GARAGE DOORS

WISNIOWSKI

GATES | WINDOWS | DOORS | FENCES

UP AND OVER DOORS

Novum | Progress | Komfort | Select | City | Connect

Intended use: The up and over garage door is intended for use in private buildings and utility rooms. It includes an opening frame, leaf, and horizontal ceiling-mounted tracks.

SIMPLE INSTALLATION

Simple and easy installation of up and over doors both in the opening and behind the opening has been proven in various conditions, which is why this solution continues to be so popular.

SAFETY

The safety systems focus on minimizing all traces of risk. Regardless of the method of operation, WISNIOWSKI doors ensure comfort and safety.
Our products are fully compliant with the PN-EN 13241-1+A2:2016-10 standard.

FUNCTIONALITY

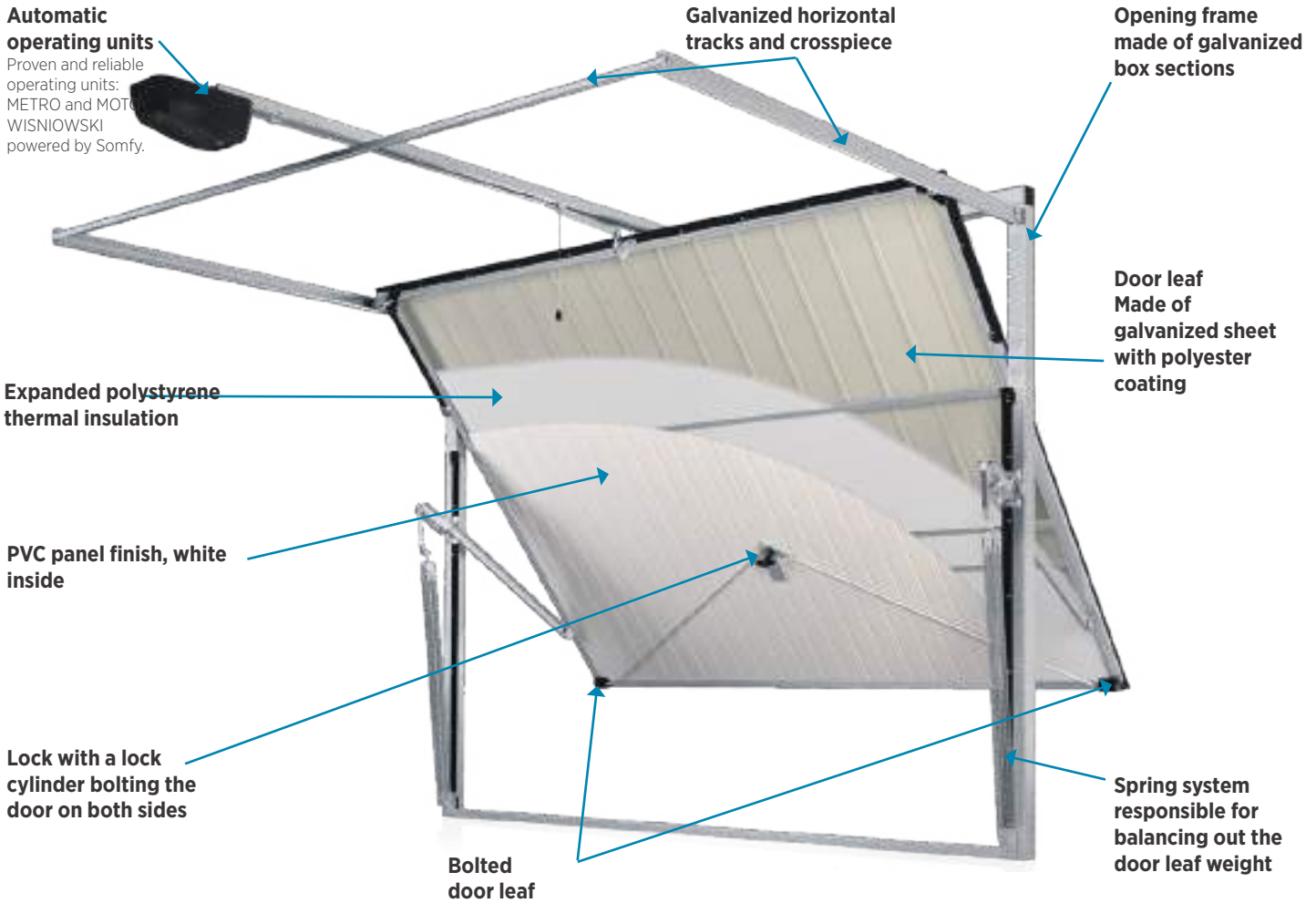
With a simple and proven structure and a broad range of models and colours, WISNIOWSKI up and over garage doors are suitable for a wide scope of applications.

