

Awnings Online Awning Operation & Maintenance

AWNINGSONLINE

Outdoor living made beautiful

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Operations & Maintenance



This product is suitable for outdoor use and complies with the following European Directives for CE Marking:

The Directive for Construction Products:	89/106/EEC
Machinery Directive:	98/37/EC
Low Voltage Directive:	73/23/EC
EMC Directive:	89/336/EEC
Standard Mains Voltage:	230V and 50Hz
Wind Class:	See Page I3
Water Load Class	See Page I3
Service Life:	See Page I3

The following standard has been applied:	EN 13561:2004
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I. Basic Information

Thank you for purchasing your Awnings Online Awning

Precise attention to this Operation & Maintenance guide before the initial operation of the product is a precondition for trouble free continuous operation.

To ensure the safety of persons and property, it is important to follow these instructions. The notices in the operating guide are to be observed absolutely. The non observance releases the manufacturer from their liability obligation.

Please observe the notices on the product and on the packaging.

We request that you safeguard all manuals (Installation and Operation & Maintenance) and pass these to the new owner in the event that the awning is sold.

2. Explanation of Notices

Safety notices and important information can be found at the appropriate place in the text. They are identified with a symbol:



This symbol identifies notices that are important for the safety of persons or for the function of the awning.



This symbol identifies important product information for the user.

3. Validity

This operating guide has validity for the following Awnings Online
Folding Arm Awnings

Cascade
Aria
Linea
Origin
Atelier

4. Safety

All Awnings Online Folding Arm Awnings purchased are designed and manufactured in conformity with the provisions of the EN 13561:2004 standard. Nevertheless, through non-observance of the corresponding guide during operation of the systems, dangers for persons involved or impairment to the product or other items of property can occur.



The product may only be operated in a technically perfect condition as well as in accordance with its intended use, with an awareness of safety and dangers under observance of this operating guide. Defects that could impair the safety should be rectified immediately.

5. Proper Intended Use

All Awnings Online Folding Arm Awnings are primarily used to protect against solar irradiation. In addition they can be limitedly employed as protection against light rain. (Refer to point 7.1) Any other usage beyond this is regarded as not for the intended use. The manufacturing company is not liable for damage occurring as a result.

No modifications, extensions or conversions on Folding Arm Awnings may be performed without approval of the manufacturer. Parts of Folding Arm Awnings not in perfect condition are to be exchanged immediately.

Only original spare parts prescribed by the manufacturer may be used. With parts procured from a third party there is no guarantee that these are designed and manufactured according to stressing and in accordance with safety.



Additional loading of the Folding Arm Awning due to suspended objects or through anchoring of the front rail / arms can lead to damage or the collapse of the Folding Arm Awning and is therefore not permitted. Mounting and maintenance work may only be performed by qualified and trained specialist personnel.

The manufacturer accepts no liability for damage resulting from this non-intended use.

6. Product Information



Technical Data:

The dimensions and technical details for the Folding Arm Awnings can be requested from **Awnings Online Awnings**.

Parameter	Value
Mains Voltage	230V and 50Hz
Current Consumption	0.45 - 2.1 Amps (Drive Dependant)
Power Consumption	90 - 460 Watts (Drive Dependant)
Class of Protection for Electric Drive	IP44
Continuous Operation	Approx. 4 Minutes



- 1. The electric motor drive is not intended for continuous operation. After approx. 4 minutes of operation, the thermal protection engages and the motor switches off.**
- 2. After 20 - 30 minutes the motor drive will be operational again, however the renewed activation time of the thermal protection is significantly reduced.**

Wind Limits:

Depending on the quality of the product, awnings are classified according to DIN EN 13561 Point 4.3 into wind resistance classes. The higher the class, the higher the quality of the product.

Wind Resistance Class	Description	Beaufort Scale	Wind Speed
Class 0	Undefined; Product untested or unsuitable		
Class 1	Gentle Breeze	4	20 - 27 Km/h
Class 2	Fresh Breeze	5	28 - 37 Km/h
Class 3	Strong Breeze	6	38 - 48 Km/h

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Awnings Online Folding Arm Awnings supplied are rated in wind classes according to the following tables.

Awning Model	Wind Classification
Aria	Class 2
Cascade	Class 2
Atelier	Class 2
Linea	Class 2
Origin	Class 2

The **Awnings Online** Folding Arm Awnings may only be utilised up to the wind resistance class declared by the manufacturer.

A downgrading of the wind class on the grounds of bad mounting conditions is permissible only in limited cases and subject to the agreement of the final user.

Noise Emmission:

The noise level of this awning, in a non mounted condition, measured according to EN ISO 12100-2:2003 is below 70dB(A).

