

Specification

GJ-SZ Square Series

Applicable product type(s):

- GJ-SZ Square Series
 - 1) These types be produced with different cassette and hem-bar profiles.

Product description:

Tensioned zip screen systems with aluminium powder coated or anodised profiles (cassette, side channels and hem-bar profile), steel tube, electric tubular motor and a polyester or fibreglass coated (PVC) fabric. The fabric has a zipper welded on the sides to lock inside the PVC inserts of the side channels.

Intended use:

To provide shading, darkening and/or another agreed purpose for the window, conservatory, skylight and/or opening. These systems can be installed internally or externally depending the type, fabric choice, installation and usage.

Dimensions:

- 2) The mentioned dimensions are indicative sizes, this can depend on various factors such as the installation, fabric, etc.
- 3) The 125 cassette is only for interior applications or when the cassette is installed on the highest side due to possible water inlet.
- 4) The maximum width and draw published is depending on the application and installation.

Cassette:	125	MW	NC	Notes:
Min. width:	600 mm	800 mm	800 mm	Depending the motor type and draw Smaller possible on request
Max. width:	4500 mm	6500 mm	6500 mm	Limitations may be applicable Wider only on request
Max. height/draw:	4500 mm	11000 mm	14000 mm	Limitations may be applicable Higher on request

Installation:

- ✓ Top-down
 - ✓ Bottom-up
 - ✓ Angled
 - ✓ Interior and exterior
- 5) Sideways and curved have a different specification

Applications:

- Shading
- UV Protection
- Light, heat & energy control
- Glare control
- Acoustic isolation
- Thermic isolation
- Darkening (opaque)
- 6) Special notes for darkening are applicable
- Privacy
- Insect (fly) screen protection

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System details:

Cassette:	125 mm 200*145 mm 210*160 mm	125 MW NC	Square Rounded Square	Interior or "dry" use
Hem-bar:	70*45 mm 113*48 mm 113*48 + 33 mm	MW MX MX+		Maximum 2500 mm width and 3500 mm draw When wider then 4200 mm
Side channels:	63*45 mm	SZ		
Inserts:	Anthracite PVC White for interior applications possible	high UV resistance		
Cords:	3mm high quality Dyneema®			
Cord colour:	black (standard), light grey, white (optional)			
Installation:	direct, with bracket, profile or distance feet			
Zip:	Various options			
Zip seal:	In white, grey and black possible			black provides the best darkening
Finish:	RAL colour Anodized	most colours available in matt and semi-gloss		
Special finish:	Super durable, seaside, etc. on request (against surcharge)			
Fixings:	All fixings used in the systems are made of A2 stainless steel			
Motorisation:	Electric 230V Electric 120V Battery 12/24V	Standard with Becker E12 or C12 (radio centronic) motors SMI optional with Becker S12 motors on request on request		
Control:	Wired (E12) or radio (C12), Somfy RTS/IO control only on request possible KNX via Becker S12 and KNX/SMI Actuator			
Motor cable:	2.5m, 5m, 10m, white or black			
Motor connectors:	Various possible			



Fabric options:

- 7) Other fabrics (such as acrylic, PVC-free, interior or printed fabric options) are possible on request.
- 8) For official values, deviations and testing standards we refer to the information available from the suppliers.
- 9) Preferred supplier/ or preferred fabric indicates to most optimum fabric option for this system type with regards to durability, tension, aesthetics, etc.

Supplier:	Screen:	Special:
NederLux Solar Screen	Sergé 5%	320 cm
	Starscreen 3,5% (max. 15m ²)	325 cm
Serge Ferrari	Soltis Horizon 86 (ca. 14% OF) (max. 15m ²)	267 cm* Soltis B92 Opaque (100.000 Lux) 170 cm
	Soltis Perform 92 (ca. 4% OF)	267 cm* Soltis 6002 Opaque (30.000 Lux) 300 cm

Other information:

Tolerances:	-/+ 2 mm in all directions
Maximum run time:	4 minutes
Cycles:	Tested for minimum 10.000 cycles (when cleaned and serviced)
Blackout:	100% blackout is theoretically impossible, we use the word darkening
Aesthetics:	Some waviness and wrinkling is always expected (e.g. at the zipper)
Fabric tension:	We strive for the highest fabric tension but depending the size and installation sagging can occur
Weld(s):	Required when system dimensions exceeds the roll width of the fabric
Noise:	The motor and spring mechanism produces noise during operation
Operating temperature:	3-55° Celsius
Wind sensor:	Mandatory in case of automatic operation
Rain sensor:	Mandatory in case of automatic operation, system may never be deployed when the cassette (motor) is on the lowest side
Sun sensor:	Not recommended due to continuous operation causing additional wear and noise
Inclination:	Angle of 14 degrees recommended for exterior installations to allow water to flow off
Safety:	See installation and user instructions
Obstacle detection:	Not possible with spring tensioned systems, only possible with gravity drop systems in combination with a suitable motor
Simultaneous running:	Only possible with same sized systems in combination with a suitable motor and control system
Cleaning:	Regular cleaning with neutral agent required
Cleaning fabric:	See instructions of the fabric supplier
Preserving:	Profiles can be treated with wax to extend the lifetime and colour fastness
Servicing:	After the first service (within ca. 2 months of 50 cycles) a yearly service is mandatory
Service logbook:	Mandatory for warranty claims
Repairs:	Contact GJ for instructions
Wind class:	See CE declaration
System warranty:	24 months (when cleaned and serviced)
Motor warranty:	5 years (limitations applicable)
Fabric warranty:	5 years (limitations applicable)

**supplier warranty applicable*

See also the **downloads** section of our website for:

- Instructions
- Order forms
- Information about motorisation
- Information about fabric characteristics
- European Guidelines for the evaluation of product characteristics of awnings
- Guideline for the Evaluation of Product Characteristics of Awnings

Manufacturer:

All fabrics are standard produced by our partner **SolFaction**.



All our systems are assembled and individually tested in the Netherlands, according by the latest CE declaration(s).

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