



## Pergotenda® Exyl Freestanding

Manuale utente

User manual

Benutzerhandbuch

Manuel utilisateur

Manual del usuario

0 - 02.2013 Cod. **05107**

**Corradi**  
OUTDOOR LIVING SPACE

**GENTILE CLIENTE,**

grazie per aver scelto un prodotto Corradi. In questo Manuale Utente sono illustrate le caratteristiche tecniche dei componenti e la manutenzione necessaria a Exyl Freestanding per essere sempre il luogo ideale in cui trascorrere i tuoi momenti di relax all'aria aperta. Il Manuale è la guida di riferimento per il mantenimento di Exyl Freestanding , ti raccomandiamo quindi di leggerlo attentamente in ogni sua parte e di conservarlo, ricordando che il buon funzionamento di Exyl Freestanding , e quindi anche la tua sicurezza, è garantita solo alle condizioni riportate nelle pagine seguenti.

Corradi Spa  
Alberto Corradi

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**INDICE**

Avvertenze e precauzioni	2
Come si manovra Exyl Freestanding	3
Versioni e motorizzazioni	4
Exyl Freestanding 2 guide	5
Exyl Freestanding 3 guide	6
Exyl Freestanding 4 guide	7
Risoluzione dei problemi con comando elettrico	8
Caratteristiche prodotti	9
Manutenzione	13
Tabelle	14
Garanzia	16
Marcatura CE	18
Dichiarazione di conformità	19
Regolazione comandi (interventi a carico di un tecnico specializzato)	20

**DEAR CLIENT,**

Thank you for having chosen a Corradi product. This User Manual illustrates the technical characteristics of the components and the maintenance required to ensure that Exyl Freestanding remains the ideal place in which to pass your moments of relaxation in the open air.

The Manual is the reference guide for the proper maintenance of Exyl Freestanding and we recommend that you read it carefully and conserve it for future use, reminding you that the correct operation of Exyl Freestanding, and therefore your safety, is only guaranteed at the conditions detailed in the following pages.

Corradi Spa  
Alberto Corradi

*N.B. Corradi Spa reserves the right to modify its products at any time, at its own discretion and without prior warning. Any modifications brought about by the end user or technicians not authorised by Corradi Spa (tampering, technical modifications, etc.) to Exyl Freestanding or its components during the warranty period, will render the warranty void immediately; in this case and these conditions Corradi Spa is excluded of all responsibility and any direct or indirect consequential obligation.*

**INDEX**

Warnings and precautions	24
How to control Exyl Freestanding	25
Versions and motorisations	26
Exyl Freestanding with 2 runners	27
Exyl Freestanding with 3 runners	28
Exyl Freestanding with 4 runners	29
Resolution of problems with the electric drive mechanism	30
Products features	31
Maintenance	35
Tables	36
Warranty	38
CE Marking	40
Declaration of conformity	41
Adjusting the commands (intervention done by a qualified technician)	42

# WARNINGS AND PRECAUTIONS

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## PRELIMINARY CHECKS

When you receive the packaged goods, if assembly is not to be carried out by the dealer, check that all materials are intact and that no parts are missing.

If you should have any problems, contact the authorised dealer.

## DISPOSING OF PACKAGING

Separate the various packaging materials into their different categories (cardboard, nylon, polystyrene, etc.) and dispose of them as local regulations require.

## GENERAL WARNINGS

Before carrying out any assembly or maintenance work or cleaning, make sure that you have understood the instructions in this manual.

All Corradi products have a specific function as described in this manual; any use that is improper or different from the one foreseen, the use of parts that are not genuine, tampering and/or unauthorised technical modification will free Corradi Spa from any responsibility for damage to persons, animals or things.

Installers (fitters and electricians) must have specific expertise as well as the attitudinal and the physical and mental requirements to be able to carry out their tasks; they must also respect the safety regulations in force.

## SAFETY PRECAUTIONS

It is good practice to remember that moving parts can be a hazard.

During all maintenance and repair operations or product registration, the electric supply must always be disconnected. It is also advisable to place a warning sign over the mains supply switch with the following phrase:  
"DO NOT TOUCH: work in progress".

Check that no one is near the awning before turning it on again after maintenance work. After maintenance, always make sure that manual and electric drives are properly assembled and that they work correctly; should you encounter any problems stop the awning immediately and contact Corradi Spa's technical assistance department.

A working height of  $< 2.50$  m can generate a risk of shearing/crushing between the moving part (front terminal tube) and the fixed part of the structure.

The person starting the manoeuvre MUST be present until the end of the manoeuvre to ensure that no obstacles or persons are in the proximity of the potential hazard zone; alternatively the electric drive can be installed as described on the next page.

## DEMOLITION

On demolition, the parts should be sorted into plastic material and electric components, which must be disposed of separately in accordance with the regulations in force.

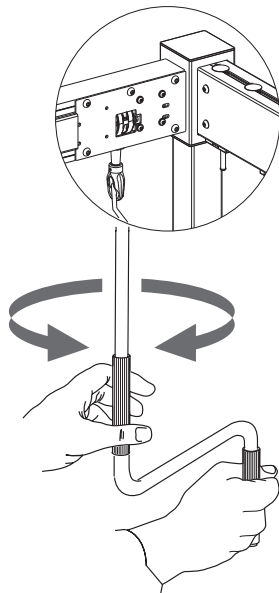
The awning's metal parts only need to be divided into steel parts and those made of other metals and alloys, in order to be forwarded to be melted down and recycled.

## Exyl Freestanding

is designed and manufactured to customer specifications, to protect from the sun and/or inclement weather, snowfall excluded; the structure is completely self-supporting and may be used in winds of up to class 8 on the Beaufort scale, as indicated in table 2.

## MANUAL CONTROL

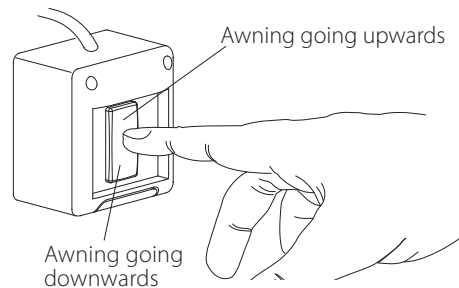
If the Exyl Freestanding is fitted with manual drive, to open and close the canvas, insert the winding handle in the seat of the gearbox and turn clockwise (to raise the canvas) or anti-clockwise (to lower the canvas).



## ELECTRIC COMMAND

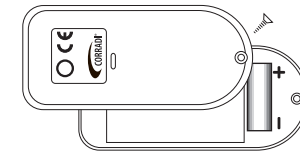
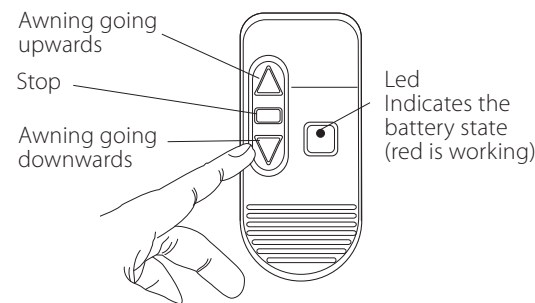
In case of Exyl Freestanding with a wall-switch, push the switch in the low area in order to move the awning downwards, push it in the up area to move the awning upwards. Once you release the switch the awning will stop.

The drive must be installed between 90 and 120 cm off the ground.



