AS
ALUDOORS SYSTEMS
INTERNATIONAL

RESIDENTIAL SECTIONAL DOORS

AluDoors Systems International

RSD01

TENSION SPRING MECHANISM

During development of RSD01 doors, all experience in production of Sectional doors have been applied. Most reliable mechanisms and only proven components are used in their construction. RSD01 doors differ from other doors by smoother operation, more rigid design and higher durability.

INSTALLATION RE QUIREMENTS

Opening width – from 2000 to 3500 mm	
Opening height – from 1800 to 2840 mm	
Minimum headroom without operator – 85 mm	
Minimum headroom with operator – 125 mm	
Minimum side space – 85 mm	

RSD02

TORSION SPRING MECHANISM

RSD02 sectional doors are designed for larger openings with greater lintel height (distance from the top of the opening to the ceiling) and higher intensity use. These sectional doors are balanced by torsion springs which are adapted to heavier loads.

RSD02 Hybrid – Lintel 150 mm, maximal door height 2840 mm /

RSD02 Standard – Lintel 230 mm, maximal door height 3080 mm /

INSTALLATION RE QUIREMENTS
Opening width – from 1500 mm to 6000 mm
Minimum side space – 100 mm
Minimum headroom without operator – 150 mm
Minimum headroom with operator – 150 mm
Spring break safety mechanism.

INSTALLATION RE QUIREMENTS
Opening width – from 1500 mm to 8000 mm
Minimum side space – 100 mm
Minimum headroom without operator – 230 mm
Minimum headroom with operator – 230 mm
Spring break safety mechanism.

PANORAMIC SECTIONAL DOOR

AluDoors Systems International

GLAZING

Glazed panels are made of special aluminum profiles, that provide the same stability as the standard steel and polyurethane door panels, and can be easily combined with standard panels. We offer doors with standard glazing, full glazing and combined glazing. Glazed panels can be used for RSD01 series, as well as for RSD02 series.

GLAZED PANELS

COMBINED GLAZING

For doors withvertical lifts and width from 4500 to 6000 mm,
the width of glazed division without partition can be up to 900 mm.
Standard glazed doors can be produced with pass doors with
width from 900 to 1200 mm and height from 1100 to 2500 mm.

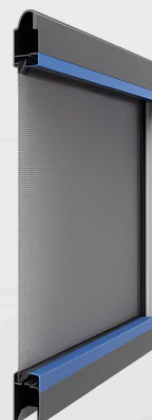### GLAZING TYPES AND DIMENSIONS OF GALZED

SECTIONS Height – from 370 to 750 mm Width – up to
6000 mm

Panoramic panel with double glazing /
plexiglass / polycarbonate

Panoramic panels with single glazing /
polycarbonate

Panoramic panel with aluminum grille /
Hole diameter – 6 mm.

* For a surcharge, you can add:
- milk glass
- scratch resistance
- 20mm sandwich filler

WINDOWS

Diameter 360 mm /

Dimensions 452 x 322 mm /

Stainless steel window (double acrylate)
Dimensions 230 x 230 mm /

Stainless steel window (double acrylate)
Dimensions 310 x 310 mm /

Dimensions 588 x 181 mm /

Dimensions 638 x 338 mm /

AluDoors Systems International

PASS DOORS

Residential sectional doors can be supplied with pass doors to ensure an additional entrance to the building without having to open the entire door. Double sealing system provides the door with great thermal insulation proprieties, retaining warmth in winter and cold in summer.

Pass doors feature: – built-in closer, – opening angle >90, – standard frame colour – silver, – built-in open pass door sensor, – door retainer in open position.

AS
ALUDOORS SYSTEMS
INTERNATIONAL

V4 ST SERIES

PASS DOOR DIMENSIONS

Standard width – 900/1200 mm

Standard height – 1800/1900/2000/2100 mm (depends on the panels height)

Step – 75 mm (wihtout sealing)

Minimum distance between the pass door and the edge
of door leaf – 500 mm

V5 ST SERIES

PASS DOOR DIMENSIONS

Standard width – 900/1200 mm

Standard height – 1800/1900/2000/2100 mm (depends on the panels height)

Step – 25 mm (wihtout sealing)

Minimum distance between the pass door

and the edge of door leaf – 500 mm

SIDE ENTRANCE DOORS

AluDoors Systems International

SIDE ENTRANCE DOORS

Can be designed to match your garage door. Nothing simpler than that.
All in one design.

