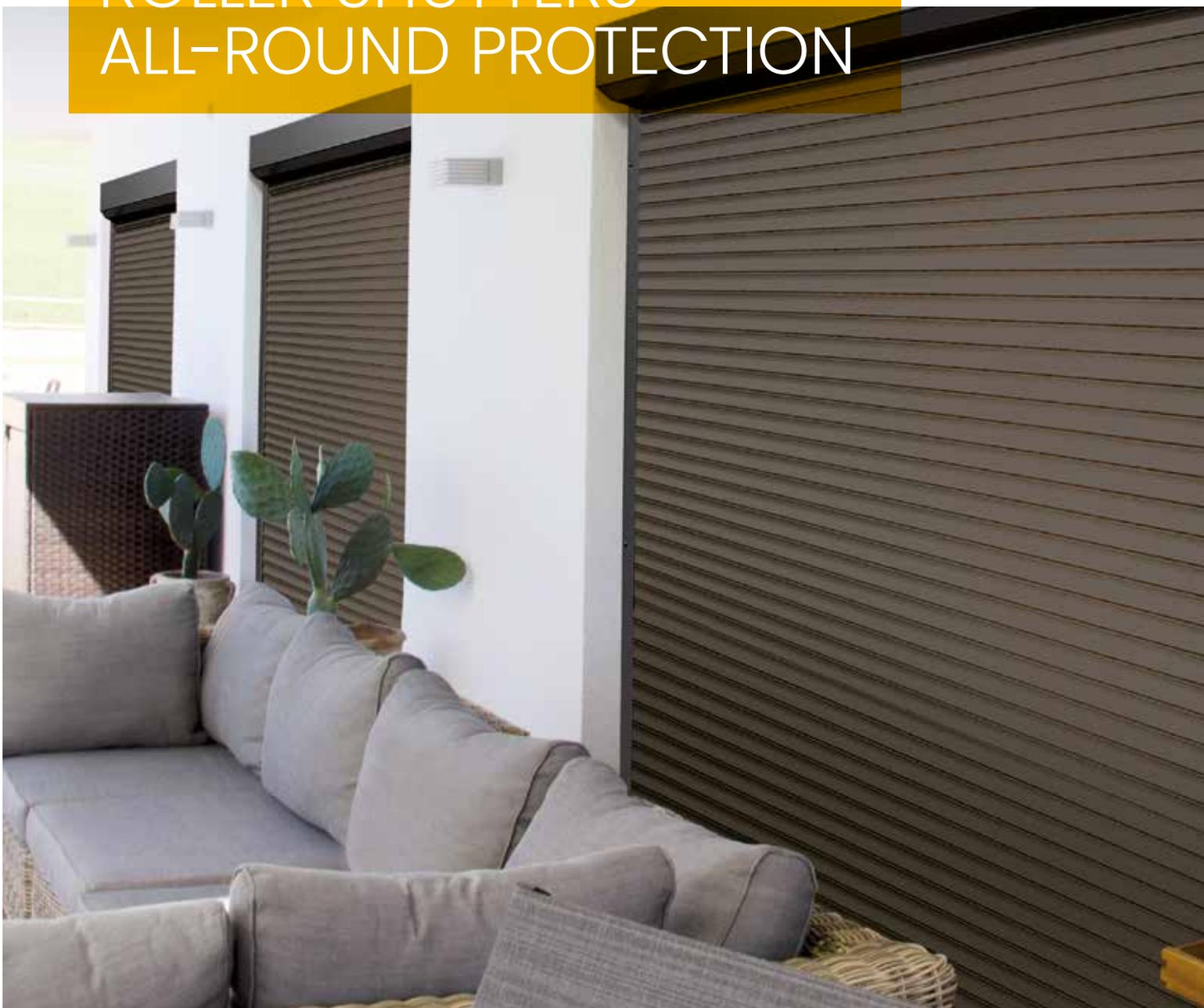


ROLLER SHUTTERS

NOVOSTYLE
VOKA
VOKA-SLOPE
AROS 100

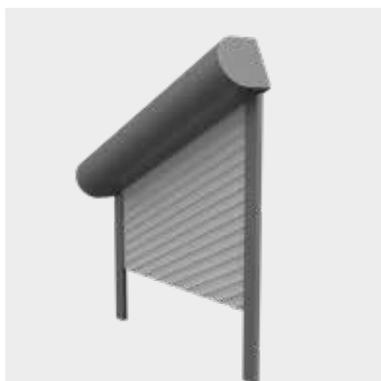


ROLLER SHUTTERS – ALL-ROUND PROTECTION



BUILT-ON ROLLER SHUTTERS

The ideal solution to avoid overheating and save energy and heating costs. Elegant and yet so easy to incorporate, both with new buildings and when retrofitted.



