

# SILVELOX

## WORLDWIDE PREVIEW

GARAGE DOOR

# OVERLAP

TRACKLESS SECTIONAL DOOR.

More space to your space.



Freedom to choose among many models.



Security and safety.



A lasting purchase.



1961 **50** anniversary 2011

# OVERLAP

GARAGE DOOR  
TRACKLESS SECTIONAL DOOR.



### How Overlap works:

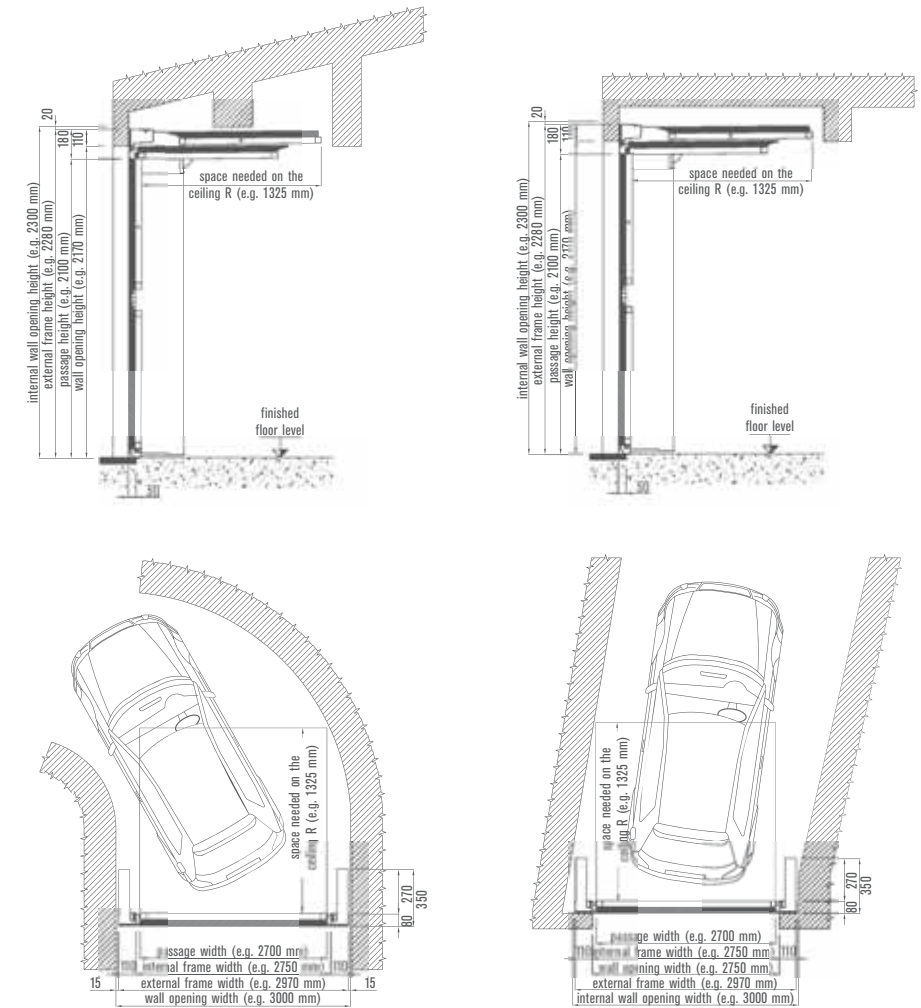
The leaf raises, folds in half, turns to the ceiling, it splits into two parts and the lower part runs under the upper one.