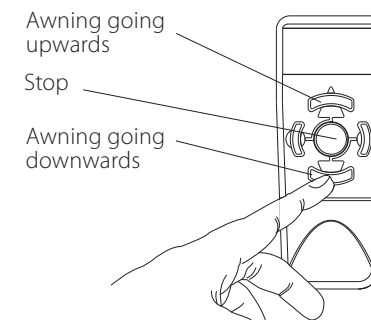
## RADIO CONTROL

In case of Exyl Freestanding with a radiocontrol, use the respective switches to move the awning upwards, downwards or to stop it (see fig.).



## Replacing radio control 1 battery

In order to replace the battery remove the screw on the back of the radiocontrol and replace the batteries with a similar model (**alkaline 12 Vdc mod. 23 A**).



## Replacing radio control 2 battery

This transmitter is powered by a CR2032 type 3 Volt battery. To replace it, open the plate on the back and remove the flat battery, then replace it with a new one, ensuring the polarity is correct. Reposition the plate.

**Attention: do not invert polarity.**

**Attention: do not use an incorrect battery type.**

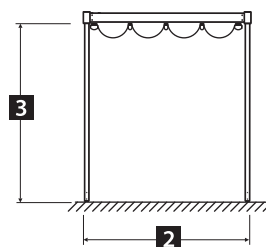
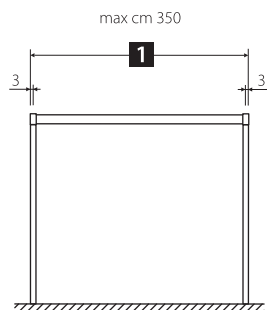
**Risk of explosion if the battery is replaced with a model different from that specified.**

**Dispose of the used battery in the appropriate containers.**

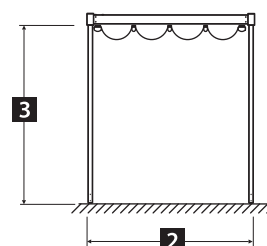
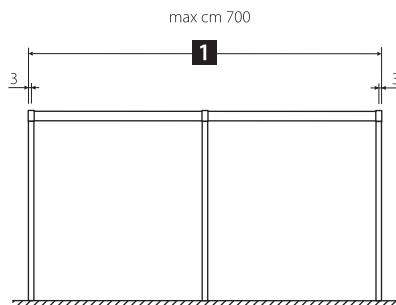
# VERSIONS AND MOTORISATIONS

- 1** WIDTH
- 2** PROJECTION
- 3** WORKING HEIGHT

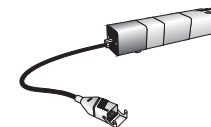
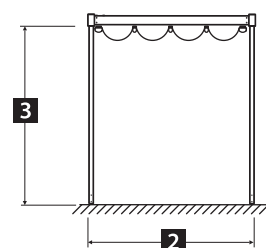
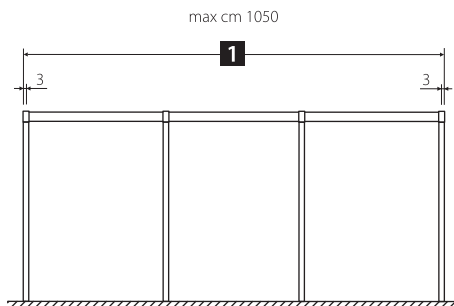
## EXYL FREESTANDING 2 RUNNERS



## EXYL FREESTANDING 3 RUNNERS



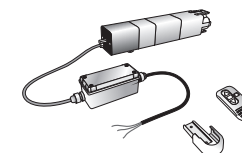
## EXYL FREESTANDING 4 RUNNERS



### ELECTRIC DRIVE TYPE 1

PLAN motor

220 volt / 218 watt motor reducer complete with limit switch.  
Required for 2, 3 or 4 runner awning, flat version, where the awning remains slack, or for the taut, tilted version, with a maximum projection of 350 cm.

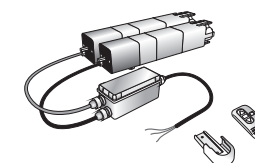


### ELECTRIC DRIVE TYPE 2

SLOPE motor

remote computing system exchange MONO

220 volt / 218 watt motor reducer with microchip canvas tension controlled and a radio command (433.92 MHz). Required for a 2 or 3 - runner awning, tilted version, which guarantees constant correct tension despite changes in fabric properties caused by differing environmental circumstances.



### ELECTRIC DRIVE TYPE 3

SLOPE motor 1 (command)

