

SCREEN ROLLER BLINDS

(ALFA-ZIP, ALFA PLUS-ZIP, HR8-ZIP, HR10-ZIP, ZIP, ZIP ECONOMY)

VERANDAS

(HRV52, HRV08-ZIP, HRV80-ZIP, HRV80-ZIP-2P)

1. CONTROL

The roller blind was designed for use in both interior and exterior installations. The motor is protected against humidity, protection class IP44. **The roller blind is not intended for use in explosive atmospheres.** The operating switch should be installed indoors. It may, however, be installed outdoors, but only with corresponding protection against water penetration, protecting all electric parts.

Power supply

- Mains voltage: 230 V AC
- Mains frequency: 50–60 Hz
- Voltage fluctuation tolerance: $\pm 10\%$
- Level of disturbance: below 70 dB

Operating conditions

- Ambient temperature: -5 to +50 °C
- Relative humidity: up to 5 g/m³ and 75% (I2 Class)
- Atmospheric conditions: E11, E12, E14, E15 acc. to EN 13561
- Wind resistance *
- Motorised version – **Class 3**, Beaufort scale 6 (up to 49 km/h) ▪ Crank version – Class **0–2** (depending on the model)

* IN CASE OF EXTERIOR INSTALLATION, IT IS STRONGLY RECOMMENDED TO ROLL UP THE BLIND TO THE BOX IN CASE OF ADVERSE ATMOSPHERIC CONDITIONS. FOR MOTORISED ROLLER BLINDS, IT IS RECOMMENDED TO USE THE WIND SENSOR FOR AUTOMATIC BLIND ROLLING UP TO THE BOX.

DESCRIPTION OF ELECTRIC MOTOR CONTROL:

Screen roller blinds may be rolled down and up using an electric motor drive with a remote controller or a switch. With electric drives, it is possible to use automatic control according to weather, such as the wind and sun sensors. In this case, a motor with a remote controller is necessary. The electrical installation, assembly, and maintenance may only be performed by qualified personnel, authorised and competent for the respective works.

The motor switches may be adjusted in two ways, either by a switch, or using a programme set (on request). **Instructions for the end switch programming and setting are specified in an individual manual.**

2. MAINTENANCE

The product does not require extraordinary maintenance and lubrication of control mechanisms. For normal soiling, regularly use soft brushing, hand-held vacuum cleaner set to low power, moistened soft textile fabric / sponge, or wash the surface with clean water. Only use soap water solutions without chemical additives, up to 30 °C (lightly soiled: 5% soap water solution, water temperature up to 20 °C; medium or heavily soiled: 10% soap water solution, water temperature up to 30 °C). Do not use aggressive cleaning agents like organic thinners, solvents, abrasive sand, cleaning pastes, steam generators and strong alkaline cleaning agents.

We recommend performing regular checks and maintenance of the roller blinds. Before and after the season (spring, autumn), we recommend:

- Checking whether the roller blind rolls down and up correctly;
- Checking proper function of the end switches;
- Checking the condition of the cover – fabric, followed by cleaning, if necessary;
- Flush the groove in the guide rail's plastic insert using a dry, evaporable agent (fat free) – the lower rail must be in the upper end position during this operation.

ATTENTION:

Always clean carefully to prevent damage to the frame and fabric. When cleaning the windows, always place the product in a position that prevents damaging the product and does not preclude cleaning. Protect the product against soiling during construction work and decorating.

To ensure optimal use of the Veranda, it is recommended to ensure its regular inspection and maintenance (at least once a year). For your own safety, we recommend that you sign a maintenance contract with the Veranda installation company – preferably with the person who installed your Veranda.

The Veranda requires regular checks for wear and damage to the fabric and frame. Veranda that needs repair must not be used.

In case of failure, contact the company that ensures maintenance for you. Any and all warranty claims shall be void unless annual maintenance is performed by a specialised company using original spare parts.



MAINTENANCE AND REPAIRS OF THE SUNSHADE, ESPECIALLY THE ARMS, MOTORS, AND SAFETY ELEMENTS, MAY ONLY BE PERFORMED BY AUTHORISED PERSONS. MOTORS MAY START ABRUPTLY. IT IS THEREFORE NECESSARY TO DISCONNECT THE MOTORS FROM THE MAINS (E.G., BY SWITCHING OFF THE CIRCUIT BREAKER) WHILE CLEANING OR MAINTENANCE IS PERFORMED.

OUR PRODUCTS MUST BE INSTALLED IN A MANNER ENSURING THAT ALL PARTS ALWAYS REMAIN ACCESSIBLE FOR MAINTENANCE AND REPAIRS, OTHERWISE THE MANUFACTURER SHALL NOT BEAR ANY ADDITIONAL COSTS (E.G., FOR DEMOLITION WORKS AND REPAIRS OF THE FAÇADE AND INTERIOR WALLS) CAUSED.

You may perform the following undemanding maintenance works and checks may:

Maintenance of the mechanism:

- Check of pull cords for damage and/or wear (every 3 months).
- Check of cord position in the roller (every 3 months).
- Regular cleaning of areas in the guide rails in which the sliding block wheels move (every 3 months, or more frequently if necessary).
- Lubrication of the sliding block wheels (at least once a year) with dry lubricant (fat free)
- Lubrication of the wheels under the end of the guide rails (at least once a year) with dry lubricant (fat free)
- Lubrication of the wheels opposite the control side (at least once a year) with dry lubricant (fat free)
- Lubrication of the drum bearings (at least once a year) with dry lubricant (fat free)

Note: Do not soil the fabric.