ALUDOORS SYSTEMS
INTERNATIONAL

SIDE DOORS

SINGLE DOOR LEAF

Production: the doors are produced in standard designs, but also according to individual requirements. Advantages: high structural strength; optimal price-quality ratio; simple and easy installation. Design features: the door leaf is made of sandwich panels, the frames are made of aluminum profiles. Design options: panel surface – Woodgrain, Stucco or Smooth. Panel colors – standard. Frame color – RAL 9010 and 8014. On request, side doors are available in other colors, according to RAL chart.

Sectional door with side entrance door /

DIMENSIONS OF FULL GLAZED PANEL

Opening height from 1500 mm to 2500 mm
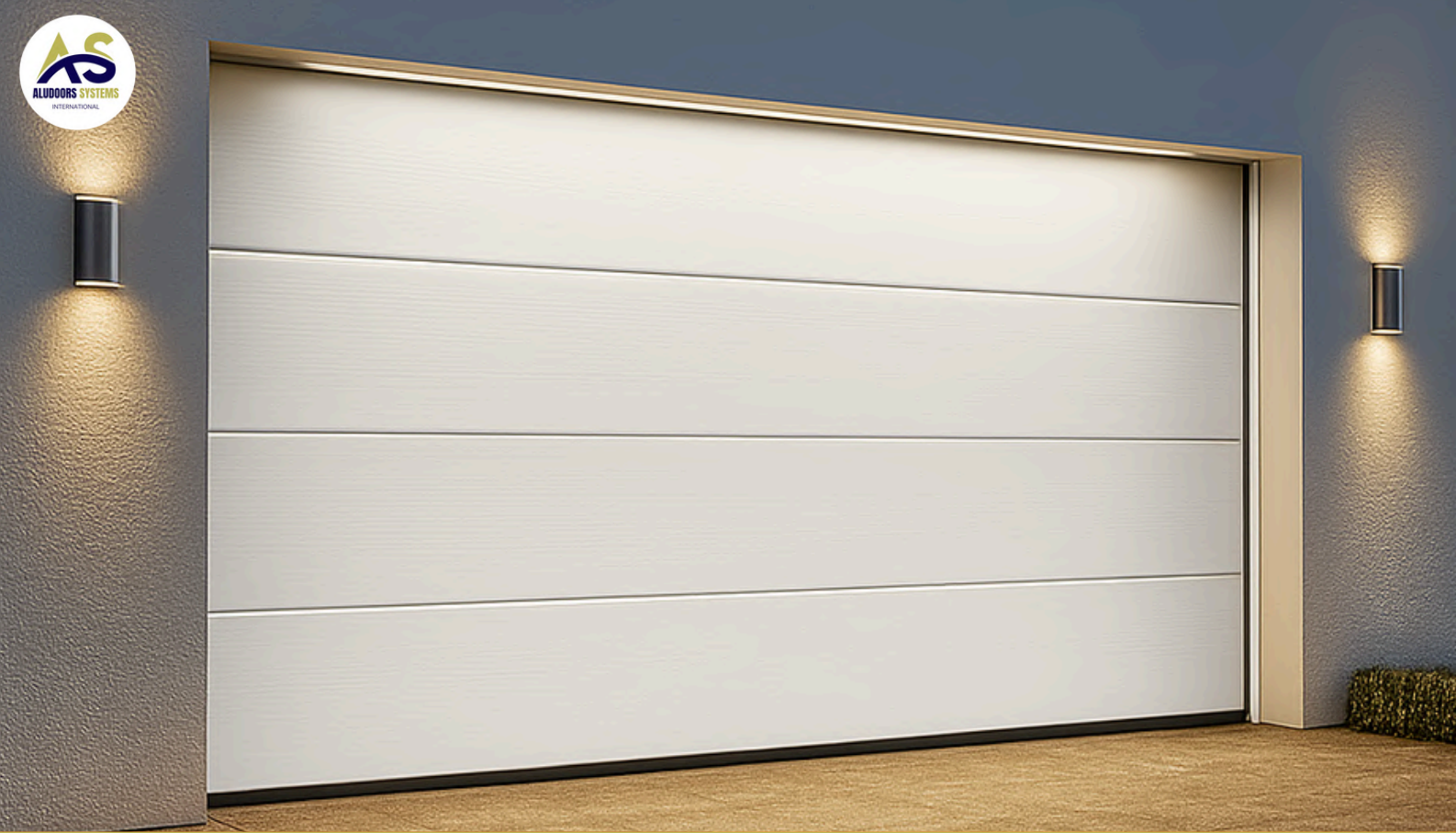
Opening width for single door leaf from 500 mm to 1500 mm