ANGLED ROLLER SHUTTERS

The outside-mounted angled roller shutters are ideal for triangular and sloping windows, and can be combined with all current designs. Suitable for both new buildings and retrofitting.



ROLLER SHUTTERS FOR RECESSES

These models are primarily designed for installation in existing recesses. The unit is mounted via the guide rails.

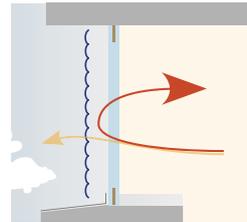


BENEFITS OF A ROLLER SHUTTER

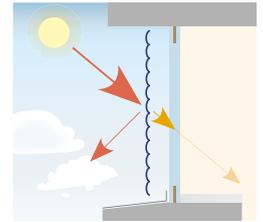
ENERGY EFFICIENCY

On hot summer days, the roller shutter serves as a heat shield, ensuring passive cooling. Comfortable room temperatures can be achieved without expensive climate control units that are bad for the environment.

During the winter heating period, you can open the roller shutters to use solar energy as a heat source by day. At night when the shutters are closed, an air pocket forms between the leaf and the window pane. This air pocket has an insulating effect, and the roller shutter retains the heat in the building interior.



Heat retention in winter



A heat shield in summer

INDIVIDUAL ROLLER SHUTTER DESIGNS

WOUNDWO roller shutters, you can choose between square, round or flush-mounted headbox. Gable or triangular windows? No problem! An additional integrated insect screen is the ideal complement to the roller shutter.

EFFICIENT SHADING

No other sun protection solution offers such efficient shading as **WOUNDWO** roller shutters. Ideal in the bedroom.

PROTECTION FROM HEAT AND COLD

In addition, **WOUNDWO** roller shutters give enhanced insulation around windows and French doors, reducing heat loss and indirectly bringing a saving on heating costs.

SECURITY

One secondary effect that should not be underestimated: closed roller shutters improve break-in resistance, especially at typical weak spots such as windows and French doors.

PROTECTION AGAINST WEATHER AND NOISE

In addition, the roller shutter protects the windows from the effects of the weather and increases their lifespan. It also provides effective sound insulation.

BUILT-ON, SHAFT OR ANGLED ROLLER SHUTTERS

Built-on roller shutters are the commonly used classic in new-builds and refurbishments. But this type of shutter is also used in shafts. In addition, angled roller shutters are always in demand.

OPERATING OPTIONS

When you buy roller shutters from **WOUNDWO**, you can choose from four operating options: belt, cord, crank or motorised operation.

Our comprehensive range of motors offers ultimate ease of use.

Options include electronic motors featuring cutting-edge technologies, such as a direct current motor with soft-start and soft-stop function, or an AIR radio-controlled motor affording seamless integration into your Smart Home system.

Solar-powered motors allow motorisation without an additional power connection.

And the motor with emergency crank handle can also be operated in case of power failure.



Belt



Cord



Crank



230 V Motor



Motor with emergency hand crank



Radio motor



SMART HOME



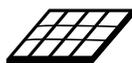
Solar-powered radio motor

HIGHLIGHTS AND ACCESSORIES



SMART HOME

Products from **WOUNDWO** are flexibly compatible with a wide range of Smart Home systems – whether fully automated, via Smartphone or remote control.



SOLAR POWER

If there's no connection for power supply, you can still have the luxury of motorised shading. The solar panel with integrated battery is the perfect add-on to this product design.



THERMAL SEPARATION

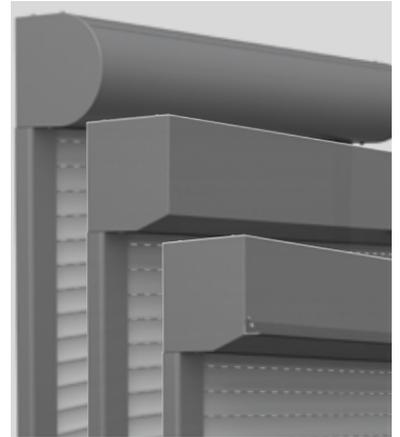
For added thermal insulation, we offer the option of thermal separation of the headbox. The insulating material used blocks off thermal bridges, minimising energy loss.