Accessories:

The following accessories are available for **Awnings Online** Folding Arm Awnings:

- Motorisation (Hard Wired)
- Motorisation (Somfy RTS)
- Sun, Wind, Rain & Vibration Sensors
- Remote Operated Tubgston
- Heaters Remote Operated
- Halogen / LED Lighting In House
- Sign Writing
- Motorisation (Hard Wired)
- Powder Coating to Stock RAL / BS Colours

Detailed information about suitable accessories as well as their integration is available from your installer.

7. Operation

7.1 General Safety Information for the Operation of Folding Arm

Awnings



The operation of Folding Arm Awnings may only be carried out by persons who have received instruction by trained specialist personnel. Ensure that children do not operate the awning unsupervised and ensure the remote control units / switches are kept out of reach of children!

Do not touch the awning when retracting or deploying it. (danger due to pinch points). The awning cloth may not be walked on and not loaded with foreign bodies. No toys, objects or weights may be attached to the articulated arms. The resting against of objects such as e.g. ladders is also not allowed.

When working close to the projection area of a Folding Arm Awning, the automatic control (Sun & Wind Control) must be switched off, so that the Folding Arm Awning cannot deploy automatically. It is also advisable for the Folding Arm Awning to be isolated at the power supply.

Folding Arm Awnings should be retracted in the evening and before leaving the property.



With the formation of ice, snow or strong wind, Folding Arm Awnings may not be deployed. Folding Arm Awnings can be used limitedly against rain. Therby, the awning must be completely deployed and the minimum inclination is 15 degrees.

The unsupervised utilisation as protection against rain is not permissable, since the formation of water pockets cannot be entirely excluded.

The side sheet (optional) is to be removed before the Folding Arm Awning is retracted.

If the awning fabric becomes moist or even wet, the Folding Arm Awning must be deployed as soon as possible in order to dry naturally (danger of the formation of stains and mildew, damage to the awning fabric and or the seams).

7.2 Operating Folding Arm Awnings with Hand Crank

Deploying the Awning

Engage the supplied hooked hand crank in the transmission eye and rotate the handle in the appropriate direction to deploy the awning to the position required.

The end position of the awning (Fully Deployed) is when the knuckles of the retractable arms are almost touching, thereby, the awning fabric will remain tensioned. If the awning fabric loses tension, the tension is to be restored by retracting the Folding Arm Awning.

Retracting the Awning

Turn hand crank in the opposite direction until the awning is closed.

On reaching the end position, do not continue to turn the hand crank with force, the risk of damage to the transmission exists and overstretching or wrinkling the fabric.

7.3 Operating Folding Arm Awnings with Electric Drive

During the course of handover of the system, your installer will demonstrate and explain the safe operation of the Folding Arm Awning. Thereby the allocation of the operation elements is explained.

Deploying the Awning

Press the open button, the Folding Arm Awning will deploy to its end position automatically (Fully Deployed). Should you wish to stop the awning in another position then this can be achieved by pressing the middle button at the required point.

Retracting the Awning

Press the closed button, the Folding Arm Awning will retract fully to its closed position automatically. Should you wish to stop the awning in another position then this can be achieved by pressing the middle button at the required point.

Supplementary information about special functions can be referred to in the documentation for control and operating devices.

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8. Cleaning & Care

Frame & Cassette

Dirt can be removed from the Folding Arm Awning frame or cassette with a soft brush, mild detergent and warm water.

Fabric

Clean the fabric with a soft brush, warm water can be used if required. Do not use any form of detergent as this may erode the Teflon coating on the fabric. Extra special care should be taken if there is any signwriting on the fabric.

After cleaning, the awning fabric must be left to dry naturally before being retracted.



Do not use any high pressure cleaner or scouring agent and scouring sponges for cleaning. Solvents such as alcohol, thinners or petrol must not be used!

9. Maintenance

A safe and harmless usage of the Folding Arm Awning can only be ensured if the system is checked and serviced regularly.

The Folding Arm Awning is to be examined regularly for signs of wear and damage to the fabric and frame, it is also important to check the fixings are still tight and secure.

If any damage is determined, then the specialist installer or a suitable service organisation is to be commissioned with the repair.

Folding Arm Awnings in need of repair must not be used.

10. Dismounting



Damage to persons or property can result due to improper mounting activities. Only allow dismounting to be carried out by a specialist.

