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instruction manual
for use
and maintenance



All information contained in this document was provided by the manufacturer of the components of this model. As a fabricator, Retractableawnings.com claims no liability with respect to these documents as we are not engineers and did not complete any of the information, engineering or calculations in this document.

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1 Introduction

This manual is an integral part of the **Parma** awning and is intended for its user. It is an essential tool for proper use and maintenance of the product. It is prohibited to remove, rewrite or in any way modify the pages of the manual and their content.

This manual must be kept complete in all its parts in an easily accessible place until disposal of the awning. If the manual is lost or destroyed, the client must request a new copy, providing the main product data and the destination of the new copy.

The manufacturer reserves the right to update products and corresponding manuals without the obligation to update previous products and manuals.

The manufacturer reserves all rights on this manual. It may not be reproduced in any way, wholly or in part, without the manufacturer's written authorization.

Any tampering or modification to the product without the proper authorization of the manufacturer relieves the manufacturer of any liability for damage which may arise.

1.1 Symbols used in the manual

The WARNING symbols used in the manual are shown below.



INFORMATION AND PRECAUTIONS

Instructions and useful advice to ensure proper use and conservation of the curtain. Failure to observe these messages may compromise the integrity and/or the resistance of the product.



ATTENTION

DANGER TO OPERATOR! Instructions to be evaluated and followed carefully. Failure to comply with these messages may compromise individual safety.

2 Safety

2.1 General safety information

- In the case of a motorized awning, it is opened and closed by pressing a switch and/or through the use of a radio remote control. Both of them must be kept OUT OF THE REACH OF CHILDREN.
- Make sure that when opening/closing the awning, there are no individuals within its range of action.
- Do not set objects on the canvas of the awning.
- It is prohibited to stand on or hang from the awning. This would create the risk of severe personal injury, as well as damaging the awning.
- If you have any doubts, contact the retailer BEFORE using the awning.
- The user must not undertake on his own initiative any sort of work on the awning which are not his responsibility (see chap. 3.2 on intended use and place of use and Chap. 6 on maintenance).
- Any tampering or modification without the authorization of the manufacturer relieves the manufacturer of any liability for damage which may arise.
- The user is required to inform the retailer promptly if he discovers any defects and/or malfunctions in the safety devices or if any hazardous situation should occur.
- All cleaning and maintenance must be performed with the electrical power supply disconnected.
- Installation, first start-up, adjustment and special maintenance must only be carried out by specialized technical personnel who are qualified for those duties. Contact technical service.

2.2 · Residual risks

DANGER OF CRUSHING OF FINGERS/UPPER LIMBS in the closing and opening phase of the awning.

3 Description of the awning

The **Parma** drop-down awning can be installed on the wall or ceiling.



ATTENTION

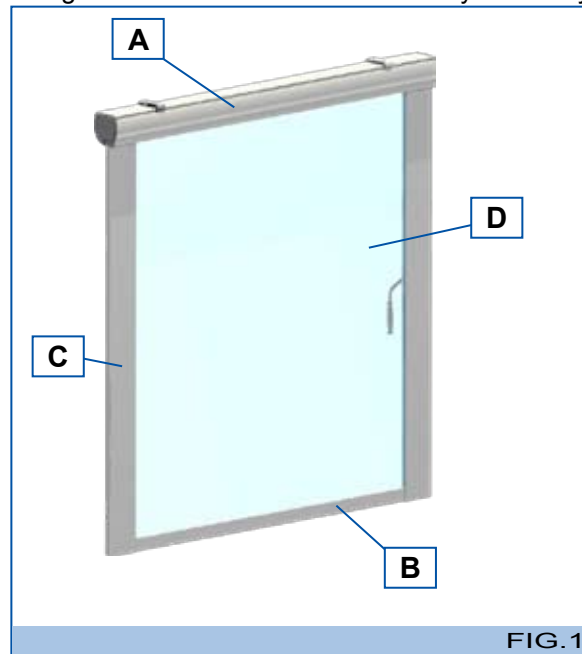
Operation with the winch is advisable. If there is a motor, remove the locking bolts.

3.1 · Components

The awning is composed of a metallic structure and a canvas.

- **Metallic structure:** this is the load bearing frame which contains the various mechanisms for opening and closing the awning. It is composed of a box (A), an end profile (B), two guides on aluminium profile (C) and a roller tube.
- **Canvas (D):** acts to cover and protect the awning.