HEADBOX SHAPES

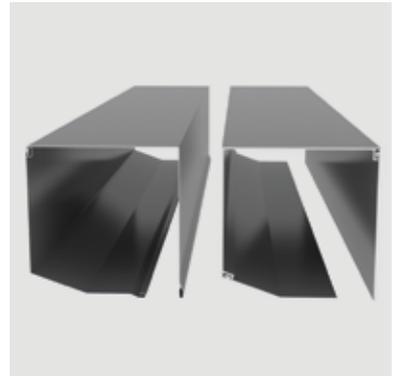
With your choice of headbox shape, you're making a crucial product decision:

- The square-cut headbox can be perfectly integrated into the wall reveal, and works well with a straight-line architecture style.
- The semicircular box is often used as a façade design element because the shape of the box can be used to give your design a specific look and feel.
- The plaster base version is a box that is integrated into the façade, and is all but invisible from the outside.



EXTRUDED OR ROLL-FORMED

An extruded headbox is more robust, because a stronger material is used. It can also be coated with over 200 RAL colours special. Roll-formed headboxes, on the other hand, have a lower material thickness than extruded boxes; these models are available in 6 standard colours.



INTEGRATED INSECT SCREEN

INSECT SCREEN ROLLER BLIND

An insect screen roller blind can be integrated almost invisibly into our roller shutters. In addition, the roller shutter and the insect screen roller blind can be operated independently.

INSECT SCREEN ROTATING FRAME

Whether 1 or 2-leaf, hinged insect protection frames are perfect for all balcony and patio doors. Hinged frames for doors can also be conveniently fitted with an automatic door closer.

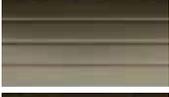
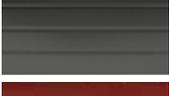


COLOURS AND SLAT CURTAINS

ROLLER SHUTTER CURTAIN

Roller shutters give excellent blackout results when closed, and they offer the possibility of selectively allowing daylight and fresh air into the interior space through small openings in the roller shutter curtain (light slits). The slats of the roller shutter curtain are made of aluminium.

ALUMINIUM CURTAIN

800 Pure white		510 Sand	
500 Naturell		490 Moss green	
900 Grey		600 Bronze	
7,035 Light grey		417 Terra brown	
9,007 Grey aluminium		404 Dark wood (nut)	
DB 703 Metallic grey		402 Light wood (oak)	
3,004 Ruby red		5011 Steel blue	
432 Light ivory		7016 Anthracite grey	

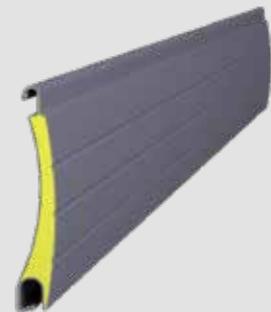
COLOURS

Add a special touch to your façade and choose from 16 slat colours and over 200 RAL colours for guide rails and headboxes.



SLATS

Aluminium slats have the advantage that they can be completely closed even at high temperatures without deformation.



Aluminium slat



NOVOSTYLE



NOVOSTYLE

Protruding roller shutter with right roller technology, with 2-part extruded aluminium headbox.

Max. width: 3000 mm

Max. height: 2500 mm

The NOVOSTYLE built-onroller shutter is the ideal solution for retrofitting, with a harmonious design that will suit every taste. Due to the generous distance from the roller shutter curtain to the window pane the NOVOSTYLE helps you save energy, and is an excellent climate controller. The cushion of air provides good thermal insulation and outstanding soundproofing.

YOUR BENEFITS

- Protection from the summer heat
- Thermal insulation in winter
- Save on energy and heating costs
- Privacy screen for greater privacy
- Aluminium headboxes in classic design
- Integrated insect screen optional
- Remote control and Smart Home possible
- Can be operated by crank
- Solar-powered radio motor
- 16 colours for aluminium armour
- Over 200 RAL colours for the headbox

OPERATION



Crank



230 V Motor



Radio motor



SMART HOME



Solar-powered radio motor



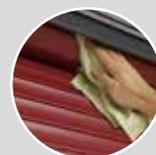
OBSTACLE DETECTION:

When the roller shutter curtain closes, the motor detects that there is an obstacle in the way and switches off automatically.