STRUCTURE

The up and over door is installed behind the opening or in the opening. The opening frame and the leaf frame are made of galvanized steel box sections without a thermal break.
A pull spring system is fitted in the up and over doors, which assists in lifting and lowering the door leaf.

DOOR LEAF

Novum door – leaf lining made of galvanized steel sheet – T-10 trapezium – with a vertical infill orientation and polyester paint coating. The door is fitted with a crosspiece connecting the horizontal tracks. The Novum garage door is not available with a wicket door or thermal insulation.
Progress door – leaf lining made of galvanized steel sheet – T-10 trapezium – with a vertical infill orientation and polyester paint coating. The door is fitted with a crosspiece connecting the horizontal tracks. The door is available with thermal insulation and wicket door options.
Komfort door – (standard and special dimensions) – leaf lining made of galvanized steel sheet – T-10 trapezium – with a vertical leaf infill orientation and polyester paint coating. The Komfort doors are fitted with a crosspiece connecting the horizontal tracks (see description on page 6) and side slides. The door is available with thermal insulation, wicket door, glazing (portholes) or with a ventilation grille. The Komfort door is also available with a custom infill option.
Select door – (standard and special dimensions) – leaf lining made of galvanized steel sheet – T-10 trapezium – with a vertical, horizontal or slanted leaf infill orientation and polyester paint coating. The door is fitted with a crosspiece connecting the horizontal tracks (see description on page 6) and side slides. The door is available with thermal insulation, a wicket door (with selected models only), glazing (portholes) or with a ventilation grille.
City door – leaf lining made of galvanized steel sheet – T-10 trapezium – with a vertical infill orientation and polyester paint coating. The door is provided with ventilation holes 50 x 20 [mm] (width x height). The cables running to latches are lined with a metal sheath (except for pattern 30). The door is fitted with a crosspiece connecting the horizontal tracks. The door is not available with thermal insulation or wicket door options.
Connect door – leaf made of galvanized steel sheet with polyester coating. It consists of same width panels with a horizontal (pattern H) or vertical (pattern V) rib pattern. The Connect door is fitted as standard with an opening frame in the colour of the door, side slides, a crosspiece connecting the horizontal tracks (see description on page 6) and steel latch bolts. The door is available with thermal insulation, wicket door and renovation frame (standard dimensions) options.



UP AND OVER DOOR INFILL PATTERNS

Vertical low

Pattern 1
Horizontal low

Pattern 2
Horizontal high

Pattern 4
Vertical high

Pattern 5
Vertical high with a strip

Pattern 3
Horizontal high with a strip

Pattern 6

Pattern 7

Pattern 20

Pattern 30

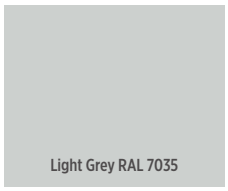
Pattern 40

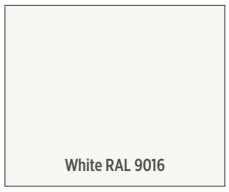
Pattern 50

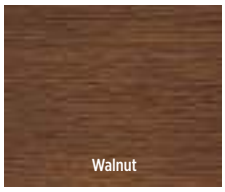
Pattern V
Vertical high

H design
Horizontal high

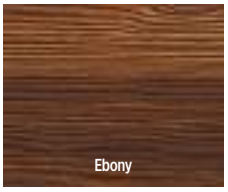
AVAILABLE COLOURS:

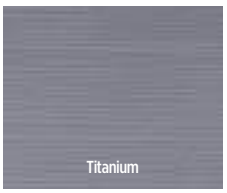






DECOR COLOURS – CONNECT DOOR

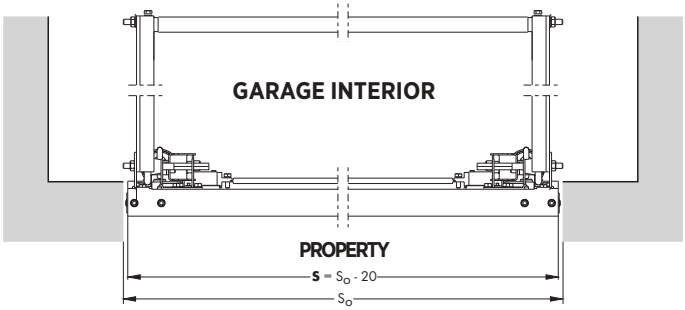




We offer a wide range of colours in response to the needs and ideas of our customers who expect a durable, appealing, and original look. The customer can match the garage door colour to the elevation, windows, doors, and finishing elements of the building. For customers looking for garage doors in unique colours, we offer powder coating in over 200 RAL palette colours.

