

INSTRUCTIONS FOR USE



VERTICAL AWNINGS

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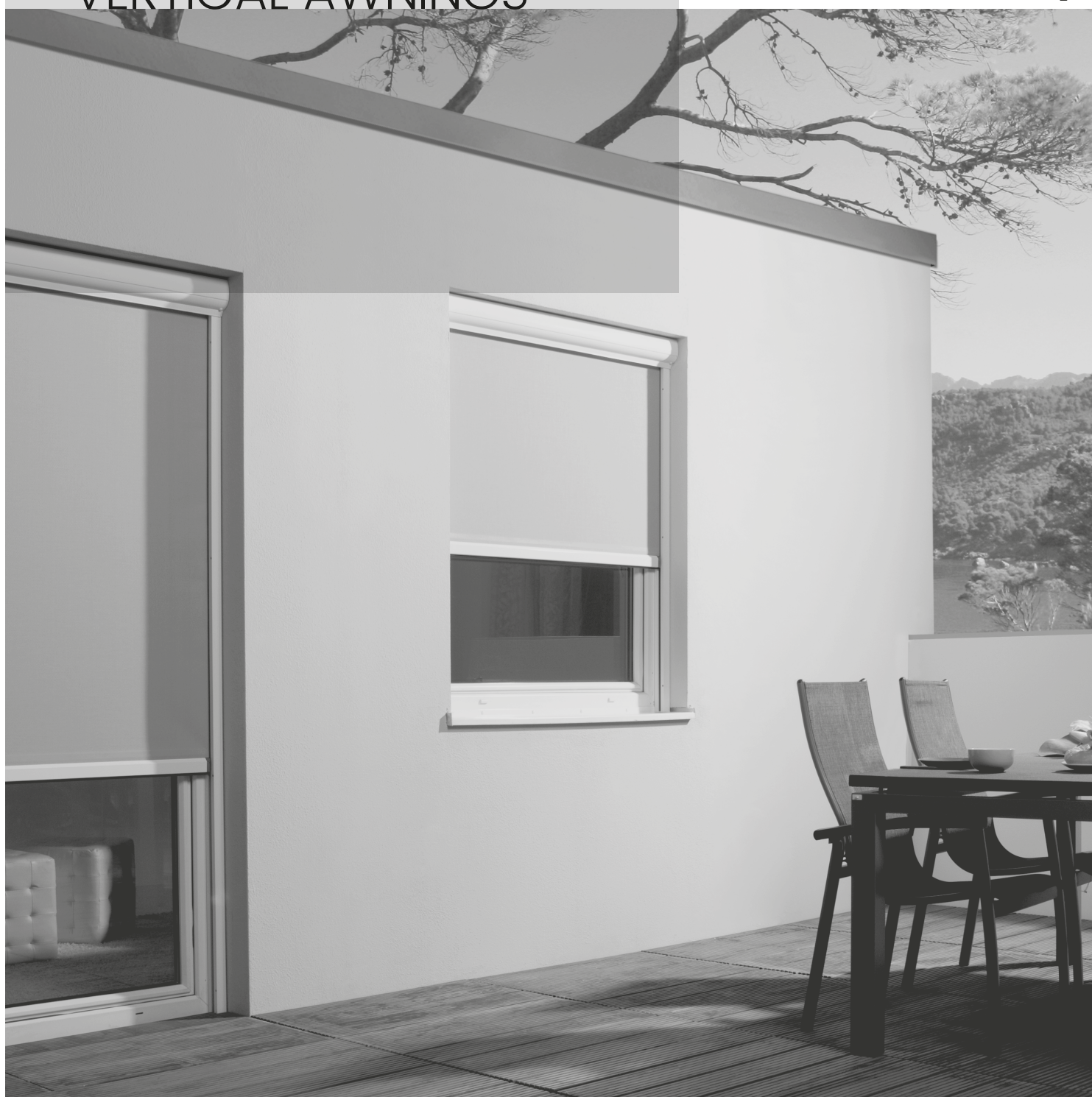


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1. BASIC INFORMATION

Thank you for purchasing this **WOUNDWO** product.