SAFETY

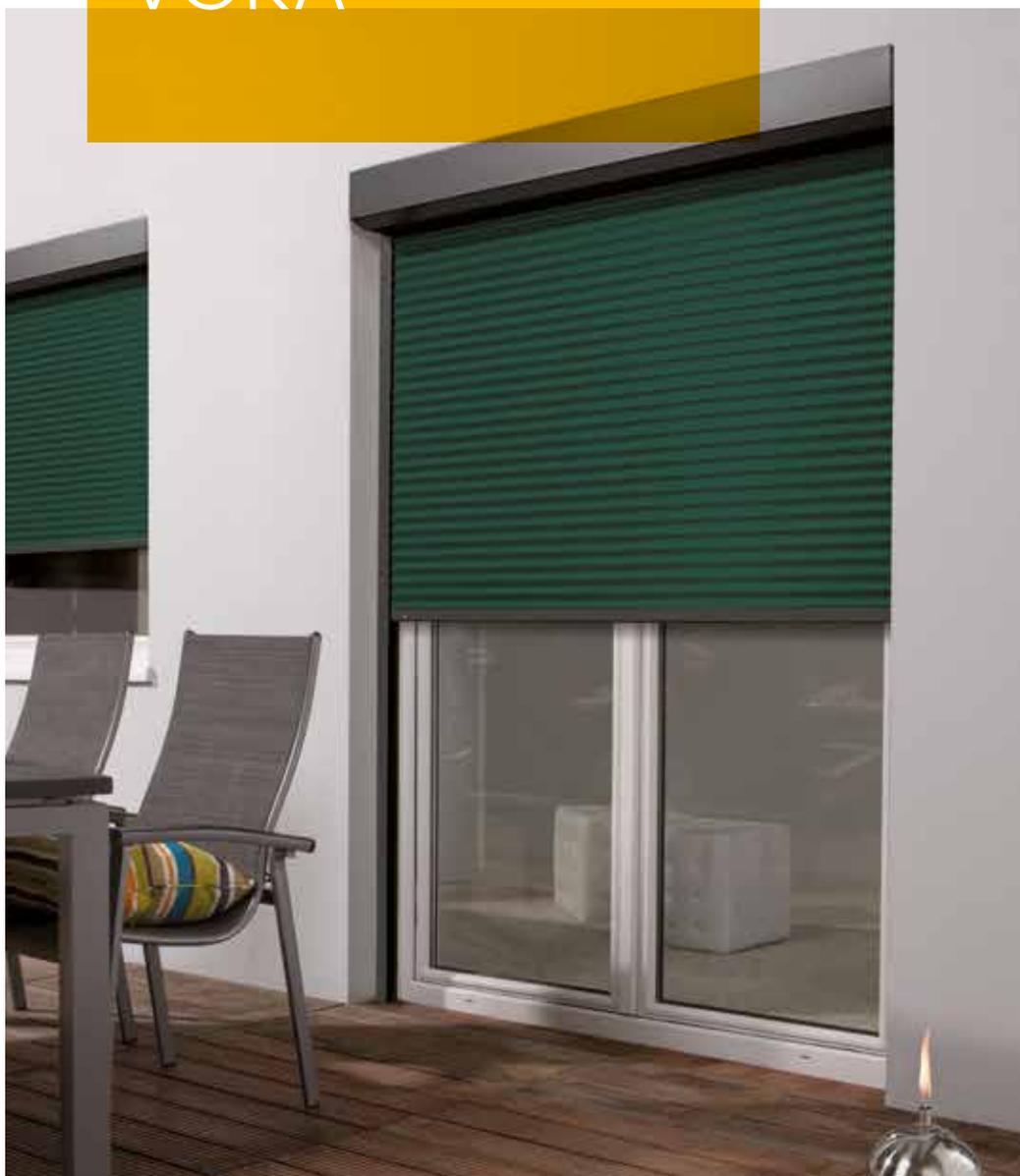
One secondary effect that should not be underestimated: closed roller shutters act as a deterrent to burglars, especially at typical weak spots such as windows and French doors.