# MORE SPACE TO YOUR SPACE

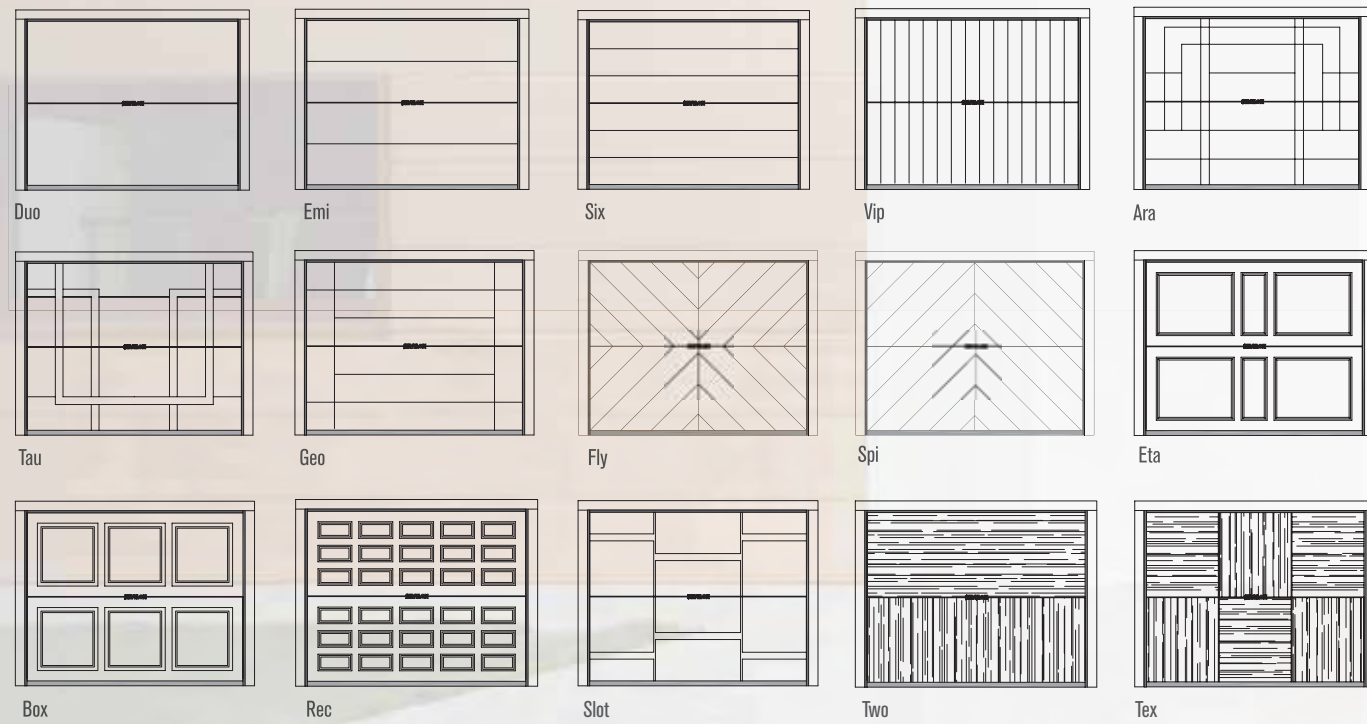
Overlap has an opening mechanism that allows maximum use of the garage room and maximum passage opening, both in height and in length. With open door, the passage height is reduced just by 180 mm. The exclusive automation system supplied as standard is in the upper bar of the perimetric door frame and does not need unsightly sliding bars and rails on the ceiling. Overlap allows to park the car immediately close to the door, both inside and outside, therefore this door is the perfect solution for garages that are not very deep or that are really close to the street. Overlap always has the same mechanism, independently from the building type of the garage where it's located. In projects with structural encumbrances such as internal beams, vault ceiling and entrances with sharp bend, this can be the only door type that can be installed, or in any case the one which allows the maximum use of the opening passage.

International Patent Pending - US Patent pending 13/355,785

Garage types with peculiar building solutions where Overlap is the perfect product.



# FREEDOM TO CHOOSE AMONG MANY MODELS



TEX model in brushed larch natural

Overlap is available in a wide range of models, from the traditional with staves to the researched combinations of lines and veneering.

It's available in 15 standard RAL colours or in all RAL colours as chosen by the customer, lacquered with water-based ecological products or in the different types of noble and precious woods.

For every model there's the chance to insert glass parts, windows and ventilation grills according to the needs of the customer and to the environment where the door is installed (in compliance with the technical features of the door).

In the internal face Overlap has a white lacquered surface and no visible screws and hardware, allowing to keep it clean and graceful as the surrounding environment.

Overlap can be personalised following the customer's needs in the choice of materials, finishes and accessories, in compliance with the technical features of the door.