TECHNOLOGICAL DESCRIPTION AND INSTALLATION CONDITIONS

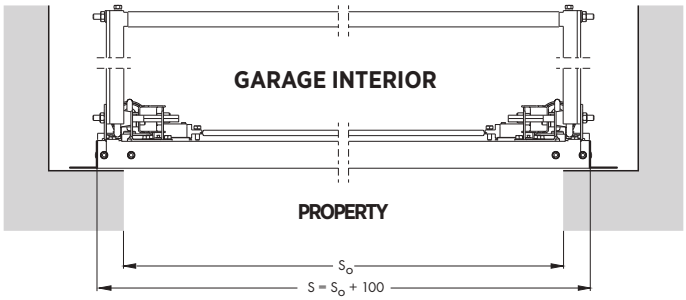
Installation in the opening



Installation in the opening (horizontal cross-section) of the Novum, Progress, Komfort, Select, City, and Connect doors.

The Komfort and Select doors with wickets in the S ≤ 2700 and H ≤ 2220 dimensional range and doors without wickets in the S ≤ 2800 and H ≤ 2300 dimensional range – are fitted with a crosspiece connecting the horizontal tracks.

Installation behind the opening



Installation behind the opening (horizontal cross-section) of the Novum, Progress, Komfort, Select, City, and Connect doors.

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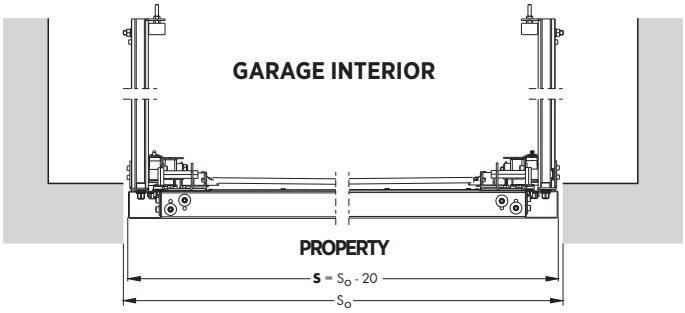
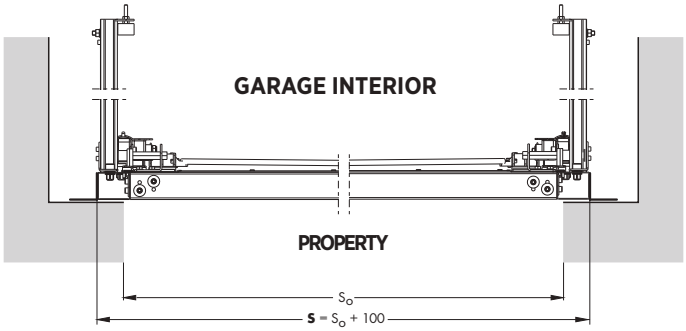


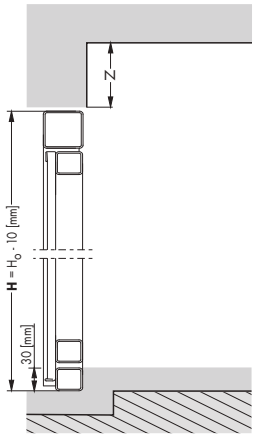
Installation in the opening (horizontal cross-section) of the Komfort, Select, and Connect doors.

Doors with wickets in the S > 2700 and H > 2220 dimensional range and doors without wickets in the S > 2800 and H > 2300 dimensional range – are not fitted with a crosspiece connecting the horizontal tracks.

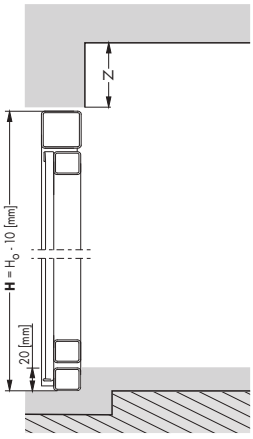


Installation behind the opening (horizontal cross-section) of the Komfort, Select, and Connect doors.