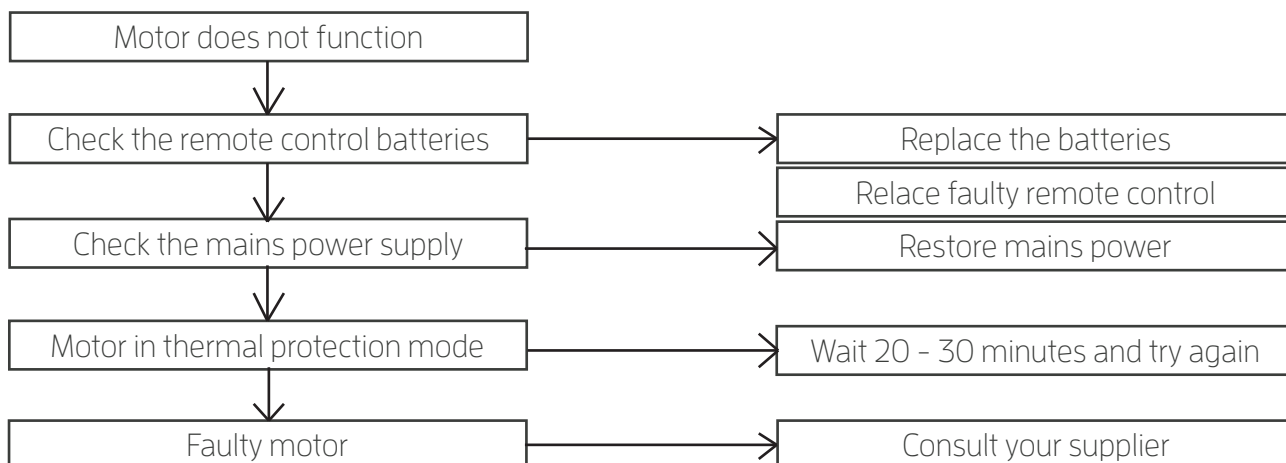
Operations & Maintenance

II. Troubleshooting

II.I Electrically Operated Awning

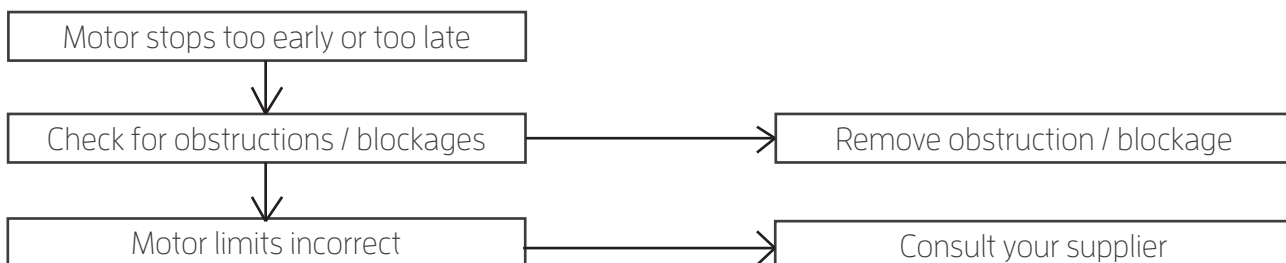
Problem / Fault

Solution



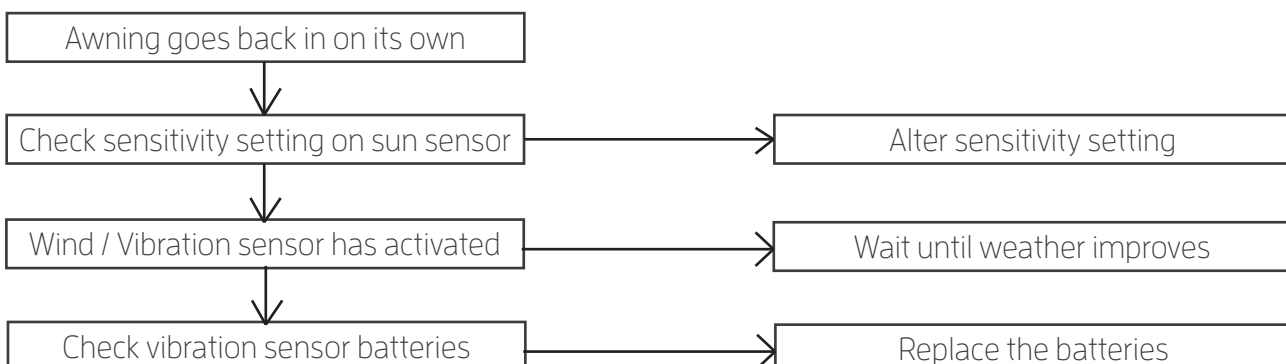
Problem / Fault

Solution



Problem / Fault

Solution

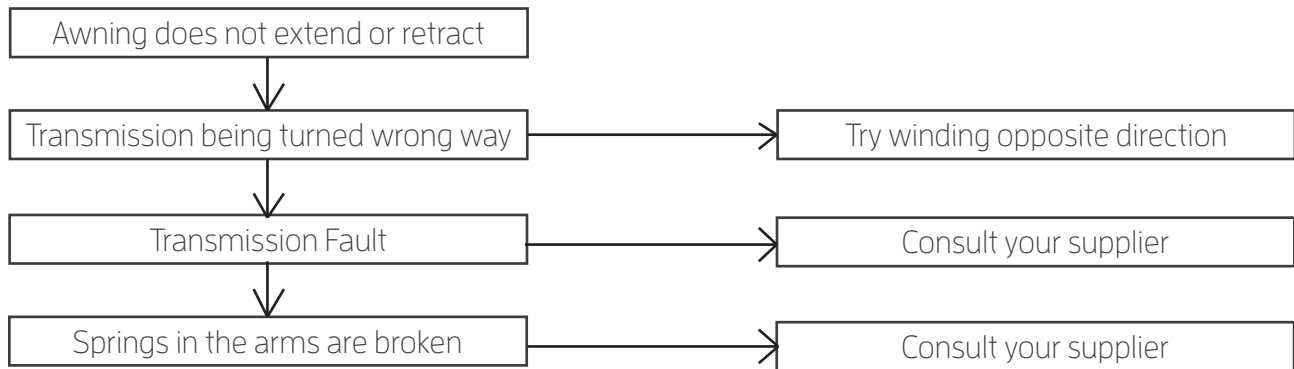


I I. Troubleshooting

II.2 Manually Operated Awning

Problem / Fault

Solution



Problem / Fault

Solution



Operations & Maintenance

12. Declaration of Conformity

Designation of Product: Folding Arm Awning
Application: Sun Protection
Complies With: EN 13561:2004

We hereby declare that the folding arm awning has been assembled in accordance with the regulations and that it complies with the relevant criteria as set down in the EN 13561:2004 standard.

Awning Model	Service Life	Wind Class	Water Load
Cascade	Class 3	Class 2	Class 2
Aria	Class 3	Class 2	Class 2
Linea	Class 3	Class 2	Class 2
Origin	Class 3	Class 2	Class 2
Atelier	Class 3	Class 2	Class 2

Service Life	Class 1	Class 2	Class 3
Number of times the awning is opened & closed	3000	7000	10000
Number of times the awning is turned	6000	14000	20000

Wind Class	Class 1	Class 2	Class 3
Wind force in Beaufort	4	5	6
Wind speed in Km/h	20 - 27	28 - 37	38 - 48

Water Load	Class 1	Class 2
Quantity of rainfall	17 litres/m ² per hour	56 litres/m ² per hour

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12. Product Identification

To simplify subsequent queries or suggestions about the product. The date of installation should be documented by the specialist retailer.

Awning Model	Awning Model	
Cascade	Origin	
Aria	Atelier	
Linea		

Serial Number	
Installation Company	
Installation Date	
Installers Name	
Installers Signature	

13. Log Book

The log book should be presented to the service / repair engineer for completion during any attendance for the servicing or maintenance of your Folding Arm Awning.

Date	Description of Works	Engineers Signature	Customer Signature

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15. Guarantee

Awning

Please refer to your supplier for information about the guarantee. Please bear in mind that the following are excluded under the guarantee (this is not an exhaustive list):

