as well as **doors** and **fence** in the Home Inclusive™ system, which will create a matching set in terms of design and colour. Highlight this harmony with the smartCONNECTED smart control function and meet perfection that will never go out of fashion. A matching set of joinery and fence? From a single manufacturer in uniform design – because it is great when all the elements harmonize with your dreams, your home, and one another.



LET US INSPIRE YOU WITH OUR NEW HOME INCLUSIVE COLLECTION FEATURING 16 UNIQ

HI EARTH



HI QUARTZ GREY



ON

HI ANTHRACITE



UE COLOURS!

HI STONE



HI STEEL



HI RUBY





WIŚNIOWSKI

GATES | WINDOWS | DOORS | FENCES



DISCOVER
MORE...



www.wisniowski.eu

The products shown in the photographic material often feature special equipment and do not always correspond to their standard versions • This brochure does not constitute an offer within the meaning of the Polish Civil Code. • The manufacturer reserves the right to introduce changes without notice. • NOTE: The colours shown in this brochure are for reference only • All rights reserved • Copying and use, in part or in full, is prohibited without the consent of WIŚNIOWSKI Sp. z o.o. S.K.A. • 10/24/EN