

EN Dear customer,

You have recently become the owner of a quality sunprotection screen from RENSON Sunprotection-Screens. We congratulate you on your wise choice. After final inspection your sunprotection screen was given the serial number that you can find in this booklet.

All the materials we use are top quality and suitable for their purpose. As a manufacturer of sunprotection screens, we guarantee our products for five years** against any defects occurring during normal use and maintenance. In the event of problems, always quote the serial number to your installer.

Because RENSON Sunprotection-Screens places great importance on the quality of its products and on providing maximum satisfaction for our customers and end-users, we have drawn up special operating and maintenance instructions.

This guarantee certificate shall cover :
Zipshade Minimal Medium (F) / Zipshade Minimal Large (F)

- * 7- year guarantee on the Fixscreen technology (excl. Freestanding (F): 5-year guarantee):
 - zip remains in side guides
 - maximum bonding of zip to fabric

- ** A 5-year guarantee also applies to electronic parts and automatisation.
A 7-year guarantee applies to the Renson Detecto-motor.
Concerning the coating of aluminium elements, a 10-year guarantee applies for the colour stability.
A 5-years guarantee applies on the gloss of the coated profiles.



1 • Electrical specifications

Category	Rating
Power supply	120 V / 60 Hz
Radio frequency	433,42 MHz
Current	0.4 to 1.5 Amps (depends on motor type)
Protection class	IP 44

2 • Wind class

EN For information the following are the wind classes according to the DIN 13561:2004 standard. Zipshade Minimal M (F) and Zipshade Minimal L (F) are conform wind class 3, with standard fabric.

3 • Function

EN Sunprotection screen for external use, specially designed to exclude the sun and create an optimal internal climate. Depending on the type of fabric selected, the values for light permeability and heat protection may vary. The specific design of the Zipshade makes it extremely resistant to wind gusts. The screens may unroll or roll up at different speeds if there is a combination of different systems, single or coupled systems, or systems with different dimensions.

Guarantee certificate

Zipshade® Minimal

User manual & warranty conditions

4 • Guarantee

EN All materials used by RENSON are top quality and suitable for their purpose.

As a manufacturer, RENSON guarantees its products for five years against any defects occurring during normal domestic use and regular maintenance.

There is also a 5-year guarantee on the electronic controls.

RENSON guarantees its Fixscreen technology for 7 years (excl. Freestanding (F): 5-year guarantee):

- Zip remains in side guides.
- Maximum bonding of zip to fabric.

The guarantee on the colour stability and gloss of the coating of aluminium profiles depends on the type of environment (non-aggressive versus aggressive environment) and the type of treatment:

Guarantee	NON-aggressive environment	Aggressive environment, e.g. ocean, heavy industry, etc.
Standard coating	10-year guarantee on coating - 5-year guarantee on gloss <i>Subject to limited maintenance</i>	No guarantee
Seaside Quality A	10-year guarantee on coating - 5-year guarantee on gloss <i>Subject to limited maintenance</i>	10-year guarantee on coating - 5-year guarantee on gloss <i>Subject to limited maintenance</i>
Pre-anodisation	10-year guarantee on coating - 5-year guarantee on gloss <i>Subject to limited maintenance</i>	10-year guarantee on coating - 5-year guarantee on gloss <i>Subject to limited maintenance</i>

Restricted maintenance = twice a year, frequent maintenance = four times a year

Colour differences and spots can occur during the anodisation process. Anodisation is a process where the parameters are difficult to control. Tolerances are normal within this process and can bring colour differences.

RENSON is not responsible for breakage of the glass (for example: by wrong mounting or irregular heating of the glazing).

The guarantee includes the supply of replacement parts, fitting on site by the installer, or a complete overhaul of the system by the manufacturer at his factory. In case a spare part is no longer available, a viable alternative is proposed as a replacement of the original part. Fitting costs (travel + hourly rate) are not covered by this guarantee.