CURTAIN CLEANING

In contrast to conventional roller shutters, the curtain rolls up in reverse, using right roller technology. This makes it easy to clean the outside of the curtain from inside.

VOKA



VOKA 120, 220
Protruding, extruded (120) or roll-formed (220) aluminium headbox
Max. width 3800 mm
Max. height 2800 mm



VOKA R100
Protruding, extruded roller shutter with round aluminium box
Max. width 3800 mm
Max. height 2800 mm



VOKA P220, P290
Protruding, roll-formed roller shutter with stop bead
Max. width 3800 mm
Max. height 2800 mm

Due to the varying box geometries and sizes, VOKA series roller shutters adapt perfectly to each building situation and also leave space for you to incorporate your design ideas on the façade. Even in the standard version, the roller shutter will enhance your indoor environment. This impact can be further improved by additional thermal separation or incorporation into a Smart Home system.

YOUR BENEFITS

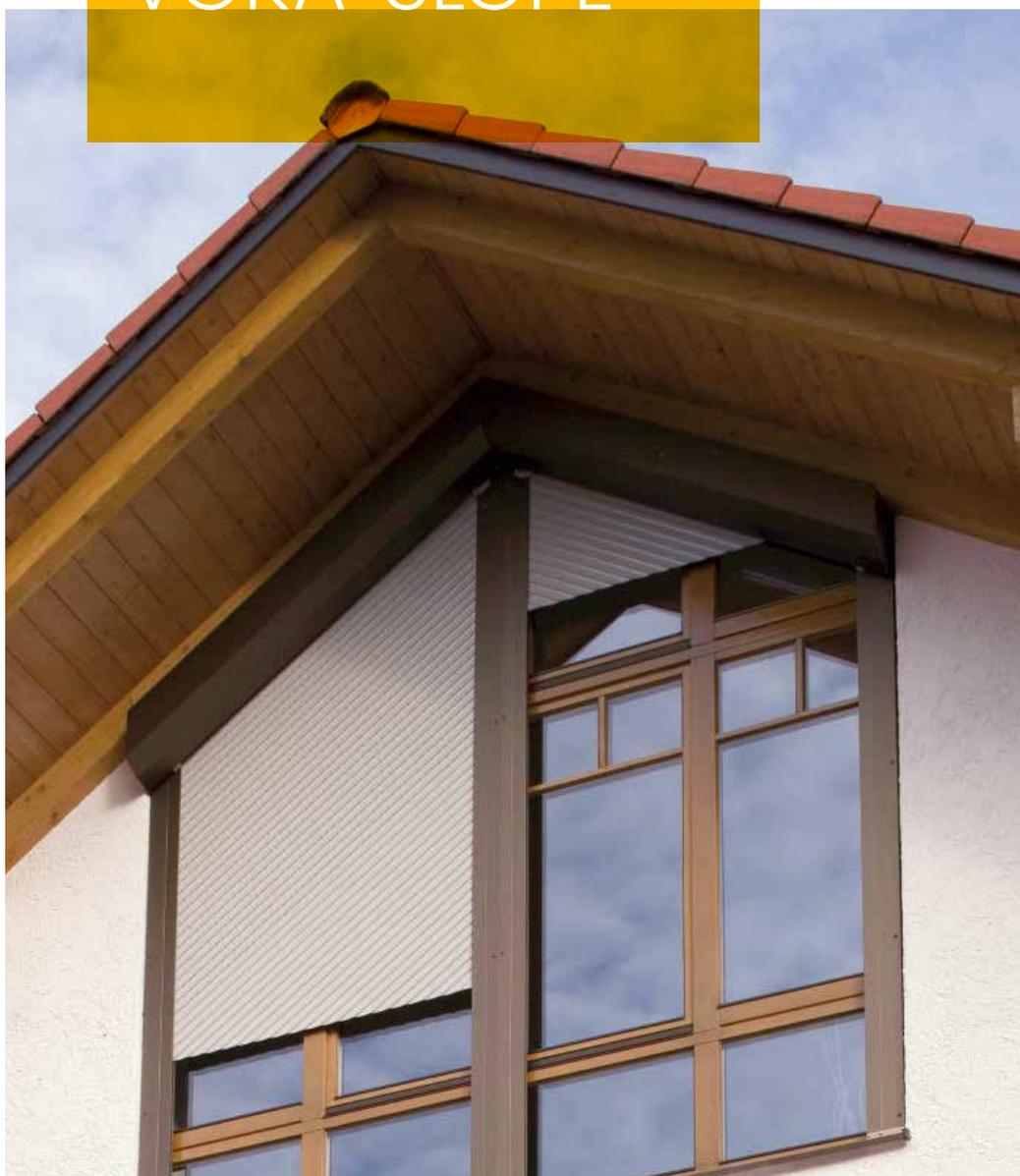
- Protection from the summer heat
- Thermal insulation in winter
- Save on energy and heating costs
- Privacy screen for greater privacy
- Aluminium headboxes round, square or flush-mounted
- Integrated insect screen optional
- Remote control and Smart Home possible
- Can be operated by belt, cord or crank
- Solar-powered radio motor
- 16 colours for aluminium armour
Over 200 RAL colours for the headbox