You must have read and understood these instructions for use before commissioning the products to ensure failure-free permanent operation. It is important to follow these instructions to ensure people's safety. The notices in the instructions for use must be observed. Non-compliance shall release the manufacturer from its liability. Please also observe the notices on the product and on the packaging. We request that you keep all the instructions (instructions for assembly and use) and hand them over to the new owner should you sell the vertical blind.

2. EXPLANATION OF THE NOTICES

Safety notices and important information can be found at the corresponding point in the text. These are equipped with a symbol.



This symbol indicates notices that are important for people's safety or for the awning's function.



This symbol indicates important product information for the user.

3. VALIDITY

These instructions for use are valid for the following **WOUNDWO** vertical awnings:
 NOVOLINE E150, Novoline R122, novoline E102, markisolette rund, markisolette eckig, openline, ZIPLINE P120, ZIPLINE E120, ZIPLINE E150, ZIPLINE R95, ZIPLINE R120



4. SAFETY



All **WOUNDWO** vertical awnings are designed and manufactured in line with the provisions set forth in the EN 13561 standard. Nonetheless, dangers can arise for the people involved and/or the product can be impaired or other property damaged.



The product may only be operated as intended, in a technically perfect condition, in a safety- and risk-conscious manner and in accordance with these instructions for use. Faults that could compromise safety are to be rectified immediately.



It is important to follow these instructions for people's safety. These instructions must be kept.

5. INTENDED USE

WOUNDWO vertical awnings are primarily designed to protect against solar radiation, to guarantee privacy and also to serve as glare protection. Any other use or use that extends beyond this shall be deemed improper. The manufacturer assumes no liability for any resultant damages. No changes, additions or conversions may be made to vertical awnings without the manufacturer's consent. Vertical blind parts in an imperfect condition must be replaced immediately. Only genuine spare parts specified by the manufacturer may be used. In the case of parts sourced from third parties, there is no guarantee that these have been designed and manufactured in line with safety and loading requirements.

If the window awnings suffer additional loading as a result of suspended objects, this can lead to the vertical awnings malfunctioning or becoming damaged. Such actions are therefore impermissible. Assembly and maintenance work may only be performed by qualified staff.

The connection must be fused and de-energised whilst inspecting or maintaining electrical parts.

WO&WO Sonnenlichtdesign GmbH & Co KG assumes no liability for damages caused by improper use.

6. PRODUCT INFORMATION

TECHNICAL DATA

The dimensions and technical details of vertical awnings can be found in the current catalogue available from specialist dealers, in the instructions for assembly or on the **WOUNDWO** partner page at www.woundwo.com.

DATA FOR THE ELECTRIC DRIVE

PARAMETER	VALUE
Mains voltage	230 V AC
Current consumption	0,45 bis 2,1 Ampere (depending on the drive)
Power consumption	90 bis 460 Watt (depending on the drive)
Protection class – electric drive	IP 44
Permanent operation – motor	Approx. 4 minutes



The electric motor is not designed for permanent operation. After approx. 4 minutes of operation, the thermal protection starts and the motor switches off. The motor is ready for operation again after 15 – 30 minutes. However, the new actuation time is considerably reduced, lasting 1 – 2 minutes

WIND RESISTANCE CLASS	DESCRIPTION	WIND STRENGTH (ON THE BEAUFORT SCALE)	WIND SPEED
Class 0	undefined; product untested or unsuitable		
Class 1	moderate wind	4	20 - 28 km/h
Class 2	fresh wind	5	29 - 38 km/h
Class 3	strong wind	6	39 - 49 km/h
Class 4	high wind	7	50 - 61 km/h
Class 5	gale	8	62 - 74 km/h
Class 6	storm	9	75 - 88 km/h