DUO model lacquered RAL 9006



SLOT model lacquered RAL 7044



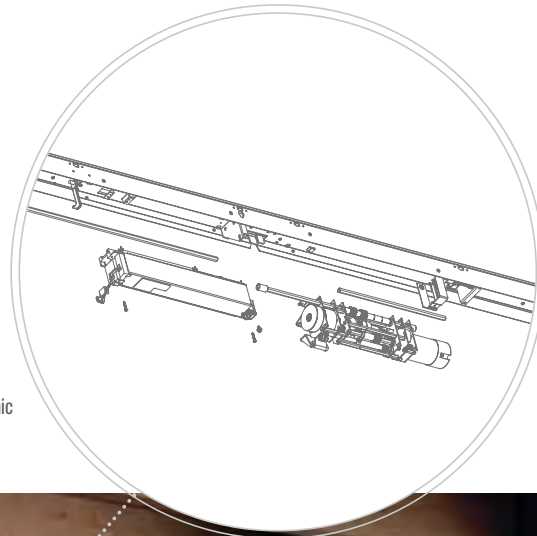
BOX model lacquered RAL 6005

# SECURITY AND SAFETY



OVERLAP

Overlap is supplied as standard with the exclusive Silvelox motorisation, a patented automation with maximum power that suits to all garage doors measures available on the catalogue. Safety is guaranteed by an electronic power control and by the chance to have internal photocells available on request. In case of lack of electricity or problems in the functioning, the automation device disconnects and it's possible to open the door by hand. Overlap guarantees maximum safety standards thanks to the seal for finger protection in EPDM tubular rubber positioned at the junction of the panels, between leaf and frame and between leaf and floor.



Detail of the automation device and of the electronic control unit in the upper bar

Air-proof perimeter seal for finger protection in EPDM tubular rubber



Internal side of the leaf reinforced with a steel tubular frame



Remote control with rolling code



ARA model lacquered RAL 1015

# A LASTING PURCHASE

Overlap has a steel tubular frame and 2 equal sized Multi-ecowood panels with 40 mm thickness.

Multi-ecowood is a material coming from a productive technology capable of making the most of wood and of its renown durability, resistance and environmental care, giving the door a  $U=1,14W/m^2K$  value of thermal insulation.

The mechanism is with balanced counterweights and can be defined as "everlasting" because it does not have parts subject to wear and efforts (in the tests it has exceeded 40.000 opening and closing cycles). For this reason the usual maintenance allows to have a lasting and reliable door, without having to replace tracks or functioning gears.



## WARRANTY

In addition to the 2 year legal warranty, Silvelox protects its customers during the years giving further 8 years of warranty, that all together are:

- 10 years on the metal structure
- 10 years on the duration of waterproof film applied to wood components