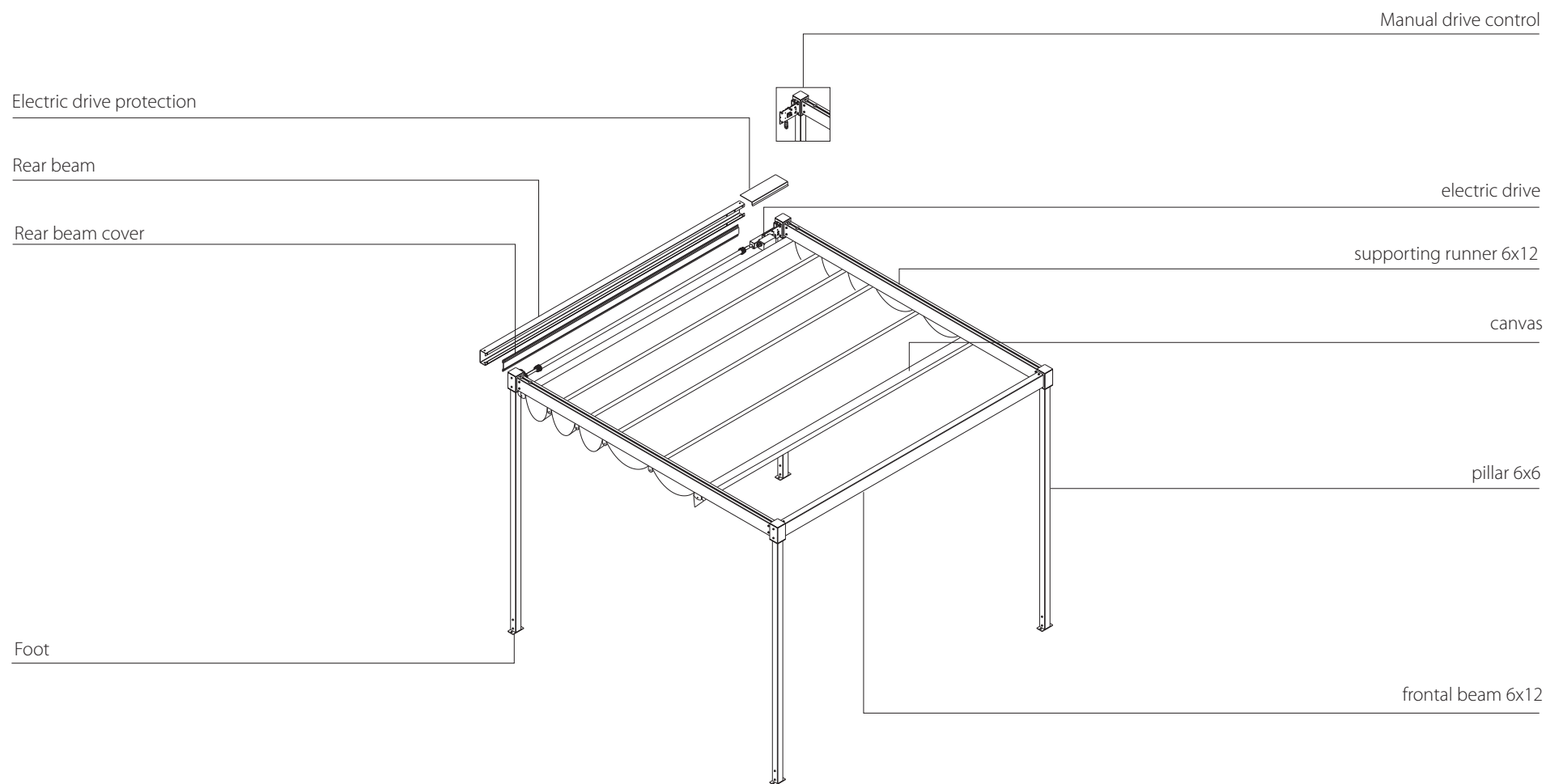
PLUS motor 2

remote computing system exchange TANDEM

220 volt / 218 watt + 218 watt motor reducer with a microchip that powers 2 motors and controls the canvas tension, a radio command (433,92 MHz) with 2 channel emitter. Required for a 4 runner awning, tilted version, which guarantees constant correct tension despite changes in fabric properties caused by differing environmental circumstances.