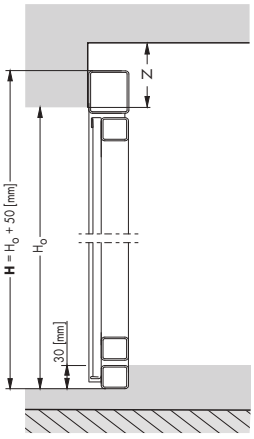
Doors with wickets in the S > 2700 and H > 2220 dimensional range and doors without wickets in the S > 2800 and H > 2300 dimensional range – are not fitted with a crosspiece connecting the horizontal tracks.



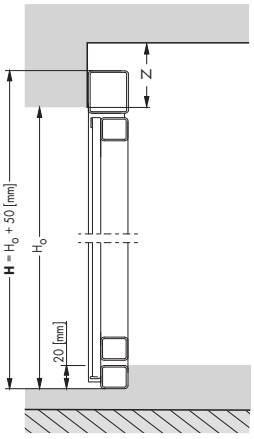
Installation in the opening – vertical cross-section (Komfort, Select, Connect).



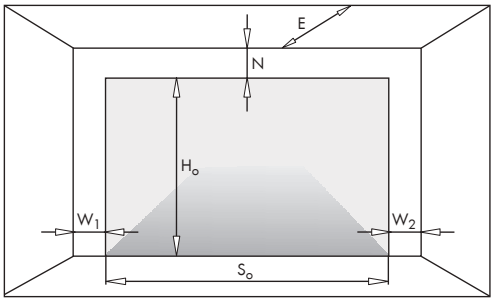
Installation in the opening – vertical cross-section (Novum, Progress, City).



Installation behind the opening – vertical cross-section (Komfort, Select, Connect).



Installation behind the opening – vertical cross-section (Novum, Progress, City).



Installation dimensions and their designation required for correct selection and installation of WISNIOWSKI up and over doors.

S_o – opening width,
Sj – clear passage width after door installation,
S – door width, ordering dimension,
H_o – opening height,
Hj – clear passage height after door installation,
H – door height , ordering dimension,
N – required lintel,
W_1 – required side clearance,
W_2 – required side clearance,
E – garage depth with clearance under the ceiling,
Ls – drive rail length.

General installation parameters

		Installation in the opening	Installation behind the opening
N_{min}	manual	**0 [mm]**	**60 [mm]**
	automatic	**60 [mm]**	**120 [mm]**
W_1 and W_2		0 [mm]	100 [mm]

Installation parameters for up and over doors.

For dimensions outside the following ranges:
- S ≤ 2800 [mm] and H ≤ 2300 [mm] for doors without wickets,
- S ≤ 2700 [mm] and H ≤ 2220 [mm] for doors with wickets.

Required lintel for installation in the opening 60 [mm], behind the opening 120 [mm].

			Door height H [mm]	Installa-tion in the opening	Installation behind the opening
E_{min}	Manual	**Novum Progress City**	1990	1810 [mm]	
			2090	2000 [mm]	
			2150		
			2195		
			2230		
		Comfort Select Connect	1600÷1880	1600 [mm]	
			1890÷2220	1800 [mm]	
			2230÷2700	2100 [mm]	
	With a drive unit	MOTO	L_S + 300 [mm] (L_S = 2900 [mm])		
		METRO	L_S + 410 [mm]		

Required garage depth.

General installation parameters for the Connect doors

		Installation in the opening	Installation behind the opening
N_{min}	manual	0 [mm]	60 [mm]
	automatic	0 [mm]	60 [mm]
W_1 and W_2		0 [mm]	100 [mm]

Installation parameters for the Connect up and over doors.

For dimensions outside the following ranges:
- S ≤ 2800 [mm] and H ≤ 2300 [mm] for doors without wickets,
- S ≤ 2700 [mm] and H ≤ 2220 [mm] for doors with wickets.

Required lintel for installation in the opening 60 [mm], behind the opening 120 [mm].