The construction materials ensure good resistance to wear caused by use or by atmospheric agents.



3.2 · Intended use and place of use

The purpose of the awning is to offer protection against sunlight, but it can also be used to provide protection from wind and rain. The product, with pre-fixed installation, is intended exclusively for up and down movement of the fabric for reaching and remaining in the maximum open and closed position and possibly intermediated ones.

The awning must only be used as described above, even if packaged in waterproof canvases or in PVC. The awning may be used by non-professional operators provided they are **adults**.



ATTENTION

Any use other than the aforementioned IS PROHIBITED, since the operating conditions may create hazards for individuals.

IT IS PROHIBITED to use the awning as a support base for objects and/or to support people.

Improper use resolves the manufacturer of any damage caused to persons or property. **Failure to comply with the conditions of use automatically voids any type of guarantee provided by the manufacturer.**

! ATTENTION

IT IS PROHIBITED to install the motorized product in an explosive atmosphere.

i INFORMATION AND PRECAUTIONS

Operation in freezing conditions may damage the awning!

If there is an opening/closing switch (only with a motorized awning), it must be located in a protected position at a height of at least 1500 mm above ground level and in a safe place.

! ATTENTION

**Use a locking switch (with key) if the awning is installed in sensitive locations such as schools, boarding schools, hospitals, retirement homes, etc.
If the awning is equipped with a radio remote control, keep it out of the reach of children.**

The radio remote control can also be used outdoors, provided the system has a degree of protection of IP55. The space available at the time of installation must take into account the range of movement and allow opening of the awning to its full extension.

! ATTENTION

It is prohibited to install or place ladders or any fixed object near the awning that may reduce the space required by the awning.

3.3 · Technical data

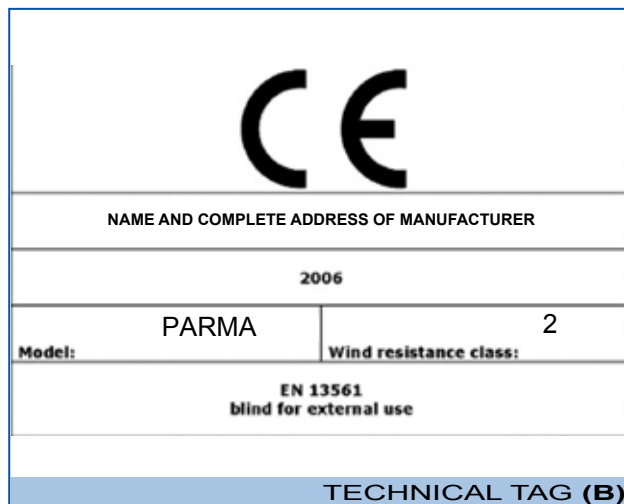
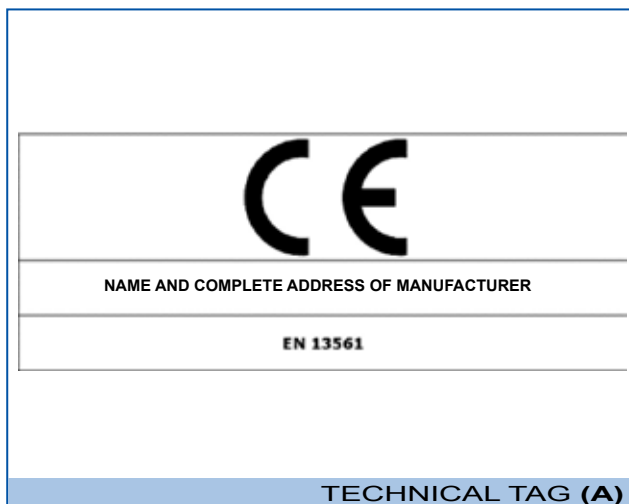
Max. dimensions and weight		
	(with acrylic fabric)	
Width (cm)	400	400
Height (with awning open) (cm)	300	250
Approx. weight (kg)	45	45
Roller tube Ø (mm)	60	70
Wind resistance (in maximum size)		
Class according to EN 13561	2	2
Static pressure (N/m ²)	70	70
Motor (if present)		
Type	see the manual for the installed motor	see the manual for the installed motor
Characteristics	EC marked; homologated for awnings	EC marked; homologated for awnings

3.4 · Technical tag

The technical tag **(A)**, which provides information on the manufacturer, is usually located inside the terminal profile.