WOUNDWO awnings and their components are designed and manufactured in compliance with DIN 13561. The various awning types are ranked according to their wind resistance class. Our product categories are classified as follows:

PRODUCT	SIDE GUIDING RAIL	WIND RESISTANCE CLASS
ZIPLINE P120, E120, E150, R95, R120	Guiding rail with zip	6 up to 3x3m, above that 5
NOVOLINE E150 NOVOLINE R122 NOVOLINE E102	Guiding rail	2
	Cable	2
Marquisolette Round and Square	Guiding rail	2
OPENLINE	Guiding rail	2 up to 3000mm, above that 1
	Cable	2 up to 3000mm, above that 1

During high wind load it may not be possible to raise or lower the Cover.



The vertical awnings may only be used up to the wind resistance class declared by the manufacturer. The wind class may only be downgraded due to poor assembly conditions in exceptional cases and with the end user's consent.

NOISE EMISSION

The sound pressure level of this awning when disassembled is less than 70 dB(A) when measured pursuant to EN ISO 12100-2:2003.

ACCESSORIES

The following accessories are available for **WOUNDWO** vertical awnings (not included in the scope of supply):

- Wireless remote control
- Automatic sun / wind / rain control
- Room thermostat

Detailed information about the right accessories and how to integrate them is available from all **WOUNDWO** specialist dealers.

7. OPERATION

7.1 GENERAL SAFETY NOTICES FOR OPERATING VERTICAL AWNINGS



Vertical awnings may only be operated by persons who have received instruction from appropriate specialist staff. Particular care is required in the case of people who cannot correctly assess the risks of misuse. Never allow children to play with the operating equipment! If available, keep the wireless remote controls out of the reach of children



A vertical blind may only be actuated if it has been ensured that there are no obstacles in the movement area of the vertical blind curtain



Solar radiation and motorised operation can cause system surfaces or individual vertical blind components to become extremely hot, which may lead to burns in the event of direct contact.



Only use suitable and permissible climbing aids for maintenance, repair and cleaning work on the system. Climbing aids must not be leaned against or fixed to the vertical blind. Ensure that these are secure and provide sufficient support. Never hold on to the system – risk of injury and falling! The vertical blind curtain is mobile and may buckle or sag.








When working on the system, the automatic control must be switched off for safety reasons. In addition, it must also be ensured that it is not possible to manually operate the system by accident or that the system can power up or shut down automatically. For this purpose, disconnect the power supply, e.g. remove the fuse or disconnect the plug coupling on the motor from the power supply (electrician required). During manual operation, it must be clearly identifiable that work is being performed on the system and that it may not be operated by attaching a corresponding notice to the operating elements (switches, push button, hand-held radio transmitter).








In frosty conditions, there is the risk of damage to or destruction of the vertical blind as a result of ice build-up occurring. The vertical blind curtain may only be moved up and down if it has been ensured that the vertical blind and windowsill are free from snow and ice. Do not apply any force when operating a frozen vertical blind curtain! It is therefore essential that any available automatic control be switched to manual operation when there is a risk of frost.





-  Foreign objects or coarse dirt, especially in the area of the moving system parts, are/is to be removed immediately, as there is a risk of damage to or destruction of the vertical blind as a result.
-  If the wind resistance class defined for the vertical blind is exceeded, the vertical blind must be fully retracted. A closed vertical blind cannot withstand any wind load if windows / doors are open – so close your windows / doors when there are strong winds. Ensure that there are no draughts when you are away from home, too.
-  If operation of the vertical blind is no longer possible due to a technical defect or fault (e.g. power failure during motorised operation) and the wind resistance class defined for the roller shutter is exceeded when the vertical blind curtain is not fully opened, the danger zone around the vertical blind must be secured accordingly. Falling system parts can cause injury to people and animals, as well as damage property!
In any case, contact an appropriate specialist dealer if the vertical blind malfunctions.
-  Please observe the valid disposal regulations when disassembling or replacing the vertical blind.
-  Should the blind cloth become damp or even wet, the vertical blind must be extended to dry out the blind cloth as soon as is possible (risk of stains and mould forming, plus damage to the blind fabric and the seams).