Standard dimensions

Opening frame dimensions (1) S x H [mm]	**Opening dimensions** S_O x H_O [mm]		**Clear passage dimensions** Sj x Hj [mm]
	Installation in the opening	**Installation behind the opening**	
2380 x 1990	2400 x 2000	2280 x 1940	2150 x 1790
2380 x 2090	2400 x 2100	2280 x 2040	2150 x 1890
2380 x 2150	2400 x 2160	2280 x 2100	2150 x 1950
2380 x 2230	2400 x 2240	2280 x 2180	2150 x 2030
2480 x 1990	2500 x 2000	2380 x 1940	2250 x 1790
2480 x 2090	2500 x 2100	2380 x 2040	2250 x 1890
2480 x 2150	2500 x 2160	2380 x 2100	2250 x 1950
2480 x 2195	2500 x 2205	2380 x 2145	2250 x 2000
2480 x 2230	2500 x 2240	2380 x 2180	2250 x 2030
2580 x 1990	2600 x 2000	2480 x 1940	2350 x 1790
2580 x 2090	2600 x 2100	2480 x 2040	2350 x 1890
2580 x 2150	2600 x 2160	2480 x 2100	2350 x 1950
2580 x 2230	2600 x 2240	2480 x 2180	2350 x 2030
2605 x 2195	2625 x 2205	2505 x 2145	2375 x 2000
2730 x 2090	2750 x 2100	2630 x 2040	2500 x 1890
2730 x 2150	2750 x 2160	2630 x 2100	2500 x 1950
2730 x 2230	2750 x 2240	2630 x 2180	2500 x 2030
2980 x 2090	3000 x 2100	2880 x 2040	2750 x 1890
2980 x 2230	3000 x 2240	2880 x 2180	2750 x 2030

Door selection – standard dimensions.

Special dimensions

Opening frame dimensions (1) S x H [mm]	**Opening dimensions** S_O x H_O [mm]		**Clear passage dimensions** Sj x Hj [mm]
	Installation in the opening	**Installation behind the opening**	
S	S_O - 20 [mm]	S_O + 100 [mm]	S - 230 [mm]
H	H_O -10 [mm]	H_O + 50 [mm]	H - 200 [mm]

Door selection – special dimensions.

Perforated area in the CITY doors in [m^2]

Opening frame dimensions (1)	**Pattern 20, Pattern 30**	**Pattern 40**	**Pattern 50**
2380 x 1990	0.11	0.22	0.34
2380 x 2090			0.45
2380 x 2150			0.45
2380 x 2230			0.45
2480 x 1990	0.12	0.24	0.35
2480 x 2090			0.47
2480 x 2150			0.47
2480 x 2195			0.47
2480 x 2230			0.47
2580 x 1990	0.12	0.25	0.37
2580 x 2090			0.50
2580 x 2150			0.50
2580 x 2230			0.50
2605 x 2195	0.12	0.25	0.50
2730 x 2090	0.13	0.26	0.52
2730 x 2150			0.52
2730 x 2230			0.52
2980 x 2090	0.14	0.29	0.57
2980 x 2230			0.57

Perforated area in the CITY doors.

(1) – Ordering dimension

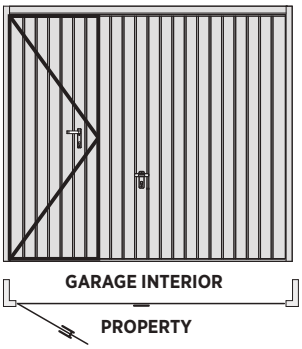
OPTIONAL ACCESSORIES

WICKET DOOR

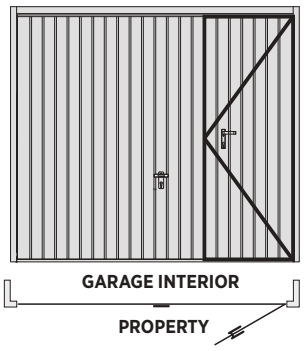
- The wicket door in a garage door up to 2400 [mm] high covers the entire height of the garage door leaf.
- The wicket door in a garage door over 2400 [mm] high has a 1940 [mm] clear wicket passage height.
- Clear passage width 860 [mm].
- Wicket door swing directions and hinge positions are provided in the figures below.
- The wicket door is always an outswing door.
- The wicket door is outfitted with a black handle with a cover plate on both sides and a lock with a lock cylinder (three keys).
- The wicket door option in automatic doors includes a wicket opening sensor (an extra charge for the sensor is added automatically as priced).
- Wicket doors are not available with the 2980x2090 and 2980x2230 dimensions in the Progress garage doors.

Wicket door for the Connect door

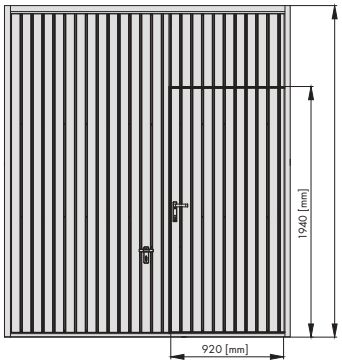
- The wicket door option is available with the Connect V garage doors up to 2400 [mm] high. In the Pattern V garage door with a wicket door, 2 wicket door panels are same width (2 x 435 [mm]).
- For S ≤ 2800 [mm], 5 panels are used (the panel difference between the wicket and the remaining part of the garage door is from 20 to 100 [mm] in standard dimensions and from 5 to 180 [mm] in special dimensions).
- For S > 2800 [mm], 7 panels are used (the panel difference between the wicket and the remaining part of the garage door is up to 80 [mm] in standard dimensions and from 5 to 130 [mm] in special dimensions).
- The wicket door option is available with the Connect H garage doors up to 2400 [mm] high (wicket door along the entire height of the garage door) and in the 2300 ≤ So ≤ 3100 [mm] width range.
- Wicket restrictor – standard.