The technical tag **(B)**, which provides the main data and features of the product, is generally provided with the commercial documentation.





4 Transport and installation of the awning

4.1 Transport of the awning

Shipping and handling are the responsibility of the dealer and/or the manufacturer, who shall ship the product using packaging that suitably protects the product until it is delivered to the client.

Damage to the product caused by disassembly of the awning and subsequent shipping and/or handling are not covered by the guarantee.

The packaging materials must be disposed of and/or recycled in compliance with current standards in the nation where the product is to be used.

4.2 Awning installation

! ATTENTION

The assembly of the components, installation and commissioning of the product must be performed only by authorized, qualified technicians, and are the responsibility of the retailer and/or of the manufacturer.

All instructions and the main safety standards to perform these operations are described in the “Assembly Manual” and in the “Installer’s Manual”.

The position selected by the user for installation of the product must ensure adequate capacity and the space to open the awning all the way (see “Installer’s manual”).

5 Use of the awning

! ATTENTION

Before you operate the awning, carefully read Chapter 2 on safety and Chapter 3.2 on the intended use and location of use.

! ATTENTION

Make sure that when opening/closing the awning, there are no individuals within its range of action.

- Use the awning only as protection from the sun and for the purposes set forth in this manual in Chapter 3.2 on intended use.
- It is severely prohibited to climb or hang/lean objects on the awning.
- Clean mould by cleaning the fabric as set forth in Chap. 6.2 on cleaning the equipment.

! ATTENTION

The awning must always be opened from the top down and never vice versa. Danger of breakage of awning and resulting risk of serious personal injury.

In the event of malfunctions, contact the dealer.

MANUAL AWNING

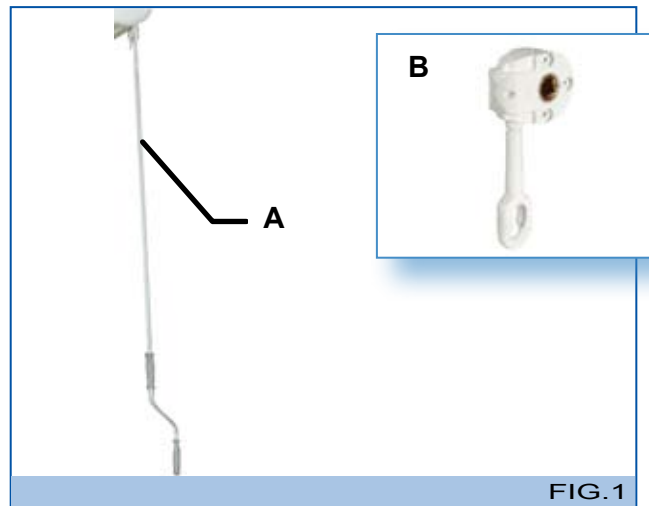
The awning is opened and closed using the manoeuvre rod (A) and a winch (B).

MOTORIZED AWNING

The awning can be opened and closed using:

- a SWITCH, installed near the awning and in a position that gives the user complete visibility of its movements. If located outdoors, the switch must be properly protected;
- a RADIO REMOTE CONTROL, portable or wall-mounted.

The characteristics and operation of these systems are described in the enclosed manuals for the motor, automations and required controls.



! ATTENTION

Once the awning is completely open, fasten the bolts in the guides and turn the manoeuvre rod to wind the canvas and then tighten it. When the awning is rolled up, remember to release the locking bolts.

6 Maintenance of the awning

! ATTENTION

All cleaning and maintenance must be performed with the electrical power supply disconnected.

Before operating the awning, carefully read Chapter 2 on safety.

Installation, first start-up, adjustment and special maintenance must only be carried out by specialized technical personnel who are qualified for those duties. Contact technical service.

6.1 Troubleshooting table

! ATTENTION

In case of problems or troubleshooting, comply with safety instructions. Especially when troubleshooting or making repairs on the electrical part, there is the danger of electrocution. MAINTENANCE ON ELECTRICAL PARTS MUST ONLY BE PERFORMED BY QUALIFIED PERSONNEL.

If any problems arise that are not included in the following tables, contact technical service.