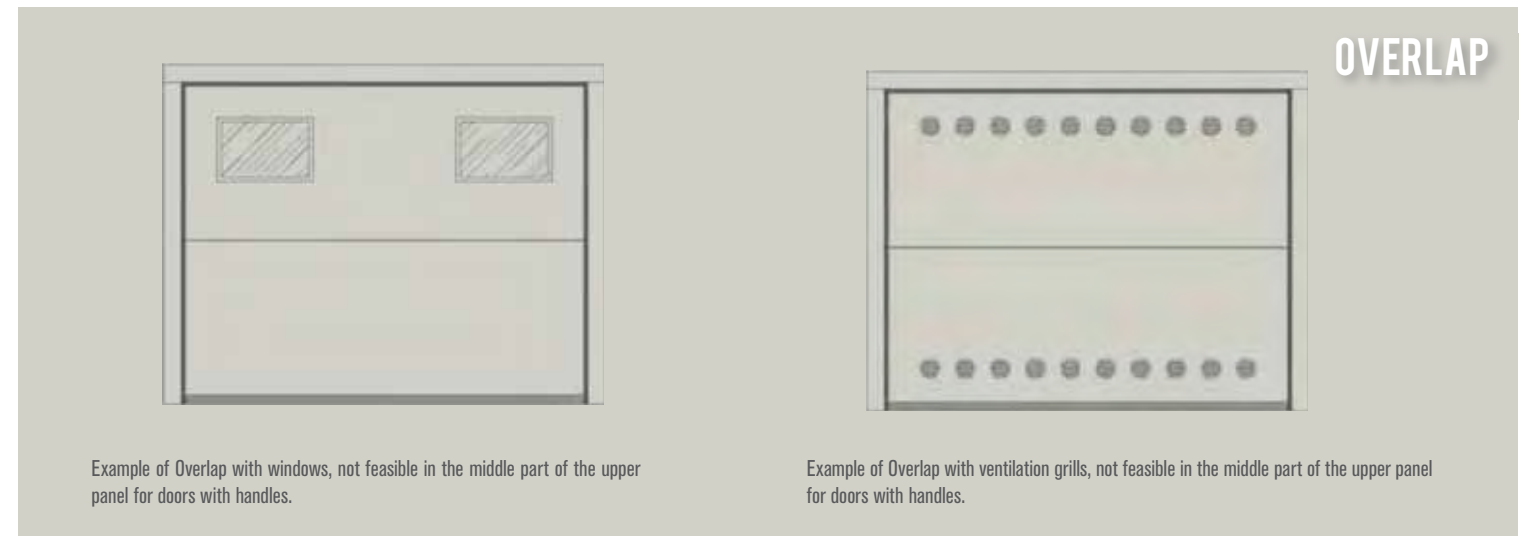
According to Silvelox sales terms and to the Use and Maintenance manual.

Overlap has been designed in order to optimize installation and to guarantee a simple fitting also in garages with particular building typologies.



## Thermal insulation down to $U=1,14W/m^2K$





OVERLAP

Example of Overlap with windows, not feasible in the middle part of the upper panel for doors with handles.

Example of Overlap with ventilation grills, not feasible in the middle part of the upper panel for doors with handles.

**Woods and finishes.**

Overlap has Multi-ecowood panels in a wide choice of woods and finishes combining the properties of wood with the door esthetical decorative appearance, following the most personal tastes and enhancing the different architectural styles.

Woods are proposed with different finishes, using a special water based varnish with satin finish that allows the maintenance of the peculiar characteristics of every wood for a long lasting product. There are two types of "treatment": impregnation with transparent varnish and covering lacquers.

**Glasses.**

Overlap is also available in glazed version, with windows that bring light into the garage and lighten the door visual impact.

Overlap windows are in polycarbonate, a light and resistant material available with finish embossed bronze and, on demand, embossed clear or flat transparent.

**Impregnated**

**Lacquered RAL**

	MULTI-ECOWOOD	KNOT-FREE/NORTHERN SPRUCE	OAK
102.1 Honey colour			
102.2 Oak colour			
102.4 Douglas colour			
102.4 Cherry colour			
102.5 Mahogany colour			
102.6 Walnut colour			
	TEAK with pigmented varnish.	LARCH impregnated std.	

1015 Light ivory		9010 Pure white	
7035 Light grey		9002 Grey white	
7040 Window grey		9006 White aluminium	
7044 Silk grey		7030 Stone grey	
5003 Sapphire blue		6005 Moss green	
3003 Ruby red		6009 Fir green	
7016 Anthracite grey		8016 Mahogany brown	
		8019 Grey brown	



Flat transparent



Embossed clear



Embossed bronze

**Ventilation.**

For garages where it is necessary, it's possible to insert on the Overlap door rectangular or circular ventilation grills.

Please note that the colours shown here are approximate and not binding. Silvelox reserves the right to introduce changes without notice.

# MANUAL VERSION OVERLAP

Internal view of the door with double handle on the outside.



The standard handle finishing is Platinbronze; many other finishes are available on request.



Platinbronze



Platinsilver

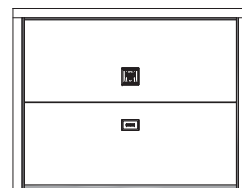


Brass

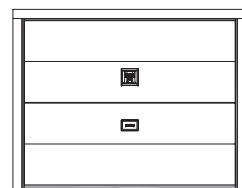


Antique bronze

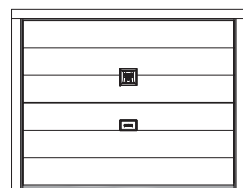
In the manual version there's a double external handle completely embedded into the door leaf.