7.2 VERTICAL AWNINGS WITH MOTORISED OPERATION

-  When the system is being handed over, the responsible specialist must provide appropriate instruction on correctly operating the electric drive. During this process, an explanation of how the individual operating elements are assigned is also provided. Vertical awnings may only be operated by persons who have received instruction from specialist staff.
-  Never allow children to play with the operating equipment (switches, buttons, wireless remote control)! Keep remote controls out of the reach of children.
-  Work on electrical systems may only be performed by trained electricians.
-  Remember that even an automatic control can fail in exceptional cases (e.g. power failure, defects, sudden bad weather) – Recommendation: deactivate the automatic control when you are away from home.
-  If the vertical blind is assembled in front of your balcony or terrace doors and the vertical blind is connected to an automatic control, there is a risk that you will lock yourself out. To prevent locking yourself out, deactivate the automatic control before using the balcony or terrace.

7.3 VERTICAL AWNINGS WITH CRANK OPERATION

-  If the vertical blind curtain is fully closed or opened, do not continue to forcibly turn the operating crank – this could damage the system. When turning the crank, ensure that the direction of rotation is correct.
-  Too great a deflection on the operating crank (connecting shaft) leads to stiffness and excessive wear.

7.4 ZIPLINE WITH AN INTEGRATED INSECT SCREEN

-  When using an integrated insect screen solution in the door area (rotating frame, sash frame), always check whether the insect screen is opened or closed. As the insect screen gauze is easy to see through, there is the risk of it being overlooked. Attempting to walk / run through a closed insect screen element can cause injuries to people or damages to the insect screen element.
-  When using an integrated insect screen revolving door featuring an automatic door closer, the rotary wing closes automatically. Ensure that there are no people or objects between the rotary wing and the frame profile when the revolving door is closing automatically – risk of crushing!
-  When using an external venetian blind featuring an integrated insect screen revolving door, ensure that the insect screen rotary wing (opens outwards) is closed when the external venetian blind is being operated. Operating the external venetian blind (extending the external venetian blind curtain) when the insect screen rotary wing is opened can cause damage to the entire system.
-  When using an integrated insect screen sliding door, ensure that there are no people or objects between the sliding wing and the frame profile when the sliding wing is closing – risk of crushing!

8. CLEANING AND CARE



Use suitable climbing aids and de-energise the drive motor!



No system parts must be opened or removed when cleaning and caring for the vertical blind. Should this be necessary, contact a specialist dealer.



Heavy dirt deposits can lead to stiffness or damages and reduce the product lifetime, so remove any dirt sticking to the curtain surface on a regular basis. When doing so, also remove dirt or objects from the guide rails.



No high-pressure cleaners, scouring agents or scouring pads should be used for cleaning! Solvents such as alcohol or benzine must not be used!

CLEANING THE PRODUCT:

Dirt can be removed from the vertical blind using a soft brush or hand brush. Clean the awning cloth using a fine liquid detergent and rinse thoroughly with cold water. The frame of the vertical blind can be cleaned using a commercially available cleaner and wiped with a damp cloth. The awning cloth must be left to dry after cleaning.

9. MAINTENANCE



Reliable and safe use of the vertical blind can only be guaranteed if the system is checked and maintained on a regular basis.

The vertical blind is to be checked regularly for signs of wear and damage on the cover and frame. If damages are found, the specialist dealer or a suitable servicing company is to be tasked with the repair work. Vertical awnings needing repair must not be operated.

10. DISASSEMBLY



Improper assembly activities can result in personal injury or property damage.

Only have a **WOUNDWO** specialist dealer perform disassembly work. Please refer to the product instructions for assembly for specifications / notices.



