

**Applicable product type(s):**

- GJ-MW Dome Series
  - 1) This series can be produced with different cassettes and hem-bar profiles, guides are optional.

**Product description:**

Tensioned screen systems with aluminium powder coated or anodised profiles (cassette, side channels and hem-bar profile), steel tube with innertube and spring mechanism, electric tubular motor and a polyester coated (PVC) fabric. The systems are equipped with high quality Dyneema cords of 3 mm. To achieve the curvature of the dome shape there are intermediate rollers required.

**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 width and draw published is depending on the angle, application and installation.

| Cassette:         | 125 <sup>(3)</sup> | MW        | NC        | Notes:                                                           |
|-------------------|--------------------|-----------|-----------|------------------------------------------------------------------|
| Min. width:       | 800 mm             | 800 mm    | 800 mm    | Depending the motor type and draw<br>Smaller possible on request |
| Max. width:       | 4000 mm            | 6000 mm   | 6000 mm   | Limitations may be applicable<br>Wider only on request           |
| Max. height/draw: | 4500 mm            | 14.000 mm | 16.000 mm | Limitations may be applicable<br>Higher on request               |

**Installation:**

- ✓ Top-down
- ✓ Bottom-up
- ✓ Horizontal, angled
- ✓ Interior and exterior

**Applications:**

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

# Specification

## GJ-MW Dome Series

### System details:

Cassette: 125 mm 125 Square Interior or "dry" use  
200\*145 mm MW Rounded  
210\*160 mm NC Square

Roller tubes: Ø 50 mm < 3000 mm width  
Ø 60 mm < 4500 mm width  
Ø 70 mm < 6000 mm width

Hem-bar: 23\*44 mm SP  
Fabric pocket special occasions

Side channels: without (standard)  
38\*50 mm MW bended  
60\*60 mm alu profile

Cords: 3mm Dyneema®  
Cord colour: standard in black, on request in light grey possible



Installation: With bracket, profile or distance feet

Finish: RAL colour most colours available in matt and semi-gloss  
RAL structured various colours available  
Anodized

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 Standard with Becker E12 or C12 (radio centronic) motors  
SMI optional with Becker S12 motors  
Electric 120V on request  
Battery 12/24V 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:

- 6) Other fabrics are not recommended due to diagonal stability required.
- 7) For official values, deviations and testing standards we refer to the information available from the suppliers.
- 8) Preferred supplier/ or preferred fabric indicates to most optimum fabric option for this system type with regards to durability, tension, aesthetics, etc.

| Supplier:     | Screen:                                                            | Opaque:                                                               |
|---------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| Serge Ferrari | Soltis Horizon 86 (ca. 14% OF) 267 cm*<br>(max. 15m <sup>2</sup> ) | Soltis B92 Opaque 170 cm<br>(100.000 Lux)                             |
|               | Soltis Perform 92 (ca. 4% OF) 267 cm*<br>(preferred fabric)        | Soltis 6002 Opaque 300 cm<br>(30.000 Lux)<br>(max. 8 m <sup>2</sup> ) |
|               |                                                                    |                                                                       |

**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):               | Diagonal welds required to increase the fabric stability                                                                 |
| Carbon stiffener:      | Often mandatory to increase the fabric stability                                                                         |
| 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)                                                                                         |

*\*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).

Guillaume Janssen Nederland B.V.  
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