Maintenance of the profiles:

- Regularly clean the profiles with lukewarm water and a neutral detergent, e.g., car shampoo. Then wash with fresh water (at least twice a year).
- Never use corrosive and aggressive products. We strongly discourage using steel wool and other abrasive materials.

Maintenance of the fabric:



- The Veranda fabric is covered with a special layer that resists soiling.
- Dust should be removed from the fabric by a vacuum cleaner, by an air blower, by beating, or brushing down.
- Water stains should be thoroughly wetted and wiped by a clean cloth. Detergents like soap or other chemicals should only be used if absolutely necessary.

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- The best way to clean fingerprints and grease spots is to use a clean cloth with a drop of a mild dish soap (never use trichloroethane III).

Also keep the following in mind:

- Never open the Veranda in heavy rain, strong wind, frost, and snowfall.
- If the fabric is permanently exposed to all weather conditions, it is highly probable that sediments caused by air pollution will accumulate on the fabric, decreasing the quality of the fabric.
- The fabric may be rolled up for a short time even if it is wet. After that, it is necessary to dry the fabric in unrolled position. If wet fabric remains rolled up for a long time, mildew or rot is likely to appear.

	
<p>THIS VERANDA MAY ONLY BE DISASSEMBLED AND REMOVED BY QUALIFIED FITTERS. THE DISASSEMBLY OF COMPONENTS MAY BE DANGEROUS AS THE CORDS, SPRING, AND TELESCOPIC POLE ARE UNDER A VERY HIGH MECHANICAL TENSION. SECURE THESE HAZARDOUS DANGEROUS COMPONENTS PRIOR TO DISASSEMBLY.</p> <p>ENSURE DISPOSAL OF THE DISASSEMBLED SHADING SYSTEM IN ACCORDANCE WITH LOCAL ENVIRONMENTAL REGULATIONS. IF NECESSARY, CONSULT THE LOCAL ENVIRONMENTAL PROTECTION AUTHORITY.</p>	<p>CONTACT YOUR SUPPLIER SHOULD YOU HAVE ANY QUESTIONS OR MATTERS THAT ARE NOT EXPLAINED OR INSUFFICIENTLY EXPLAINED IN THIS MANUAL.</p> <p>THE VERANDA IS A LARGE AND HEAVY MOVING OBJECT. IMPROPER OPERATION, DEFECTS, AND NEGLIGENT ACTIVITIES MAY POSE A DANGER OR PERSONAL INJURY.</p>

3. SAFETY INSTRUCTIONS

- Do not block the roller blind when moving. Remove your hands from the vicinity of the product before controlling.
- Do not allow children to play with the control devices. Keep the remote controllers out of reach of children.
- Regularly check the roller blind for deformation, excessive wear, or other damage.
- Do not operate the roller blind during any maintenance works (such as window cleaning).
- If automatic control systems are used (like the sun / wind sensors), disconnect power supply before performing any activities or maintenance.
- Forced operation is likely to damage the roller blind.
- Regularly check correct operation of the roller blind.

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- Do not use the roller blind if maintenance of the product is necessary.
- Do not handle the product with force if its movement is prevented by an obstacle.
- Do not hang any objects on the product and its control mechanisms.
- Prevent mechanical stress and damage to the product.
- The surroundings must be free of sharp objects or projections capable of damaging the fabric by tearing.
- In case of cord-operated products, always keep the cords out of reach of small children to prevent entangling or choking.
- Handle the product with care, especially during cleaning.
- Never roll up wet fabric.
- Immediately roll up the blind in case of change in the weather (announced or approaching storm, strong winds).

PRODUCTS WITH MOTOR DRIVE:

- Always follow instructions in the respective manual when setting up the product's electric controls.
- Do not allow children to play with the control devices. Keep the remote controllers out of reach of children.
- Regularly check the installation for wear or damage to the supply cables.
- Before performing any checks or maintenance of electric parts, always disconnect the product from electricity in a reliable manner.
- End switches may only be set up by persons who follow instructions for the motor operation.
- Person who sets up the end switches must hold a certificate for electrical installation works, be skilled and experienced.
- The operating time of the electric motor is strictly limited and must not exceed 4 minutes (= 20% of the cycle). The remaining 80% of the cycle (approx. 16 minutes) is the period of mandatory motor cooling. Exceeding these conditions may lead to permanent damage to the electric motor.

ATTENTION:

The electrical installation, assembly, and maintenance may only be performed by qualified personnel, authorised and competent for the respective works.

Prevent further use of the product in case of defect or mechanical damage to the product.

In order to ensure correct operation of the roller blind, it is forbidden to perform any structural modifications in the system.

NOTES:

If the product does not work, contact your dealer or installer.

Product depictions may not correspond with all details of the actual product. The manufacturer reserves a right to change. Do not dispose of the product in municipal waste after the end of its useful life. Materials used within the product may be separated and disposed of in accordance with waste regulations and environmental regulations in force. Information about waste collection sites may be obtained, for instance, from local authorities.

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