# EXYL FREESTANDING 2 RUNNERS



## ELECTRIC DRIVE TYPE 1

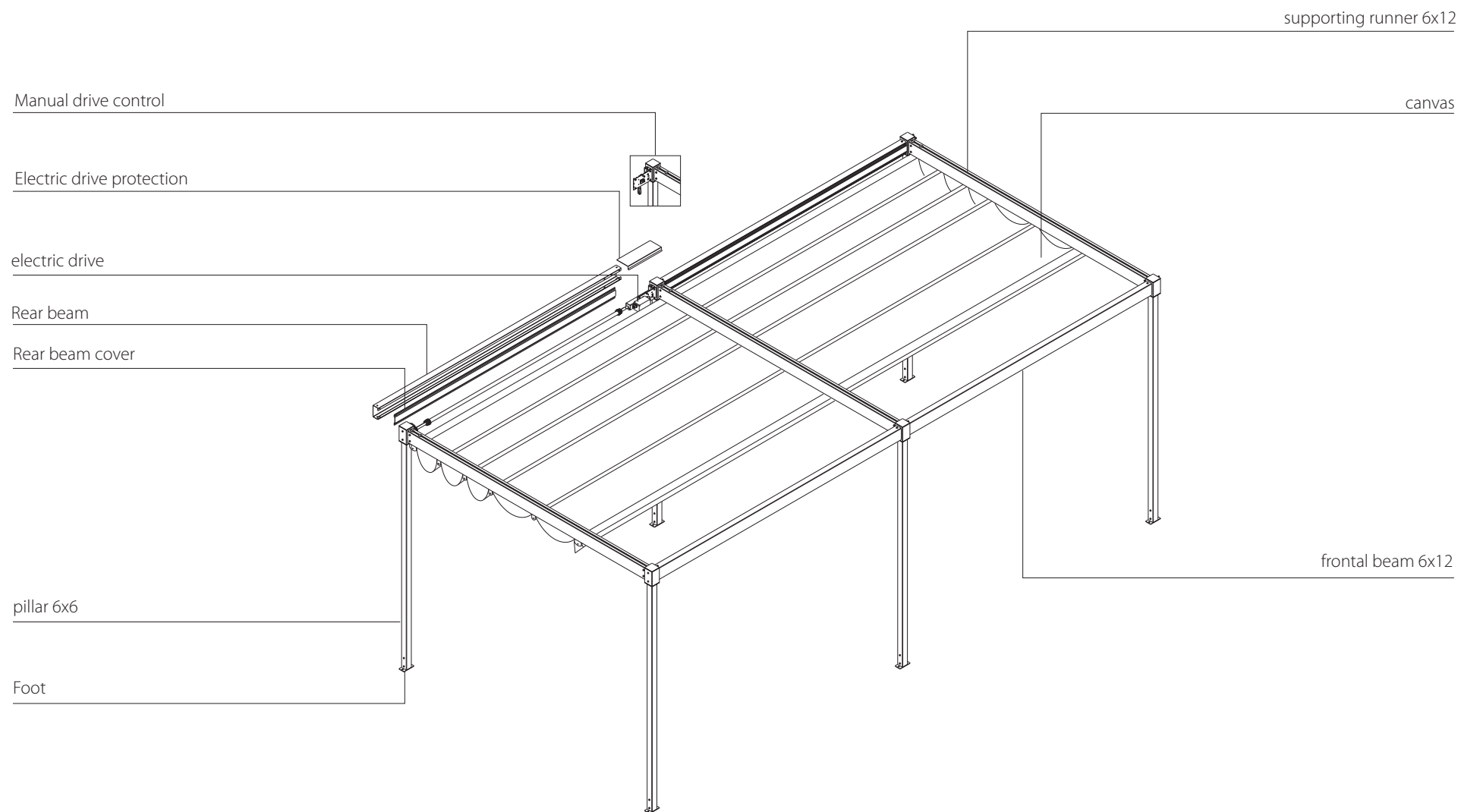
00775-1 PLAN Motor reducer

## ELECTRIC DRIVE TYPE 2

00775-2 SLOPE Motor reducer

00749 MONO Exchange

# EXYL FREESTANDING 3 RUNNERS

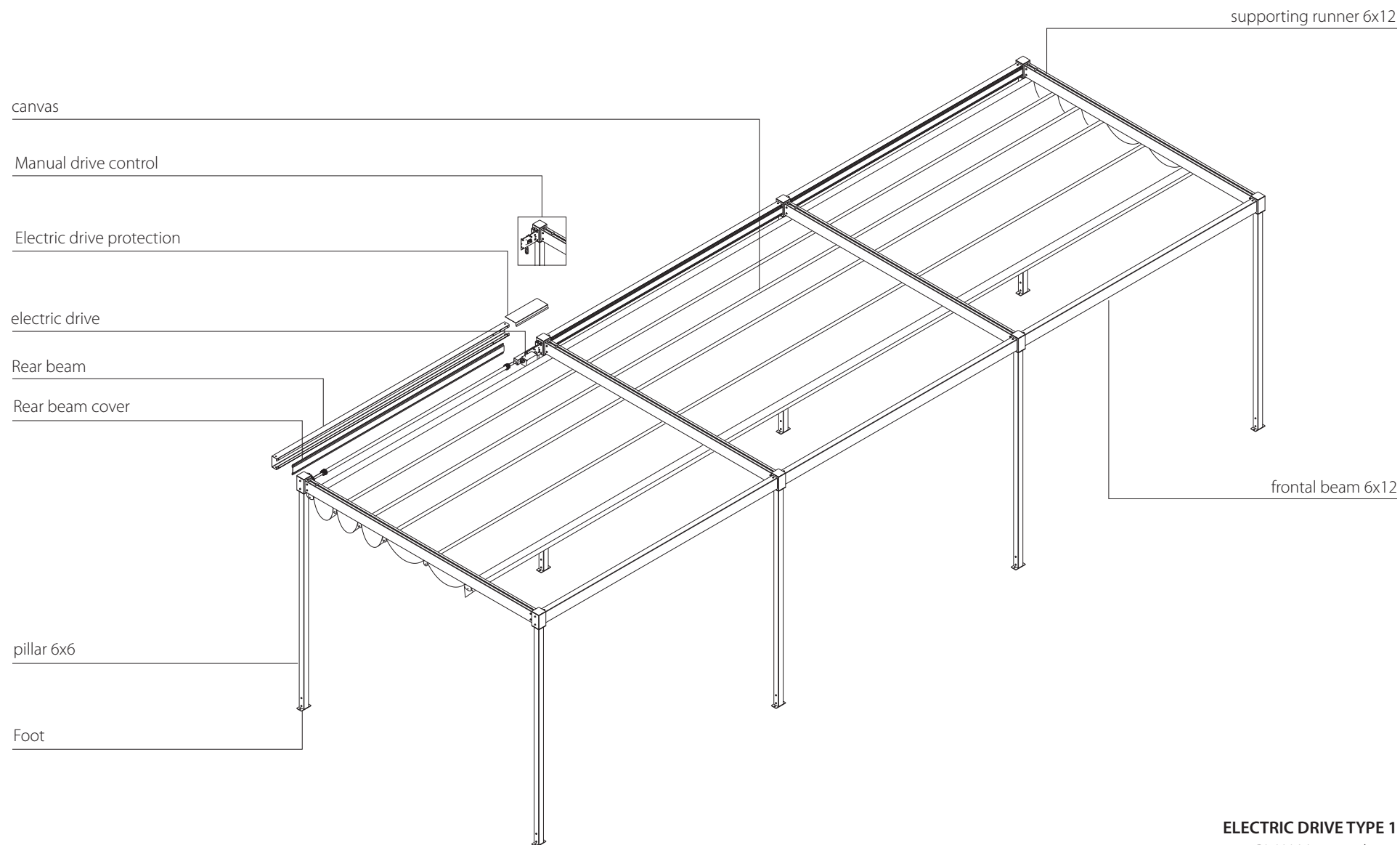


**ELECTRIC DRIVE TYPE 1**  
00775-1 PLAN Motor reducer

**ELECTRIC DRIVE TYPE 1**  
00775-1 PLAN Motor reducer



# EXYL FREESTANDING 4 RUNNERS



## ELECTRIC DRIVE TYPE 1

00775-1 PLAN Motor reducer

# RESOLUTION OF PROBLEMS WITH THE ELECTRIC DRIVE MECHANISM

	PROBLEM	CAUSE	CHECKS AND SOLUTIONS
<b>Exyl Freestanding</b> With remote computing system exchange	The motor won't start.	There is no electricity.	Check the electric current.
		It is not plugged in.	Check that the plug is correctly connected to a suitable socket.
		The motor has overheated and the led on the control panel is lit.	Wait 5-10 minutes to allow the motor to cool down. If the problem persist check the limit switch.
		Depleted remote control batteries.	Change the remote battery.
		Broken fuse.	Open the control panel and change the fuse.
	The motor starts but the awning won't move.	Possibly broken belts, or disconnection from drive shaft.	Contact dealer.
	The awning moves erratically.	Dirty runners, runners not properly aligned.	Clean the runners. Follow instructions in chapter on maintenance. Realign the runners.
<b>Exyl Freestanding</b> Without remote computing system exchange	The motor won't start.	There is no electricity.	Check the electric current.
		It is not plugged in.	Check that the plug is correctly connected to a suitable socket.
		The motor has overheated.	Wait 5-10 minutes to allow the motor to cool down. If the problem persist check the limit switch.
		Problem setting the limit switch.	Set the limit switch.
	The motor starts but the awning won't move.	Possibly broken belts, or disconnection from drive shaft.	Contact dealer.
	The awning moves erratically.	Dirty runners, runners not properly aligned.	Clean the runners. Follow instructions in chapter on maintenance. Realign the runners.

## DEAR CUSTOMER,

Thank you for choosing a Corradi product.

We invite you to look at the table below, which shows the characteristics of components and materials used in Corradi Group products: Pergotenda®, sail awnings, outdoor furniture.

These features identify the materials' peculiarities and shouldn't be considered as manufacturing imperfections.

We take this opportunity to underline that, to enter in our production cycle, materials must pass all the tests scheduled by our company quality system, according to UNI EN ISO 9001:2000 Certification.

Thank you for your attention,

*Corradi SPA*

	PRODUCT FEATURES	NON COMPLIANCE/ DEFAULT	WARNINGS
<b>GENERAL</b>			Defaults have to be reported within 8 days starting on installation date on the customer's site (point of reference is the date indicated on the declaration of correct installation issued to the end user by the installer). See general sales term.
	The structure is not watertight. In case of particularly violent storms with strong winds water seepage may occur.		
	In the event the wind value indicated on the correct laying declaration is exceeded, the awning must be folded up. A suitably calibrated anemometer may be used.		
	The product does not guarantee the snow load. In presence of snow, even of low intensity, the canvas should be closed.		
	To have your product warranty the certificate of proper installation is MANDATORY. A copy must be given to the final customer and a copy shall be sent to Corradi SpA. The reception of the duly completed certificate will activate the product warranty.		
	Any change to the product not expressly authorized by Corradi SpA leads to loss of warranty.		
	The structures that are located in an urban environment are subject to pollutants (smog, acid rain), smoke from chimneys, fumes from cooking, and weather in general. It is normal for the fabric and the structure to get dirty. The structures and the fabric are NOT self-cleaning.		
<b>SELF-SUP-PORTING</b>	By applying a lateral load on the pillar an oscillation in the structure may occur. This movement is not a sign of structural weakness, but is considered normal for the type of structure. The structure has been calculated by qualified engineers using the Eurocodes and is guaranteed to wind up to the level indicated in the EC certificate and in the Declaration of correct installation.		

# PRODUCTS FEATURES

	PRODUCT FEATURES	NON COMPLIANCE/ DEFAULT
<b>CANVAS</b>	Depending on the installation conditions, it is possible that the cloth gets dirty (pollutants, smoke from chimneys, smog, etc.). In this case it may be necessary to clean the fabric more frequently as indicated in the section maintenance.	
	The cloth is not immune from burns caused by cigarette butts, etc..	
	In particular situations of use of the structure, condensation may occur on the inside of the fabric. To limit this condition proceed with an adequate ventilation of the room.	
	The appearance of mold in the embossing of the fabric is due to the presence of moisture on the sheet that favors the formation of micro-organisms. It is therefore necessary to clean the fabric at regular intervals, more frequently if necessary.	
	The presence of folds on the fabric after the first installation may be due to packaging. It is necessary to keep the fabric in position for at least 10 days, and evaluate the quality of the product after this period of time.	The presence of folds on the fabric after 10 days has to be considered a default.
<b>FALSE CEILING</b>	In particular situations of use the structure may present condensation in the area between the canvas and the ceiling. This may cause dirt and / or mold in the intermediate zone. Remove the false ceiling and wash it.	
<b>GUTTER</b>	Periodically check that the drain pipes of the gutter and downspouts are clean. Discard leaves and other detritus that can clog the drain holes.	
	In case of very heavy rainfall it is possible that the gutter is not able to drain the water. This may cause water infiltrations.	
	The water-conducting to the ground may not be controlled by Corradi SpA, but by the final customer. The installation conditions, slopes and any collection wells, are the sole responsibility of the final customer.	
<b>LAMPS</b>	To maintain good efficiency in the seals, thereby ensuring the IP product protection level (shown in the manual), you must do the maintenance indicated in the manual.	
<b>WOOD</b>	WARNING: It is good to remember that any kind of wood type placed outside, and directly exposed to weather elements, may look "lived" even after a relatively short period of time. This manifests itself mainly with:	
	<ul style="list-style-type: none"> <li>• discoloration of the surface (the degradation varies depending on the moisture content to which the wood is subject)</li> </ul>	
	<ul style="list-style-type: none"> <li>• with the irregularity of the surface due to cyclic phenomena of swelling and shrinkage and possible mechanical wear of the surface.</li> </ul>	
	Since wood is a natural material, there are differences in color and grain and therefore all elements are different. Furthermore, depending on the viewing angle the aspect is quite different because of the iridescent nature of the material. The samples and photographic reproductions are thus regarded as indicative and not binding.	
		The detachment of a slat from the beams is considered a defect.