OPERATION





VOKA-SLOPE



VOKA-SLOPE 120, 120V
Extruded aluminium box
Max. width 2800 mm*
Max. height 3700 mm*



VOKA-SLOPE R100
Extruded round aluminium box
Max. width 2800 mm*
Max. height 3700 mm*



VOKA-SLOPE P120
Plaster base, aluminium box
Max. width 2800 mm*
Max. height 3700 mm*

WOUNDWO offers the ideal roller shutter system for unusual window shapes. The VOKA-SLOPE outsidemounted angledrollershutter is the ideal solution for triangular and angled windows up to 45°. These models are also a perfect visual match when combined with the corresponding roller shutters from the VOKA series.

YOUR BENEFITS

- For triangular and angled windows from 0.5° to 45°
- Save on energy and heating costs
- Privacy screen for greater privacy
- Aluminium headboxes round, square or flush-mounted
- Remote control and Smart Home possible
- 16 colours for aluminium armour
- 6 RAL colours for the headbox
- Special colours on request

OPERATION



230 V Motor

Radio motor

SMART HOME

* Depending on box slope

AROS 100



AROS 100
Roller shutter without headbox cover for installation in an existing recess.
Max. width 3000 mm
Max. height 3500 mm

The AROS 100 is especially suited for installation in existing recesses. The self-supporting roller shutter is mounted directly in an existing recess without a headbox cover.

YOUR BENEFITS

- Shaft mounting
- save on energy and heating costs
- Privacy screen for greater privacy
- End rod and guide rails
- operated by crank
- Radio-controlled motor
- 16 colours for aluminium armour
- in over 200 RAL colours

OPERATION



Crank



230 V Motor



Radio motor



SMART HOME



ROOM CLIMATE

No matter what your reasons for considering a roller shutters retrofit, there are numerous benefits to upgrading: among other things, roller shutters can truly enhance your room climate.



PRODUCT OVERVIEW

PRODUCT	NOVOSTYLE	VOKA	VOKA-SLOPE	AROS 100
Maximum system width	3,000 mm	3,800 mm	2,800 mm*	3,000
Maximum system height	2,500 mm	2,800 mm	3,700 mm*	3,500
Maximum system surface	6.5 m ²	6.5 m ²	6,5 m ² *	6.5 m ²
headboxes and guide rails	more than 200 RAL-colours	more than 200 RAL-colours**	White, brown, green, silver, anthracite grey	more than 200 RAL-colours
Standard operation	Motor	Belt	Motor	Motor
Aluminium curtain slats T37 (standard)	✓	✓	✓	✓
Thermal separation	-	✓	-	-
Casing size compensation	✓	✓	-	-
Insect screen rotating frame for doors	✓	✓	-	-
Insect screen roller blind	✓	✓	-	-
Pulling strap with flush-mounted winder	-	✓	-	-
Pull cord	-	✓	-	-
External gearwheel	✓	✓	-	-
Mechanical motor	-	✓	-	-
Electronic motor	✓	✓	✓	-
Electronic radio motor	✓	✓	✓	✓
Solar-powered radio-controlled motor incl. rechargeable battery and solar panel	✓	✓	-	-

* Depending on the slope of the system

** Except VOKA 220

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YOUR **WOUNDWO** DEALER

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