Width for one door leaf from 300 mm to 1300 mm

Door thickness including frame 45 mm

AUTOMATION SYSTEMS AND ACCESSORIES

AluDoors Systems International

OPERATORS

SECTIONAL OPERATORS

Thanks to the ceiling motors, sectional garage doors can be opened and closed by pushing a single button on the remote control. Motors are equipped with built-in LED lighting (including the remote control function of outdoor lighting) and humidity sensor, which provides automatic air ventilation inside the garage.

MODEL	DIY-800KIT*	SECTIONAL-800	SECTIONAL-1000	SECTIONAL-1200
Maximum power consumption (W)	150	150	150	300
Torque (N)	800	800	1 000	1 200
Door speed (m/s)	0,1	0,1	0,1–0,18	0,1
Maximum door area (m2)	11	11	13	16
Maximum opening height (mm)	2 600	2 800	2 800	3 800
Intensity (%)	50	50	50	50
Temperature range (°C)	od -20 do +55	od -20 do +55	od -20 do +55	od -20 do +55
Degree of protection	IP20	IP20	IP20	IP20

* DIY-800KITCE includes one rail with belt PK-3300-3P and two remote controls.

All motors can be equipped with any rails.

ACCESSORIES

REMOTE CONTROLS, PHOTOCELLS, EXTERNAL RECEIVERS

Remotecontrols, photocells,external receivers, keyboards andother automation accessories, allow a convenient and a safe door operation. All control devices are optimized to connect with automation systems, but they can also be combined with devices from other manufacturers. Remote controls are easy to program, within a few key presses, which saves time and provides a safe and easy operation of all automation systems.