	PRODUCT FEATURES	NON COMPLIANCE/ DEFAULT
	The wood is placed under a protective treatment performed in autoclaving which allows a better resistance to attack by fungus and mold. This treatment is green (due to the salts used for impregnation), and is performed before painting the beams. The appearance of green stripes on the wood as a result of leaching of the paint finish by bad weather is normal in case of bright colors. In this case you must proceed with the maintenance as indicated in the manual.	
	The beams may present vertical stripes of different shades. This is normal and is due to stacking that occurs inside the autoclave during the impregnation treatment (the beams are spaced apart by transverse beams).	
	The presence of resin is a characteristic of coniferous wood.	
	A dimensional variation of wood products after exposure to moisture is normal. The reference humidity for the measuring is 12% (defined in the UNI EN390: 1997).	
<b>FLOOR</b>	The floor may dent in collisions or falling objects and the implementation of concentrated loads on a small area, such as chairs with wheels, high heels and ladders is not suitable.	
	The floor can scratch as a result of contact with small objects such as nails or stones present beneath the soles of shoes.	
	At the time of delivery, the floor may be different from that of the samples after exposure to light which causes a change in the wood color.	
<b>FURNITURE</b>	During the winter it should be protected from the weather. It should be cleaned before being sheltered for the winter.	
	If the furniture is used in a marine environment it should be washed periodically with fresh water to remove traces of salt.	
	Stainless steel features see STAINLESS STEEL voice	
<b>MOTORS</b>	Electrical system: it must be performed by a licensed electrician who shall issue a certificate of conformity of the electrical system.	
	The system has to have an appropriate degree of protection being installed outside. A licensed electrician is able to properly size the system and choose the right components (adequate IP protection).	
	Any voltage drop or radio interference may result in loss of the limit switches of the engines. In this case it is necessary to proceed with a new programming as indicated in the Manual.	
<b>STAINLESS STEEL</b>	The components in stainless steel (AISI 304) require no maintenance. The appearance of micro-oxidation, most frequently in maritime environments characterized by salt spray, does not affect the quality and durability of the product such oxidations are believed to be normal. In case you need to remove these oxidized points you can use a steel wool or a metal bristle brush (in stainless steel). The protective film of chromium oxide (autopassivation) will reset in a natural way with the only exposure to air, without any intervention by the user.	
<b>ALUMINIUM</b>	The presence of marks and scratches is considered a fault only if these are visible at a distance of 2 meters.	If the signs and/or dents are visible at a distance of 2 meters these are to be considered a defect.
	Do not use acid to clean the painted aluminum, but only mild soap and water.	
<b>FINISH</b>		Orange peel: the surface of the coating film has an uneven look like orange peel.
		Blistering: bumps on the surface of the coating film in various sizes and frequency.

## PRODUCTS FEATURES

	PRODUCT FEATURES	NON COMPLIANCE/ DEFAULT
		Sagging of the outer layer: localized and well defined irregular accumulations of coating products, in the form of rounded edges and shallow that affect the outer layer.
		Posting - Veneer: the coating film lifts from the substrate in form of small flakes.
		Porosity - Cissing: Small holes like craters or indentations in the surface of the coating film, ranging in size: from small pinhole up to a diameter of up to 1 cm.
		Impurities in the outer and inner layers: the coating film has a rough and irregular surface, easily perceptible to the touch.
		Scrapings for interference: the coating film is damaged and presents lesions of varying depth and extent depending on the cause.
<b>GLAZING</b>	For aluminum frames refer to the ALUMINIUM voice.	
<b>ERMETIKA</b>	The temperature inside the protection hood can reach very high values, if exposed to direct sunlight during the summer. This may result in bonding of the fabric if the awning is not handled for long periods. It is recommended to open and close the awning on a frequent basis to avoid this problem.	
	If the fabric is rolled up for long periods creases and wrinkles may appear on the fabric. The fabric is made of PVC and its nature is not comparable to a glass. It is necessary to keep the awning stretched for at least 48h to soften creases and wrinkles.	
	In case of installation in areas affected by dust and wind (e.g. beach facing the sea) it is possible that the fabric may be damaged losing the transparency due to the combined action of wind and sand.	
	To maintain a good efficiency on the awning and the locking device it is necessary to maintain the vertical runners clean as shown in the maintenance chapter.	
	Make sure there are no obstructions that may impede the orderly movement of the awning. This may cause malfunction of the locking devices of the awning.	
	If there is ice/snow runners should be cleaned thoroughly before operating the awning.	
<b>RUNNERS</b>	After some time from the installation and if no periodic maintenance is performed on the runners, as indicated in the manual, there may be noise in the runners and sliders.	Noise on the runners soon after the installation is considered a default.

## WARNING

During all maintenance and repair operations or product registration, the electric supply must always be disconnected. It is also advisable to place a warning sign over the mains supply switch with the following phrase: "DO NOT TOUCH: work in progress".

## INTRODUCTION

Exyl Freestanding is a unique product that offers the highest quality and longest lifespan thanks to its construction and the materials used. Routine maintenance is therefore minimal, thus allowing users to keep the product perfectly functional and attractive with just a few operations.

The few, simple rules to be followed are given below:

## RUNNERS

Once a year in normal conditions of use, or once a month when exposed to sea air, wash the inside of the runners with a jet of water and if possible use a brush to remove all traces of dirt and/or incrustated salt, as described in fig. 1.

Warning: the runners should never be lubricated under any circumstances.

## CANVAS

Canvas maintenance is limited to cleaning.

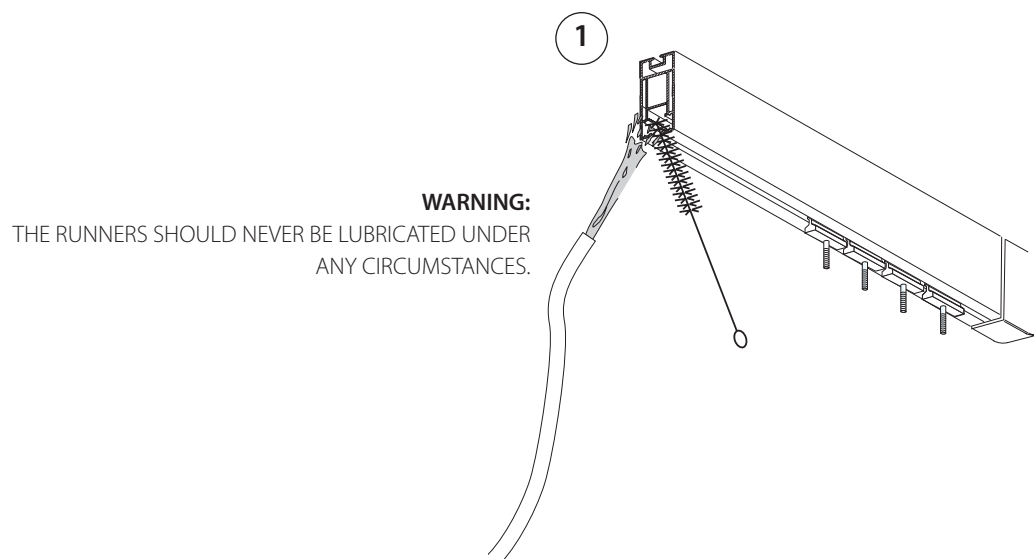
To keep the part exposed to the elements as good as new, wash it 2 or three times a year to avoid dust and smog from being deposited and hardened by the sun.