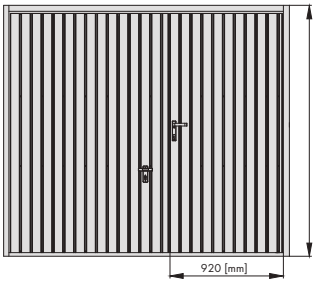
Left wicket door – as seen from the outside.



Right wicket door – as seen from the outside.



For the wicket door in a garage door over 2400 [mm] high, the clear wicket passage height is 1940 [mm].

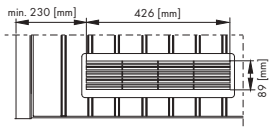


The wicket door in a garage door up to 2400 [mm] high covers the entire height of the garage door leaf.

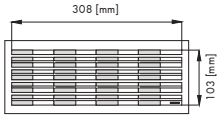
PORTHOLES

Type A-1 – made of double, clear acrylic glass, with rough frame surface. The external frame is available in RAL 7016, RAL 8003, RAL 8011, RAL 8014, RAL 8016, RAL 9005, RAL 9016. The internal frame is always white. External/internal frame made of PVC. External dimensions of the frame 600 x 270 [mm]. Light transmission 86%.

VENTILATION GRILLES



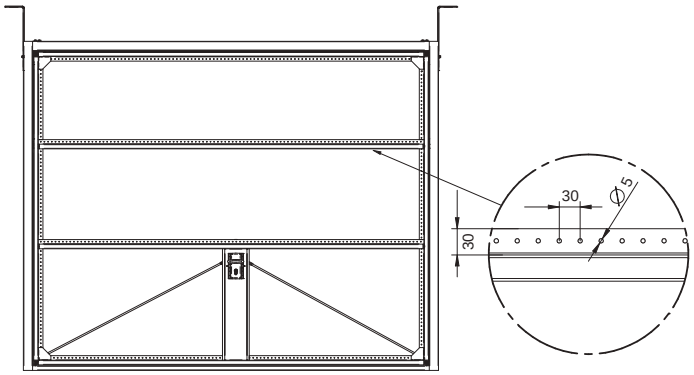
K-1 ventilation grille



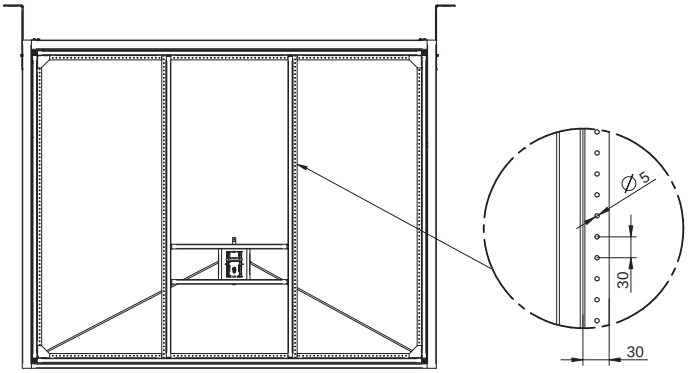
K-3 ventilation grille

GARAGE DOOR FOR A CUSTOM INFILL

Garage door for a custom infill – the structure is based on the Komfort door, available in two options: for a vertical and horizontal infill. The structure is reinforced with special angle bars with perforation, which enables easy installation of the infill to the door leaf.
Maximum infill weight: 10 kg/m². Maximum infill thickness: 26 mm



Komfort door for a vertical infill.

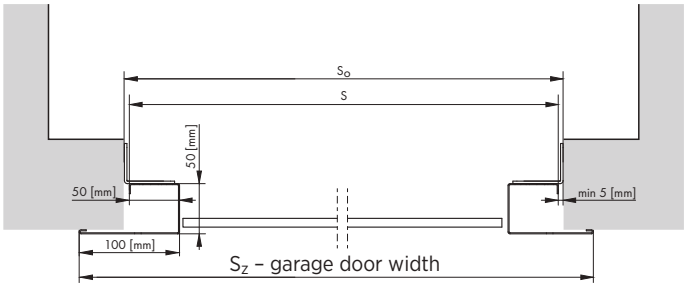


Komfort door for a horizontal infill.