MANUAL AWNING

PROBLEMS	CAUSES	SOLUTIONS
Conical rolling of canvas	Incorrect symmetry of arms	Contact the service centre
	Uneven fabric thickness	Roll the canvass all the way back up

MOTORIZED AWNING

Without electronic control unit

PROBLEMS	CAUSES	SOLUTIONS
Conical rolling of canvas	Incorrect symmetry of arms	Contact the service centre
	Uneven fabric thickness	Roll the canvass all the way back up
The awning does not roll up all the way. The awning does not open up all the way.	Incorrect adjustment of limit switch	Contact the service centre
	Movement of motor crown during operation	Contact the service centre
The motor is very noisy	Incorrect wiring	Contact the service centre
	Motor defective	Contact the service centre
The motor shuts down after 4-5 minutes of continuous operation	Thermal protection of motor trips	Let the motor cool off for a few minutes

With electronic control unit

PROBLEMS	CAUSES	SOLUTIONS
The awning does not move	Fuse blown	Contact the service centre
	Incorrect wiring	Contact the service centre
The awning moves in jerks (moves for 50 cm, stops, etc.)	Faulty wind gauge	Contact the service centre
The awning does not roll up in high winds.	Fuse blown	Contact the service centre
	Faulty wind gauge	Contact the service centre
The awning does not roll up in heavy rain.	Fuse blown	Contact the service centre
	Rain gauge defective	Contact the service centre
With the radio remote control, the awning does not open or close by itself.	Battery dead	Replace battery in radio remote control (see instructions concerning controls)

6.2 · Cleaning the awning

! ATTENTION

All cleaning and maintenance must be performed with the electrical power supply disconnected.

The canvas must be cleaned to prevent the formation of mould caused by dust and other materials which deposit on the canvas. It can be performed using a vacuum cleaner, or with a damp sponge or cloth and lukewarm water. Dry the canvas after use.

Cleaning with ladders, scaffolding and so forth is to be performed only by specialized personnel. They must comply with safety standards and use individual safety gear such as safety harnesses with ropes.



! ATTENTION

Do not use solvents, ammonia, or hydrocarbons.

6.3 · Routine maintenance

! ATTENTION

All cleaning and maintenance must be performed with the electrical power supply disconnected.

The operations described hereunder, if performed as scheduled, will keep the product in good condition.

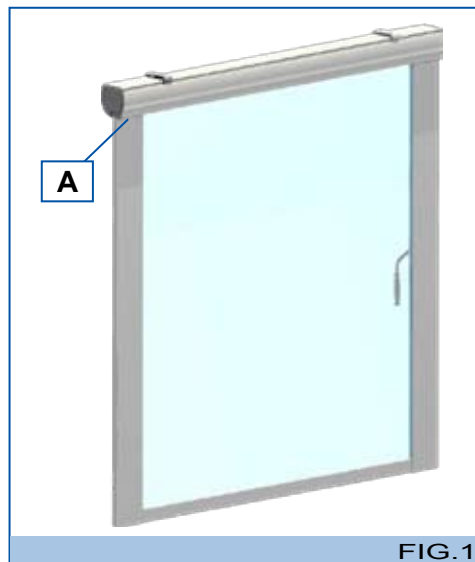
Twice a year, before and after summer use

The canvas must be inspected for tears or breaks in the stitching. Do this in the spring, prior to summer use, and in the autumn, prior to winter closing.

Yearly, prior to summer use

Lubricate the moving parts with silicon lubricating oil:

- The cap located in the part opposite the control (motor or winch-manoevre rod) (A).



6.4 · Special maintenance

It is obligatory to request special maintenance from technical service every **two years**. If this is not done, the guarantee is automatically voided.

! ATTENTION

All special maintenance must be carried out by professionally qualified, trained personnel. Request specialized assistance from technical service.

See the instructions on assembly, installation and commissioning if it is necessary to disassemble the awning or parts thereof.

Use original spare parts; otherwise, the guarantee will no longer be valid.

Request spare parts from your dealer.

7 Disassembly and disposal of the awning



ATTENTION

The awning must be disassembled by trained, qualified personnel. Request specialized assistance from technical service.

The operations are to be performed with the awning completely folded up.

Cut off the power supply to the system, disconnect the system down the line from the disconnecting switch, disconnect the motor, tie the arms to the guides, release the supports and remove the awning from the supports.

The awning is not made of materials that are considered hazardous. There are no special requirements for scrapping it or disposing of it.

Comply with the standards in effect at the moment of decommissioning the awning when disposing of it.



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Manufacturers Association



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