In order to wash the canvas, spray water and neutral detergent on it, leave the product to work for a few minutes and then use a sponge to remove dirt without applying mechanical pressure, repeat if necessary and rinse well.

## HARDWARE

The hardware is made of stainless steel. Once a year under normal conditions, or once a month if exposed to salinity, the hardware must be rinsed with a water jet to remove any trace of dirt and/or salt incrustation.

The appearance of small rust spots, more frequent in coastal areas with salt spray, does not jeopardise the quality and duration of the product; these spots are to be considered as normal. Should you wish to remove the rust spots, use a scouring pad or metal bristle brush (stainless steel). The protective film of chromium oxide (self-passivation) will restore itself naturally when exposed to the air, without the need for any intervention by the user.





# TABLES

**1 - STRENGTH AND EFFECTS OF WIND ON BEAUFORT SCALE**

<i>Degree</i>	<i>Class*</i>	<i>Load (N/mq)</i>	<i>Knots</i>	<i>Km/h</i>	<i>m/s</i>	<i>Envir. conditions</i>	<i>Effects of wind</i>
0	0	< 40	0-1	0-1	< 0,3	Calm	Smoke rises vertically
1	0	< 40	1-3	1-5	0,3-1,5	Light air	Direction of wind shown by smoke drift, but not by weather vanes
2	0	< 40	4-6	6-11	1,6-3,3	Light breeze	Wind felt on face, ordinary vanes moved by wind
3	0	< 40	7-10	12-19	3,4-5,4	Gentle breeze	Leaves and small twigs in constant motion
4	1	40	11-16	20-28	5,5-7,9	Moderate breeze	Raises dust and loose paper; small branches are moved
5	2	70	17-21	29-38	8-10,7	Fresh breeze	Small trees begin to sway
6	3	110	22-27	39-49	10,8-13,8	Strong breeze	Large branches in motion; umbrellas used with difficulty
7	> 3	> 110	28-33	50-61	13,9-17,1	Strong wind	Whole trees in motion; inconvenience felt when walking against wind
8	> 3	> 110	34-40	62-74	17,2-20,7	Fresh gale	Branches break off trees; generally impedes progress
9	> 3	> 110	41-47	75-88	20,8-24,4	Strong gale	Tiles come off roofs
10	> 3	> 110	48-55	89-102	24,5-28,4	Whole gale	Trees uprooted
11	> 3	> 110	56-63	103-117	28,5-32,6	Storm	Serious damage to buildings
12	> 3	> 110	>64	>118	> 32,7	Hurricane	Immense damage

*\* According to the UNI EN 13561 standard*

TABLE 2 - MAXIMUM DIMENSIONS (CM) AND WIND RESISTANCE

	WIDTH	HEIGHT	PROJECTION	BEAUFORT
<b>2 GUIDES</b>	350	300	600	8
<b>3 GUIDES</b>	700	300	600	6
<b>4 GUIDES</b>	1050	300	600	6

**N.B.**

All values are verified taking into account a "cantilever roof" structure (top cover only).

TABLE 3 - Maximum load in daN (1 daN ~ 1 kg) on individual dowel (considering 2 dowels per support) tensile and shear (not combined) for a maximum wind speed in accordance with TABLE 2.

EXYL FREESTANDING MODULE	LOAD ON ANCHOR (daN)			N° BOLTS FOR EACH SUPPORT
	Beaufort Class 8	Beaufort Class 6	Beaufort Class 6	
<b>2 runners</b>	300	300	300	2
<b>3 runners</b>	-	300	300	2
<b>4 runners</b>	-	300	300	2

# WARRANTY

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## **ART. 1 - USE:**

Exyl Freestanding is a pergola with retractable awning to cover outdoor areas such as gardens, balconies, rooftop gardens, yards, etc.

Exyl Freestanding and its components have been designed, patented and registered as trademarks by Corradi Spa - Bologna, Italy - and have been manufactured in accordance with applicable technical standards.

The warranties hereunder are valid if installation and use of the awning conform to the specifications indicated in the articles and tables below. Only the finest materials, suited to outdoor use, have been used in the manufacture of Exyl Freestanding components.

Exyl Freestanding is designed and manufactured to customer specifications, to protect from the sun and precipitations with a resistance to water accumulation over Class 2 (56 lt/hour x mq) of the UNI EN 13561, snowfall excluded and a wind resistance over Class 3 (49 km/hour) of the UNI EN 13561.

## **ART. 2 - VERSIONS:**

Exyl Freestanding TILTED VERSION must be fixed to a suitable supporting wall and may be used in winds of up to force 10 on the Beaufort scale as shown in table 1.

Exyl Freestanding FLAT VERSION must be fixed to a suitable supporting wall and may be used in winds of up to force 10 on the Beaufort scale as shown in table 1.

## **ART. 3 - LAYING:**

Exyl Freestanding must always be anchored to an adequate support structure (wall or ceiling). All the conditions indicated in the "maximum size, in Table 3" minimum slope "and in the tables of the loads given in the installation manual.

The retailer has to give the "User Manual" to the client.

## **ART. 4 - WARRANTY VALIDITY:**

The warranty is only valid if the installation and utilisation conditions as specified in art. 3 are observed.

The warranty covers the repair or entire replacement free of charge (labour excluded) of all components that may be non-conforming or faulty, including transport charges. Damage from non-enjoyment of Exyl Freestanding for any period of non-use before and during the repair shall not be covered.

No compensation may be claimed for "actual damages or lost profit".

The above mentioned warranty will be effective only in the state in which the retailer or the concessionaire has his own office.

## **ART. 5 - WARRANTY STARTING POINT:**

The warranty starts from the date on completion of works reported in the "Declaration of Correct Installation", of which a copy should be sent to Corradi, duly filled in all its parts and duly signed by the Final Customer and the Authorized Dealer.

## **ART. 6 - WARRANTY EXCLUSIONS:**

The warranty is not valid in the cases listed below, by way of illustrative and non-limiting example:

- a) For damage arising from impact or extraordinary natural events (lightning, flooding, earthquake, hail, etc.)
- b) For damage caused by the actions of persons or technicians not authorised by Corradi Spa;
- c) If the electrical voltage has a variation above or below 5% of the rated value (IEC standard 2-3 July 1988)

## **ART. 7 - DURATION OF WARRANTY:**

5 YEARS (five):

For the structure, the handling system and the ECLISSI fabric, excluding CRISTAL and VINITEX fabrics.

2 YEARS (two):

CRISTAL and VINITEX fabric for any outer fasteners (roll up canvases, sliding canvases, canvases with zippers, etc. The wind resistance of these components depends on the solution installed and will be certified, upon request, for each single installation.