Remote control– Transmitter 4 EX /

Car - Transmitter /

Transmitter 2-PRO /

Command433 /

Photocell-N / Photocells -– transmitter, receiver, up to 40 m

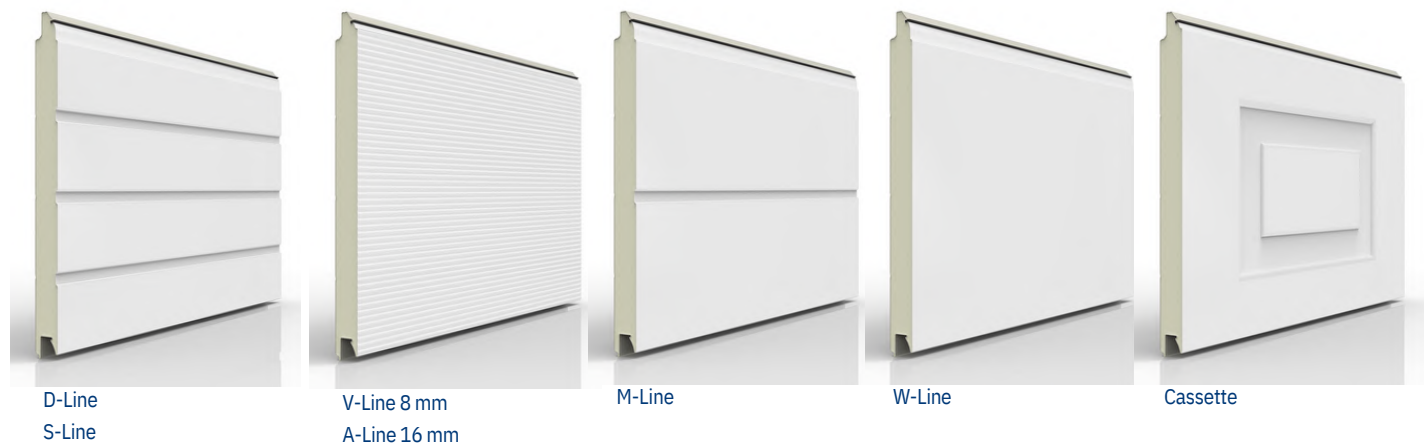LED lamp / Signal LED lamp

Lock Mini /
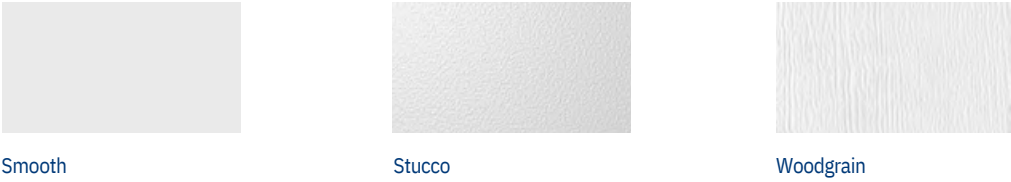
Keypad /

DESIGN OPTIONS AND ACCESSORIES

AluDoors Systems International
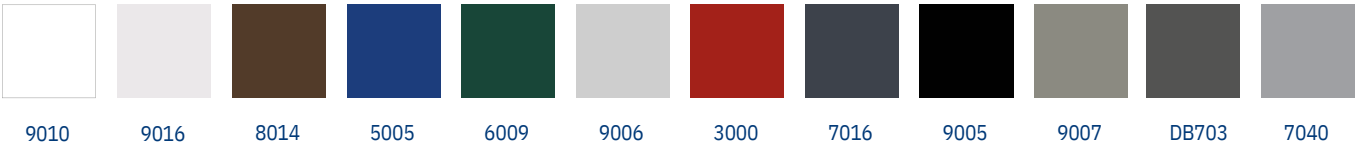
White garage door in villa at Dubai

PANEL TYPES

D-Line
S-Line

V-Line 8 mm
A-Line 16 mm

M-Line

W-Line

Cassette

SURFACE TYPES

Smooth

Stucco

Woodgrain

WOOD IMITATION

Winchester

Golden oak

Dark oak

Mahogany

Oregon

Marbre

STANDARD RAL COLORS

9010   9016   8014   5005   6009   9006   3000   7016   9005   9007   DB703   7040
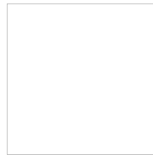
Panels can be painted in any colour from the international RAL Colour Chart.
Colour swatches printed on this page may not accurately display the original colours. Please use the original RAL Colour Chart.

GLAZING TYPES

Panoramic panel
with double glazing.
plexiglass / polycarbonate

Panoramic panels
with single glazing.
polycarbonate

Panoramic panel
with aluminum grille.
Hole diameter – 6 mm.

WINDOWS

Sectional doors can be equipped with polycarbonate windows of various sizes and types. These windows represent an original design solution and door accessory.
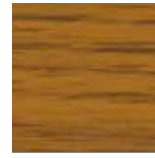
White

Brown

Black

Golden oak

Dark oak

Diameter 360 mm

Dimensions 638 x 338 mm

Dimensions 588 x 181 mm

Dimensions 452 x 322 mm

Stainless steel window (double acrylate)
Dimensions 230x230 mm

Stainless steel window (double acrylate)
Dimensions 310x310 mm

VENTILATION GRILLE

Ventilation grille RDH490

Ventilation grille
with closing possibility 717FN

Ventilation grille
with closing possibility 717FN Black

HANDLES

Sectional doors can be equipped with special handles for manual opening of the doors.

Handle for RSD01 Hybrid,
RSD02 and ISD02

LOCKS

Mechanical locks automatically block the door leaf after closing. Locks for RSD01 series and RSD02 series have a unique design and a robust construction.

Lock for RSD01 Hybrid,
RSD02 and ISD02

ALUDOORS SYSTEMS
INTERNATIONAL