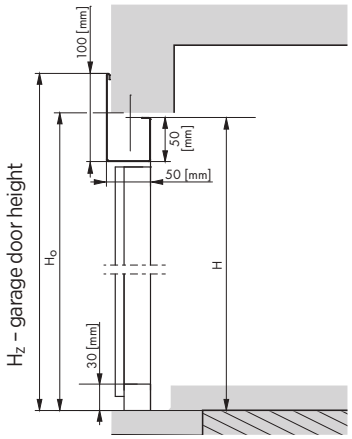
RENOVATION FRAME

The renovation frame is a solution that provides flexibility for installation and is visually attractive. This option makes it possible to adapt the opening frame with fixed dimensions to a range of widths and heights of the opening (see table below). The renovation frame is available in colours matching the garage door colour as standard (for Golden Oak and Walnut – RAL 8003 and RAL 8011, respectively). Solution available only in standard dimensions (except for width S = 2980 [mm]), for the Komfort, Select, and Connect doors without a wicket door only when installed in the opening.

Installation in the opening



Installation in the opening (horizontal cross-section) of the door with a renovation frame.



Installation in the opening (vertical cross-section) of the door with a renovation frame.

Dimensional ranges of the installation opening for the renovation frame option.

Opening frame dimensions (1), S x H [mm]	Dimensions of the garage door with a renovation frame		Opening width range enabling garage door installation		Opening height range enabling garage door installation		Clear passage dimensions	
S x H	S_z	H_z	$S_{o\ min}$	$S_{o\ max}$	$H_{o\ min}$	$H_{o\ max}$	Sj	Hj
2380 x 1990	2480	2040	2390	2615	1995	2015	2170	1805
2380 x 2090	2480	2140	2390	2615	2095	2115	2170	1905
2380 x 2150	2480	2200	2390	2615	2155	2175	2170	1965
2380 x 2230	2480	2280	2390	2615	2235	2255	2170	2045
2480 x 1990	2580	2040	2490	2530	1995	2015	2270	1805
2480 x 2090	2580	2140	2490	2530	2095	2115	2270	1905
2480 x 2150	2580	2200	2490	2530	2155	2175	2270	1965
2480 x 2195	2580	2245	2490	2530	2200	2220	2270	2010
2480 x 2230	2580	2280	2490	2530	2235	2255	2270	2045
2580 x 1990	2680	2040	2590	2630	1995	2015	2370	1805
2580 x 2090	2680	2140	2590	2630	2095	2115	2370	1905
2580 x 2150	2680	2200	2590	2630	2155	2175	2370	1965
2580 x 2230	2680	2280	2590	2630	2235	2255	2370	2045
2605 x 2195	2705	2245	2615	2655	2200	2220	2395	2010
2730 x 2090	2830	2140	2740	2780	2095	2115	2520	1905
2730 x 2150	2830	2200	2740	2780	2155	2175	2520	1965
2730 x 2230	2830	2280	2740	2780	2235	2255	2520	2045
2980 x 2090	–	–	–	–	–	–	–	–
2980 x 2230	–	–	–	–	–	–	–	–

(1) – Ordering dimension

EXAMPLE UP AND OVER DOOR MODELS

Glazing in an A/H horizontal orientation over the wicket.

Glazing in an A/V vertical orientation in a garage door with a wicket.

Glazing in an A/H horizontal orientation in a garage door without a wicket.

Glazing in an A/V vertical orientation in a garage door without a wicket.

Glazing in an A/H horizontal orientation in a garage door with a wicket.

Up and over door with the K-1 ventilation grille and glazing in an A/H horizontal orientation in a garage door with a wicket.

Up and over door with the K-1 ventilation grille.

For the wicket door in a garage door over 2400 [mm] high (the clear wicket passage height is 1940 [mm]).

The wicket door in a garage door up to 2400 [mm] high (covers the entire height of the garage door leaf).

The Connect H up and over door with decorative motifs.

The Connect V up and over door with decorative motifs.

AUTOMATIC OPERATING UNIT KITS

The MOTO RTS and METRO RTS series drive units are dedicated for garage doors and ensure full functionality and overload protection as standard.