- Damage due to improper and/or inefficient use of the products.
- Inadequate maintenance of the products.
- Normal wear and tear as a result of the use of the awning.
- Discoloration of the materials due to weather impacts.
- Damage caused by third parties or abnormal conditions such as fire, storm, wind and water damage.
- Batteries, fuses and/or bulbs

The guarantee and the CE Declaration of Conformity will be null and void if changes are made to the awning that have not been carried out by the manufacturer.

No claims can be made at any time for damage caused due to control failure when on automatic operation such as with timer switches or sun, sun & wind, vibration and/or rain sensors. The described automatic controls are only tools to increase ease of use and safety. If you leave the control of your products to automatic mode without supervision, it will be entirely at your own risk.

Fabric

The fabrics in the standard range are woven from solution dyed SUNACRYL acrylic fibre for top quality. However it could happen that you note some minor imperfections after the installation of your awning. A slight embossing, some veining, small folds along the stitching, in the centre of the fabrics or possibly some overlapping could appear. These irregularities are inherent in the nature of acrylic fibre and have no effect on the performance of your cover. Your installer can in no way be held responsible for these slight imperfections.

Veining

Subsequent to handling during sewing, fabrication and assembly, acrylic fabrics treated with resins containing fluoride may present "veining" visible against sunlight and due to an optical effect (differences in the refraction of light)

Folds/Wrinkles

When rolling the cover, folds may be produced in the centre or along the stitching.

Waves

Different wrapping thickness occur on the fabric rolls where the hems and seams of the panels are because there are two layers of fabric in these places. The tension in the material created this way, may produce waves (for example a waffle or herringbone pattern).

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