

# 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/m<sup>3</sup> 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

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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.

## 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.
- 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.

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- 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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