DRIVE UNIT TYPE		MOTO RTS	METRO RTS
Technical data	Power supply / Motor	230V, 50Hz / 24V DC	230V, 50Hz / 24V DC
	Force	600N and 750N	800N and 1000N
	Efficiency	30%	30%
	Single-piece track	yes – steel	yes – steel
	Transmission	chain or belt*	chain or belt*
	Speed	14 cm/s	3.5 ÷ 18 cm/s – adjustable
	Central control unit	integrated	integrated
	Radio receiver	Somfy RTS, integrated - 433.42 MHz RTS	Somfy RTS, integrated - 433.42 MHz RTS
	Radio receiver storage:	32 transmitters	32 transmitters
	Auto selection of operating parameters	yes	yes
	Limit switches	encoder + mechanical bumper	encoder + mechanical bumper
	Emergency uncoupling	yes	yes
	Application	sectional / up and over	sectional / up and over
	Operating conditions	-20°C /+60°C – in a dry room	-20°C /+60°C – in a dry room
	Wicket door opening sensor	no	yes
	Dynamic shutting (up and over doors)	no	no
	Rotating automatic operating unit head	yes	yes
	Warranty	3 years	5 years
Functionality	Obstacle detection	yes	yes
	Obstacle detection adjustment	4 adjustment levels	4 adjustment levels
	Action following obstacle detection	stop or open fully	open partially or open fully
	Automatic closing	no	yes /from 10 ÷ 120 s/
	Release in end position	yes	yes
	Independent exterior lighting	no	yes / 230V, 500W
	Exterior lighting control	no	yes
	Auxiliary warning light	yes / 24V, 15W	yes / 24V, 15W
	Delayed drive unit light switch off	yes / fixed – 30 s	yes / adjustable 1 ÷ 60 minutes
	Display	no	yes / LCD
	Partial opening of the door – slightly open	no	yes / adjustable
	Cycle counter	no	yes
	Recent fault logging	no	yes
	Smart home	no	yes*, io-homecontrol technology
Track	One-piece, length 2900	chain or belt*	chain or belt*
	One-piece, length 3500	chain or belt*	chain or belt*
	Two-piece, length 4500	belt	belt

* at an extra charge

OPTIONAL ACCESSORIES

DIGIPAD RTS CODE KEYPAD BY SOMFY

The two-channel code keypad makes it possible to control both drive units and radio receivers. The keypad is a wireless device which does not require any cables.

io CODE KEYPAD BY SOMFY

Makes it possible to control the io radio drives and can support up to two devices. The keypad is a flush-mounted wireless device and no cables are required for installation.

RTS WALL-MOUNTED TRANSMITTER BY SOMFY

The two-channel transmitter lets you control both your drive units and radio receivers. The wall-mounted transmitter is a wireless device which does not require any cables.

EXTERNAL RADIO RECEIVER BY SOMFY

Makes it possible to control the drive units of other manufacturers using the Pulsar transmitter. It is a two-channel device which makes it possible to program as many as 32 transmitters.

MECHANICAL CARRIAGE LOCK

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

SIGNAL LIGHT

Supports the METRO drive unit. Warning function. Orange blinking light indicates that the door is operating.

BACKUP POWER SUPPLY BATTERY

When connected to the METRO or MOTO drive, it provides power for several cycles of emergency operation.

EXTERNAL CODE KEYPAD

The single-channel device can be used to control the garage door with a code. For outdoor installation, requires cabling.

PHOTOCELLS

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

EXAMPLES OF READY PRODUCTS

up and over garage doors | white

Connect up and over door | anthracite

TECHNICAL DATA

	Novum, Progress, Komfort, Select, City, Connect
Leaf	Galvanized steel sheet coated with polyester paint
Structure	Opening frame and leaf frame made of galvanized steel box sections
Optional accessories	Wicket door, thermal insulation, three-point leaf bolting, ventilation grilles, portholes, opening frame in garage door colour, brush seals, decorative motifs (Connect), anti-burglary lock cylinder
Maximum width / height of the door [mm]	4000 / 2700
Available patterns	horizontal low, vertical low, horizontal high, horizontal low, horizontal high with a strip, vertical high with a strip, perforated (City garage doors), Connect H and V pattern, slanted (herringbone)
Available colours:	other RAL, special colours, including wood imitating colours

CONTROL THE GARAGE DOOR WITH YOUR SMARTPHONE!

The SmartCONNECTED technology brings WISNIOWSKI automatic sectional garage doors to the next level of product development, tailoring them to the requirements of increasingly demanding customers. On the one hand, it makes it possible to control the devices with a smartphone, and on the other, it gives the users full control and lets them stay in touch with their home from any place in the world.
io-homecontrol® makes it possible to wirelessly connect the Metro SMART io drive unit to the smart home system controlled by one of the Somfy central control units: TaHoma® Premium or Connexoon with the Connexoon Access application. Building a comprehensive smart home provides a number of benefits and additional features that enhance your comfort every single day.

smart CONNECTED

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