EC DECLARATION OF CONFORMITY ACCORDING TO THE MACHINERY DIRECTIVE 2006/42/EC
(APPLIES TO MOTORISED OPERATION ONLY)

PRODUCT: VERTICAL AWNINGS

INTENDED PURPOSE: Awnings for outdoor use
Corresponds to the provisions set forth in the Machinery Directive 2006/42/EC if featuring a motor drive.



THE FOLLOWING HARMONISED STANDARDS WERE APPLIED:

EN 13561 External blinds – Performance requirements including safety
EN 60335-2-97 Household and similar electrical appliances – Safety
EN 12045 Shutters and blinds, power-operated

CONFORMITY WITH THE FOLLOWING DIRECTIVES:

Electromagnetic Compatibility Directive 2014/30/EU

Compliance with the safety objectives set forth in the Low Voltage Directive 2014/35/EU was ensured according to Annex I, No. 1.5.1 of the Machinery Directive 2006/42/EC.

MANUFACTURER: WO&WO Sonnenlichtdesign GmbH & Co KG
Hafnerstraße 193, 8054 Graz, AUSTRIA

Dipl. Kfm. Volker Schmidt
Authorised representative

Graz, April 2018

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Komplementär: WO&WO Sonnenlichtdesign GmbH, Firmenbuch:
Landesgericht Graz Nr. 29885/9 m


DECLARATION OF PERFORMANCE DOP NO. 212011306

Identification code for the product type: VERTICAL AWNINGS
(ZIPLINE P120, ZIPLINE E120, ZIPLINE E150, ZIPLINE R95, ZIPLINE R120
NOVOLINE E150, NOVOLINE R122, NOVOLINE E102;
MARKISOLETTE round; MARKISOLETTE square; OPENLINE)

Intended purpose: Awning for outdoor use

Manufacturer: WO&WO Sonnenlichtdesign GmbH & Co KG, Hafnerstraße 193, 8054 Graz, Austria

Authorised representative: Dipl. Kfm. Volker Schmidt

Certification: According to Rating System 4 of the Construction Products Regulation 305/2011/EC

Declared performance: Wind resistance class 0 – 6 pursuant to EN 13561

WIND RESISTANCE CLASS	DESCRIPTION	WIND STRENGTH (ON THE BEAUFORT SCALE)	WIND SPEED
Class 0	undefined; product untested or unsuitable		
Class 1	moderate wind	4	20 - 28 km/h
Class 2	fresh wind	5	29 - 38 km/h
Class 3	strong wind	6	39 - 49 km/h
Class 4	high wind	7	50 - 61 km/h
Class 5	gale	8	62 - 74 km/h
Class 6	storm	9	75 - 88 km/h

The order's delivery slip, on which the product-specific wind resistance classes per order item are printed, serves as a supplement to this Declaration of Performance. When used as intended, the product satisfies the essential properties defined in the following standards.

Harmonised standard: EN 13561 External blinds – Performance requirements including safety

Dipl. Kfm. Volker Schmidt
Authorised representative

Graz, April 2018

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Landesgericht Graz Nr. 298579 m

**13. PRODUCT IDENTIFICATION**

To make subsequent enquiries or suggestions about the product easier, the product data should be documented by the specialist dealer.

Product description	<ul style="list-style-type: none"><input type="radio"/> NOVOLINE E150<input type="radio"/> NOVOLINE R122<input type="radio"/> NOVOLINE E102<input type="radio"/> MARKISOLETTE RUND<input type="radio"/> MARKISOLETTE ECKIG<input type="radio"/> OPENLINE<input type="radio"/> ZIPLINE P120<input type="radio"/> ZIPLINE E120<input type="radio"/> ZIPLINE E150<input type="radio"/> ZIPLINE R95<input type="radio"/> ZIPLINE R120
WOUNDWO order number	
Assembly date	
Handed over by / on: (Specialist dealer's stamp and signature)	