## **ART. 8 - COMPLAINT**

According to art. 1495 sub-section 1 and 1511 sub-section 1 of the Civil Code, the customer may inform the retailer of any apparent fault found on the goods in writing only and no later than 8 (eight) days of receiving the goods. According to art. 1495 sub-section 1 of the Civil Code, the customer may inform the retailer of any non-apparent fault found on the goods in writing only and no later than 8 (eight) days of the discovery date, providing photographic proof of the fault. Both legal actions by the buyer towards the retailer become statute-barred one year after receiving/installing the goods (Art. 1495 sub-section 2).

According to art. 1512 of the Civil Code, the customer may inform the retailer of any operating fault in writing only and no later than 15 (fifteen) days of discovery under penalty of cancellation of the warranty.

The legal action by the buyer towards the retailer becomes statute-barred six months after discovery (Art. 1512 sub-section 1).

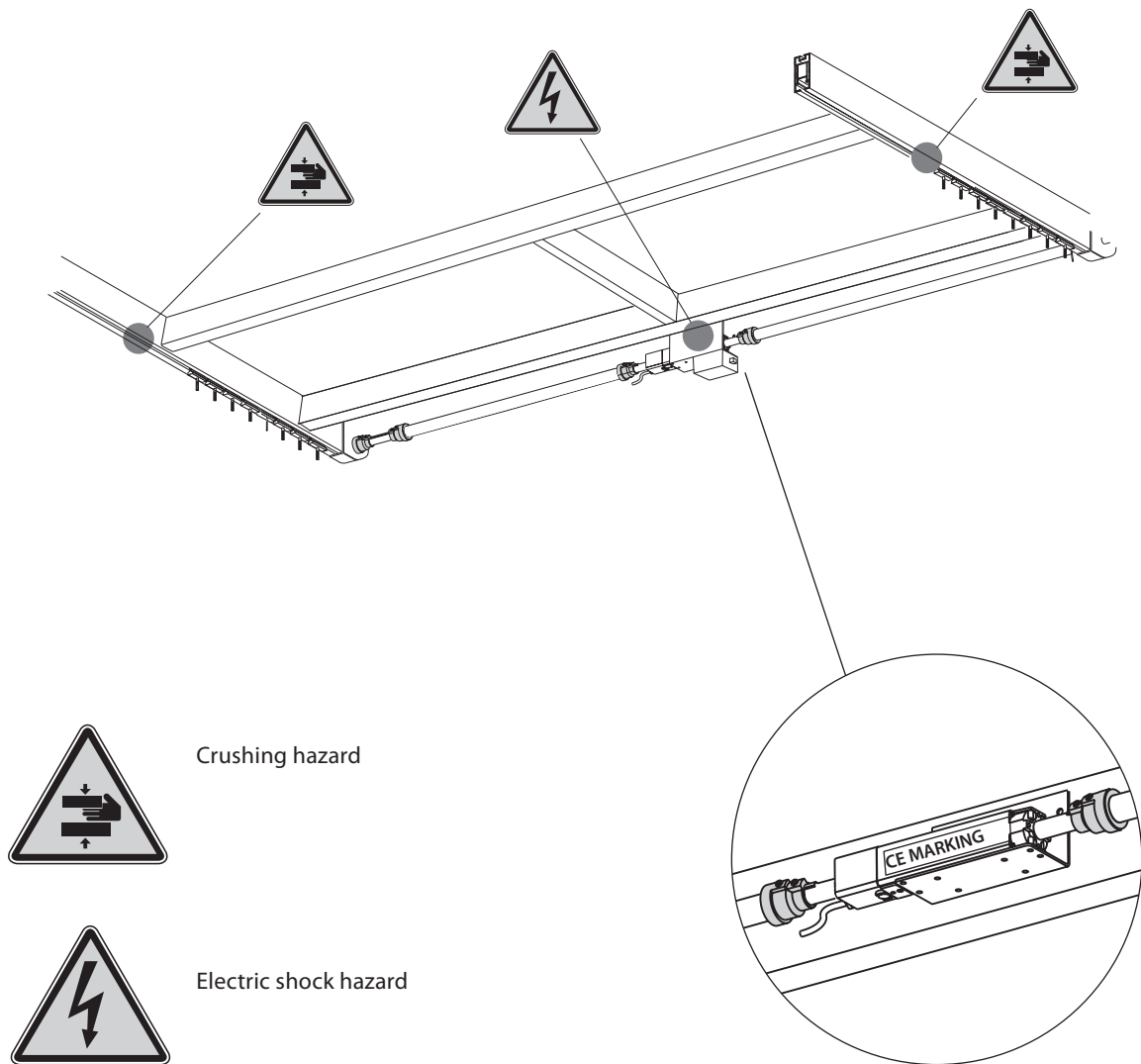
The customer may inform the retailer of any non-conformity covered by articles 128 to 134 of legislative decree 206 / 2005 (Consumers Code) in writing only and no later than 2 (two) months of discovery. The legal action by the buyer towards the retailer becomes statute-barred within 26 months of the discovery date announced in the terms (Art. 132 sub-section 4 Consumers Code).

## **ART. 9 - TERRITORIAL EXTENTION OF THE WARRANTY**

The above mentioned warranty will be effective only in the state in which the client has his own domicile.

Products directly or indirectly sold, installed or granted for commodate to customers outside the client's domicile are specifically excluded from warranty unless agreed in writing by Corradi Srl.

# CE MARKING



## CE MARKING FOR 2 RUNNER VERSIONS

Corradi Spa - Via G. Brini, 39 - 40128 Bologna Italy		
Model:	EXYL FREESTANDING	2 runners
Serial no.:	00000/00	Year of production: 0000
Power supply:	230 V ~	Power: 218 W
Number of phases:	2	Frequency: 50 Hz
Wind resistance:	Class 3	EN 13561



## CE MARKING FOR 3 RUNNER VERSIONS

Corradi Spa - Via G. Brini, 39 - 40128 Bologna Italy		
Model:	EXYL FREESTANDING	3 runners
Serial no.:	00000/00	Year of production: 0000
Power supply:	230 V ~	Power: 218 W
Number of phases:	2	Frequency: 50 Hz
Wind resistance:	Class 3	EN 13561



## CE MARKING FOR 4 RUNNER VERSIONS

Corradi Spa - Via G. Brini, 39 - 40128 Bologna Italy		
Model:	EXYL FREESTANDING	4 runners
Serial no.:	00000/00	Year of production: 0000
Power supply:	230 V ~	Power: 218 W
Number of phases:	2	Frequency: 50 Hz
Wind resistance:	Class 3	EN 13561



## FACSIMILE PLATE

# CE DECLARATION OF CONFORMITY

The following CE Declaration of Conformity is subordinated to the observance of constraints and indications in the product warranty, as well as the correct installation done by the person in charge in accordance with the installation and lay-out instructions established by Corradi Spa.