The guarantee period starts on the date of manufacture and refers only to the product itself, not to its installation.

The guarantee remains valid only if the product is used and maintained by the purchaser "as a good keeper" and in accordance with the instructions in this manual. Incorrect or abnormal use will void the guarantee.

Please always quote the serial number to your installer when reporting problems. The warranty provides no right to any compensation or reimbursement for consequential damages and does not cover any incidental physical injuries.

5 • Usage conditions

EN Temperature

- Withstands normal ambient temperatures (-18°C to +60°C, taking into account the motor's thermal protection).
- **Do NOT operate sunprotection screen in frosty conditions (if placed outside).**

Humidity

- Resistant to 100% moisture (rain).
- Do NOT hose at high pressure.
- **Do not use the sunprotection screen in heavy rain, snow or hail (if placed outside).**

Obstacles

- There should be no obstacles to prevent the screen being rolled up or down, e.g. planters, branches, etc.
Make sure there are no twigs or leaves on the fabric.
- Never let your children play near moving screens.

Power supply

- With electric controller 120V AC; 60 Hz.
- See also specific power instructions.

Wind (only applicable if placed outside)

We strongly recommend the use of a wind sensor!

Provide the necessary sensors or programming within your Building Management System to take into account the usage conditions mentioned above.

If it cannot be guaranteed that the above usage conditions have been complied with, then this provision is mandatory.

IT IS IMPORTANT TO FOLLOW THE APPENDED INSTRUCTIONS FOR YOUR SAFETY. KEEP THEM IN A SAFE PLACE.

6 • Safety

EN Mechanical

- It is important only to use the system for its intended purpose.
- Never stand on the system.
- Always take care when opening the cap on the container.
- Never put your hand in moving parts and never place fingers between the profiles.
- Maintain the system at regular intervals and use only original replacement parts.
- Clean the system regularly.
- It is normal for a small crease to form in the fabric: do not tension the fabric.
- Never attach additional components or accessories to this product. Except for the specially by RENSON developed accessories.

Electrical (if applicable)

- Prevent electrocution during maintenance using a plug or circuit-breaker close to the system (check there is no power to the device).
- If you have an automatic system, the cassette should be fitted with a lockable switch.
- The motor may overheat if the system is operated multiple times in succession. The thermal cut-out inside the system will make it inoperable for a while (approx. 10 minutes).
- Place the remote control out of reach of children.
- Check the cables for damage at regular intervals.
- Electrical components may only be modified with the permission of the manufacturer.
- If the motor cable is visible and installed outdoors, the cable needs to be protected by conduit or trunking which is sun resistant.

7 • Correct operation

EN Electric operation

- See enclosed technical manual (English version) for the particular motor type.
- The existing guidelines for motor connections should be taken into account.
- Immediately turn the switch to the zero position if the motor makes a high-pitched noise. Contact the installer if you can't locate the cause yourself.

- If the motor end setting is no longer correct (e.g. the screen does not roll fully up or down), contact your installer.
- If your sunprotection screen has an automatic controller (automatic wind/sun system), it is advisable in the following cases to set the system to manual:
 - In winter, as operating the screen in frosty conditions could damage it.
 - If you are away from home for an extended period.

8 • Maintenance

EN The system does not need much maintenance, but for years of enjoyment, we advise the following:

- If the fabric becomes wet in a sudden storm, you can still roll it up and unroll it later to dry when the weather is better. However, avoid having the wet fabric rolled up for more than three days to prevent formation of mould and spots.
- Before cleaning, remove any loose dirt with a brush. You can then use a cleaning product (avoid caustic products) and warm water to remove the remaining dirt. Always rinse the fabric after cleaning. Avoid cleaning in full sunlight: if soapy water dries quickly, it can leave spots on the fabric. Do not use aggressive abrasives.
- If anodised or enamelled profiles become dirty, they can be cleaned with warm water and a gentle-acting cleaning product. Never use aggressive products, abrasive sponges or other abrasive media. We also advise against using high-pressure equipment.
- Swivelling or rotating parts should be lubricated annually. Use a dry lubricant for this (PTFE Flex Lube (G6002796)).
- After cleaning (remove twigs and leaves), plastic sliding sleeves can be lubricated with a dry lubricant (PTFE Flex Lube (G6002796)).
- Frequently control your product on twigs, leaves, bird nests, etc. and remove them. Maintain the product "as a good keeper".
- As the manufacturer, we recommend having a regular technical inspection by your installer:
 - Annually at public utility building and at your private home.
- Always use original parts from the manufacturer.

Important to know:

- RENSON does not take the liability or gives the warranty on the automatic control system for the motor screen, except the well-known systems of Somfy.
- RENSON can not guarantee that the communication protocol for automatic building control or system for home automatisisation is compatible with the protocol for controlling the motor screen.
- Minor colour variations may occur during the manufacturing process between the colour guides and the profiles of the sunprotection screen. There may also be minor colour differences between components and profiles.
- The fabric may exhibit slight colour nuances and imperfections.
- Because the fabric is rolled up, it can form folds or creases.
- Creases/folds of fabric can accure and are not covered by the warranty.
- Over time, the colour of the fabric may fade slightly, depending on the chosen colour and design. Orientation can also have an influence on colour (e.g.: installation on south or west side of facade).
- In the case of straight screens, where the fabric hangs down vertically because of the weight of the bottom rail or a tensioning system, wrinkles can form in the fabric depending on the type of screen.

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9 • The guarantee does not cover

- Materials intensively exposed to damaging weather conditions.
- Materials exposed to an aggressive industrial environment and becoming discoloured or damaged as a result.
- Materials installed in an environment where there is a high salt content in the air, resulting in corrosion of the grooves.
- Products not installed in accordance with the manufacturer's instructions.
- Materials that become worn as a result of frequent or protracted use.
- Assembly taken place with too weak fixing material.
- Natural ageing.
- The use limits of the product (as listed in the manual) being exceeded.
- Use of non-compliant parts or parts not approved by our technical department.
- Incorrect or forced use. This is not a toy. It is not designed to be climbed or hang on.
- Installation, repairs or modifications carried out by unauthorised persons.
- Damage caused by third parties, such as transport damage, and other abnormal circumstances (damage caused by storms, hail, water, fire, etc.).
- Creases/folds of fabric are not covered by the warranty.
- RENSON is not responsible for glass breakage (e.g. by incorrect assembly or by the uneven heating up of the glazing).
- If the CE-sticker with the serial number has been removed or has been made unrecognizable.
- Situations where no sensors and/or programming were provided that all the usage conditions, stated in point 5, were satisfied.

10 • Problem solving

EN	Fault/problem	Cause	Remedy
	Motor ignores end position	End positions erased	Reset end position
	Motor does not reach end position	Moisture causing short circuit	Repair electricians
		External users are connected to the motors	Remove the external users
		Incorrect connection	Check the electrical connection
	Motor stops for no apparent reason	Motor overheated	Wait a few minutes
		Blown fuse	Replace fuse
		System blocked physically	Remove blockage or friction points
		System out of alignment	Check placement
		Faulty motor	Replace motor
	Screen is "open" at the sides	Screen has come out of guides	Open/shut the system once. If not remedied consult the installer
	Screen very loose when open	Bottom end point not set correctly	Adjust end point

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Serial number From

To

Type of product

Date of manufacture

Signature, final check

Dealer / installer stamp

Date	Type of maintenance	Name / Signature of installer

Conditional technical changes.
The most recent edition of the brochure can be downloaded on www.renson.eu

RENSON® NV
IZ 2 Vijverdam • Maalbeekstraat 10 • B-8790 Waregem • Belgium
Tel. +32 56 30 30 00 • info@renson.be • www.renson.net