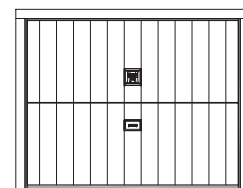
Duo



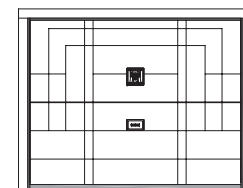
Emi



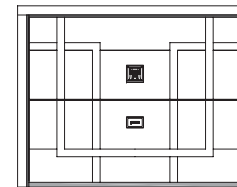
Six



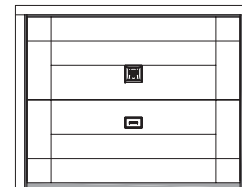
Vip



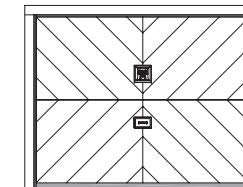
Ara



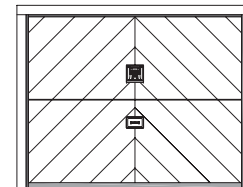
Tau



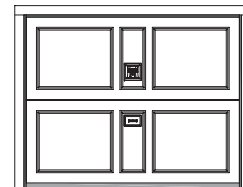
Geo



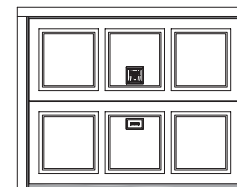
Fly



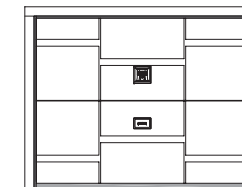
Spi



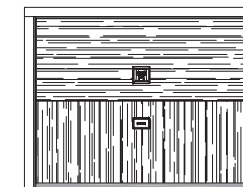
Eta



Box



Slot



Two



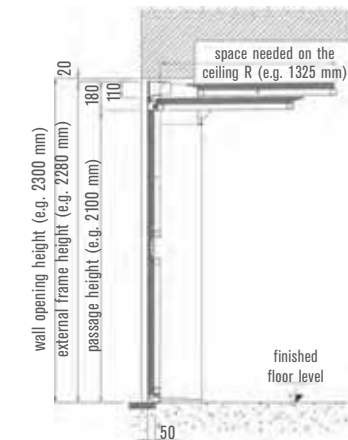
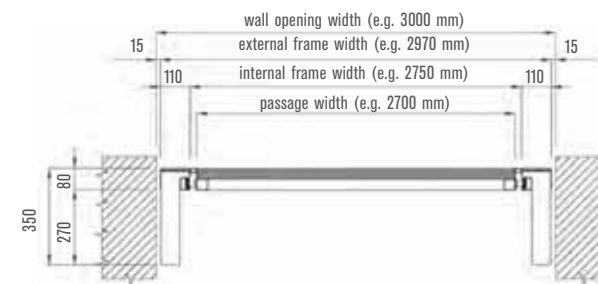
Tex

# OVERLAP TECHNICAL CHARACTERISTICS STANDARD SUPPLY

- Perimeter door frame in steel sheet in anthracite grey colour coated with an EPDM rubber film.
- Leaf composed by 2 equal sized Multi-ecowood panels with 40 mm thickness, arranged in a horizontal position and combined together mechanically. Internal side of the leaf reinforced with a steel tubular frame.
- SILVELOX logo carved on the door's surface.
- EPDM lower tubular rubber gasket with drip profile.
- Lateral counterweighted system without rails on the ceiling.
- Air-proof perimeter seal for finger protection in EPDM tubular rubber attached to door leaf base (width 25 mm).

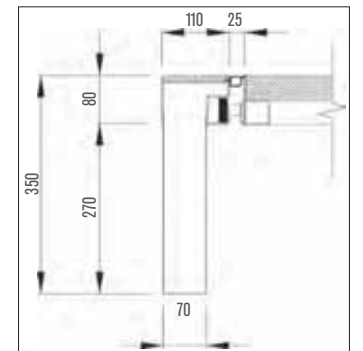
- External surface varnished or lacquered with water based ecological products.
- White lacquered internal surface.
- No external protrusion from the external frame line.
- Passage height reduced by 180 mm as to the external frame height.
- Thermal insulation U=1.14 W/m²K.
- Excellent water/air/wind resistance and soundproofing performances.
- Combimatic Silvelox motorization installed in the upper frame bar supplied as standard with a two channel receiver and a two channel remote control (garage doors installed in garages with no additional access need to have a double handle, available as accessory).
- International Patent Pending PCT. US Patent Pending n°13/355,785.

## Installation types Frame BETWEEN BRICKWORK

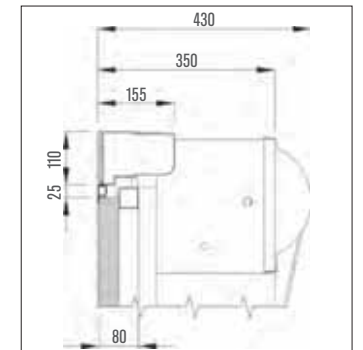


## Perimeter frame dimensions

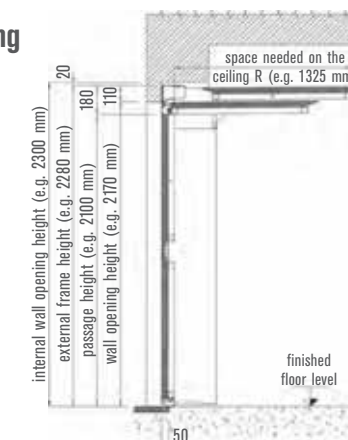
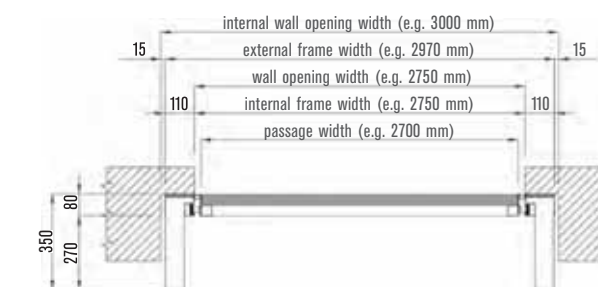
Horizontal section



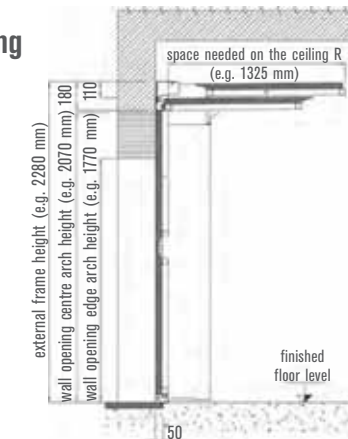
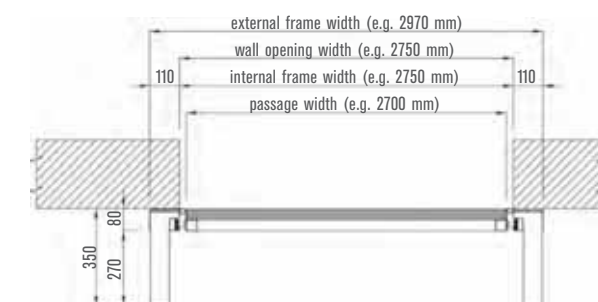
Vertical section



## Frame BEHIND BRICKWORK with recessed opening



## Frame BEHIND BRICKWORK in arched wall opening



# TECHNICAL CHARACTERISTICS OVERLAP

Size table

PASSAGE HEIGHT	EXTERNAL FRAME HEIGHT (ORDERING SIZE)																															
	2800	2980																														
2750	2930																															
2700	2880																															
2650	2830																															
2600	2780																															
2550	2730																															
2500	2680																															
2450	2630																															
2400	2580																															
2350	2530																															
2300	2480																															
2250	2430																															
2200	2380																															
2150	2330																															
2100	2280																															
2050	2230																															
2000	2180																															
1950	2130																															
1900	2080																															
1850	2030																															
1800	1980																															

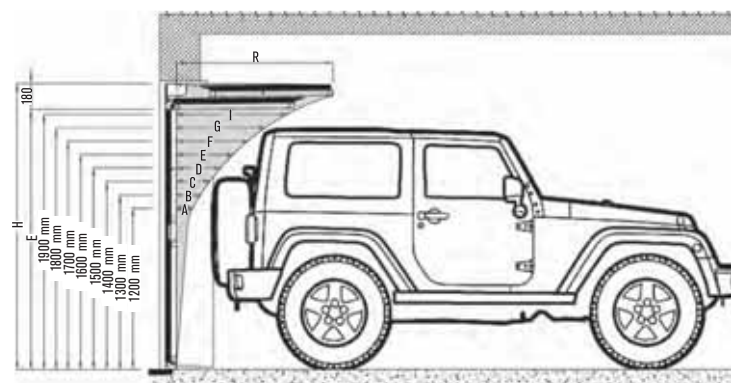
  

EXTERNAL FRAME WIDTH (ORDERING SIZE)																															
2020	2070	2120	2170	2220	2270	2320	2370	2420	2470	2520	2570	2620	2670	2720	2770	2820	2870	2920	2970	3020	3070	3120	3170	3220	3270						

PASSAGE WIDTH																															
1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000						

Trajectory and dimensions



H	A H 1200	B H 1300	C H 1400	D H 1500	E H 1600	F H 1700	G H 1800	I H 1900	R	E
1980	144	228	316	408	510	644	786	996	1175	1800
2030	136	212	294	382	480	606	744	939	1200	1850
2080	128	196	272	356	450	568	702	882	1225	1900
2130	120	180	250	330	420	530	660	825	1250	1950
2180	112	164	228	304	390	492	618	768	1275	2000
2230	104	148	206	278	360	454	576	711	1300	2050
2280	96	132	184	252	330	416	534	654	1325	2100
2330	88	116	162	226	300	378	492	597	1350	2150
2380	80	100	140	200	270	340	450	540	1375	2200
2430	72	84	118	174	240	302	408	483	1400	2250
2480	64	68	96	148	210	264	366	426	1425	2300
2530	52	52	74	122	180	226	324	369	1450	2350
2580	36	36	52	96	150	188	282	312	1475	2400
2630	20	20	30	70	120	150	240	255	1500	2450
2680	20	20	20	44	90	112	198	198	1525	2500
2730	20	20	20	20	60	74	156	141	1550	2550
2780	20	20	20	20	30	36	114	84	1575	2600
2830	20	20	20	20	20	20	72	30	1600	2650
2880	20	20	20	20	20	20	20	20	1625	2700
2930	20	20	20	20	20	20	20	20	1650	2750
2980	20	20	20	20	20	20	20	20	1675	2800

Size table

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1950	2130																															
1900	2080																															
1850	2030																															
1800	1980																															

EXTERNAL FRAME WIDTH (ORDERING SIZE)																																							
3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4750	4800	4850	4900	4950	5000

PASSAGE WIDTH																																							
3320	3370	3420	3470	3520	3570	3620	3670	3720	3770	3820	3870	3920	3970	4020	4070	4120	4170	4220	4270	4320	4370	4420	4470	4520	4570	4620	4670	4720	4770	4820	4870	4920	4970	5020	5070	5120	5170	5220	5270

A grid of 15 small diagrams illustrating different garage door styles and panel configurations. Each style is labeled: Duo, Emi, Six, Vip, Ara, Tau, Geo, Fly, Spi, Eta, Box, Rec, Slot, Two, and Tex. The diagrams show various patterns of panels, including horizontal, vertical, diagonal, and grid-like structures.

A second grid of 15 small diagrams illustrating different garage door styles and panel configurations, identical to the first grid. Each style is labeled: Duo, Emi, Six, Vip, Ara, Tau, Geo, Fly, Spi, Eta, Box, Rec, Slot, Two, and Tex.

Drawings referred to door with width 2920 x height 2380 mm. Other dimensions entail proportional changes.

Drawings referred to door with width 5270 x height 2380 mm with central panel 1000 mm wide. Other dimensions entail proportional changes.