**Manufacturer:** Corradi Spa  
Via G. Brini, 39 - 40128 Bologna Italy

**Product description:** Exyl Freestanding

**Model:** Exyl Freestanding 2 - 3 - 4 runners

**Serial number:** (see CE marking on product)

**Production year:** (see CE marking on product)

**Usage:** (see User manual - Original Instructions and concerning Warranty)

## REFERENCE DIRECTIVES applicable to the following CE Declaration of Conformity

Construction Production Directive 89/106/CEE;  
Electromagnetic Compatibility Directive 2004/108/CEE<sup>(\*)</sup>;  
Machinery Directive 2006/42/CE<sup>(\*)</sup>;  
Low Voltage Directive 2006/95/CE<sup>(\*)</sup>;

The conformity has been verified with the aid of the following norms:

- Performance requirements, safety included UNI EN 13561:2009
- Wind resistance class: Class 3<sup>(\*\*)</sup> (method according to UNI EN 1932: 2002);

With the following document the company declares on its own responsibility, that the above mentioned product satisfies the Directives indicated on the side:

### INDICATION / CONDITIONS TO WHICH THE USAGE OF THE PRODUCT IS SUBJECT:

The CORRADI product is subject to the installation activity done for the Client.

The Authorized Installer has to draw up and hand over the suitable DECLARATION OF CORRECT INSTALLATION AND CLASSIFICATION OF WIND RESISTANCE to the user, which testifies the correct installation, in accordance with the instructions supplied by the manufacturer and applied in accordance with the state and morphology of the installation site and corresponding to the using conditions for which it has been realized.

The Installer has to follow the reference instructions in the "INSTALLATION MANUAL" and "USER MANUAL".

The Installer fills out and signs the DECLARATION OF CORRECT INSTALLATION AND CLASSIFICATION OF WIND RESISTANCE, in accordance with the model in the USER MANUAL.

The person authorised to draw up technical documentation is: Engineer Gianmarco Biagi C/o Corradi Via Brini, 39 40128 Bologna  
THE MANUFACTURER

I declare that the above described product conforms to the indications and requirements in the above mentioned Directives.

CHIEF EXECUTIVE OFFICER

Eng. Gianmarco Biagi



(\*) Directives exclusively applicable to products with motorizations and automations [see User manual]

(\*\*) Wind resistance class: the wind resistance class has been verified using installation supports with features as in the Load table in the User manual

## INSTALLING AND ADJUSTING TYPE 1 MOTOR - PLAN 75

### ATTENTION

The installation and initial setup procedures are the responsibility of a specialised technical installer.

With power on, perform the operations taking great care to respect the regulations in force. When the structure is mounted, check the correct connection of the drive system: shafts, pipes, side shafts, motor heads. The sliders are all grouped in the high part of the awning. Before mounting the canvas, proceed as follows:

### ADJUSTING LIMIT STOP ON TYPE 1 2012 MOTORS

**N.B. THE BUTTON PANEL MUST BE USED TO CARRY OUT THIS PROCEDURE**

#### 1) OPENING LIMIT STOP (DESCENT)

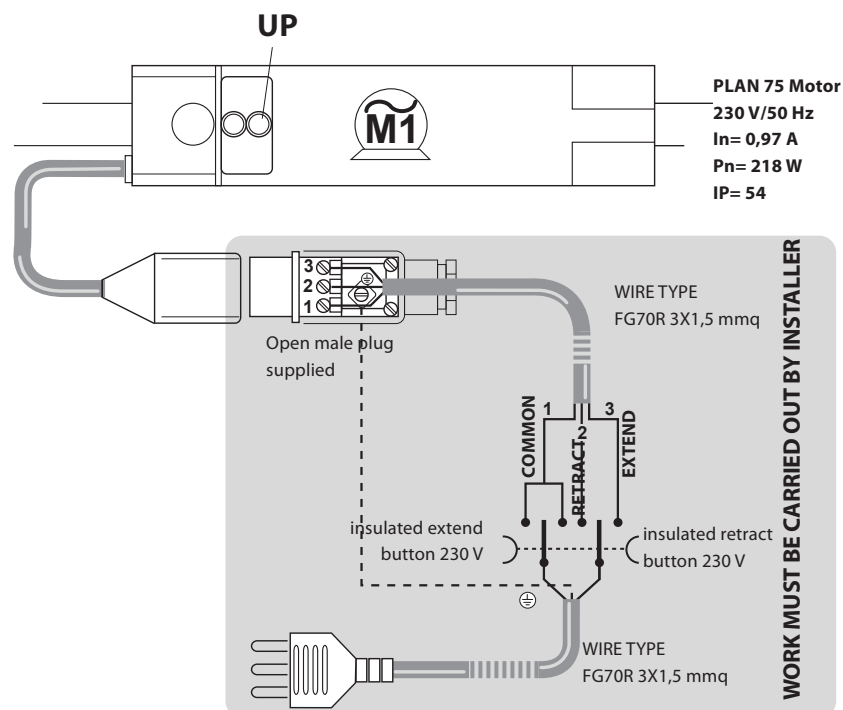
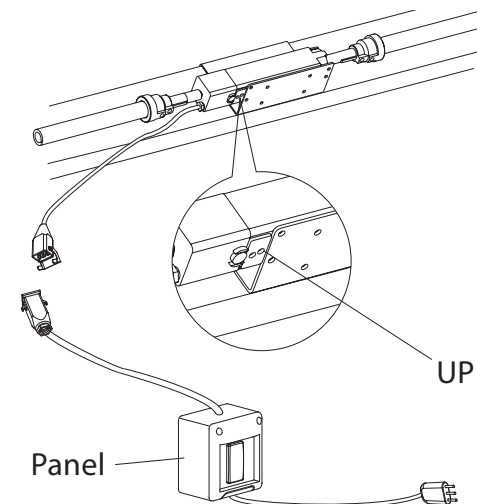
Open the canvas by simultaneously pressing the button marked "UP" with a screwdriver and holding it down for at least 10 seconds (ensure that the travel of the canvas is sufficiently long to take longer than the 10 seconds required by the button to activate).

Once the canvas has reached the desired point, stop the descent and move in the opposite direction to cause the button to release and record the limit stop (for a more accurate adjustment of the limit stop it is possible to move gradually towards the desired point, stopping and restarting the canvas until reaching the desired point).

#### 2) CLOSURE LIMIT STOP (ASCENT)

Close the canvas by simultaneously pressing the unmarked button with a screwdriver and holding it down for at least 10 seconds (ensure that the travel of the canvas is sufficiently long to take longer than the 10 seconds required by the button to activate).

Once the canvas has reached the desired point, stop the ascent and move in the opposite direction to cause the button to release and record the limit stop (for a more accurate adjustment of the limit stop it is possible to move gradually towards the desired point, stopping and restarting the canvas until reaching the desired point).





# ADJUSTING THE COMMANDS

ELECTRIC DRIVE TYPE 2 (SLOPE 95 MOTOR)

## LIMIT STOP ADJUSTMENT SLOPE 95 MOTOR

Proceed with maximum caution in accordance with the safety regulations in force.

- Check that the motor is correctly connected to the exchange and that the exchange is correctly connected to the mains. If not present make the connections as indicated in the wiring scheme.

- Push the START button **(1)** on the remote computing system exchange and wait for the led to turn RED **(2)**, and then release the switch.

The awning starts to descend; once it gets to the limit switch it will stop for about 1 second and then it will move upwards automatically.

- Push the STOP button **(3)** as soon as you reach the point where you would like to have the limit switch on the upper side.

It is then possible to use the remote control supplied. Then proceed with assembly of the awning. The tension of the canvas when opening is managed by the exchange, whilst the point at which the stacked awning stops is the point memorised with the STOP button. If the motor stops (because of overheating), the red LED **(2)** flashes: after approximately 5 minutes the light goes off and the motor can be used again.

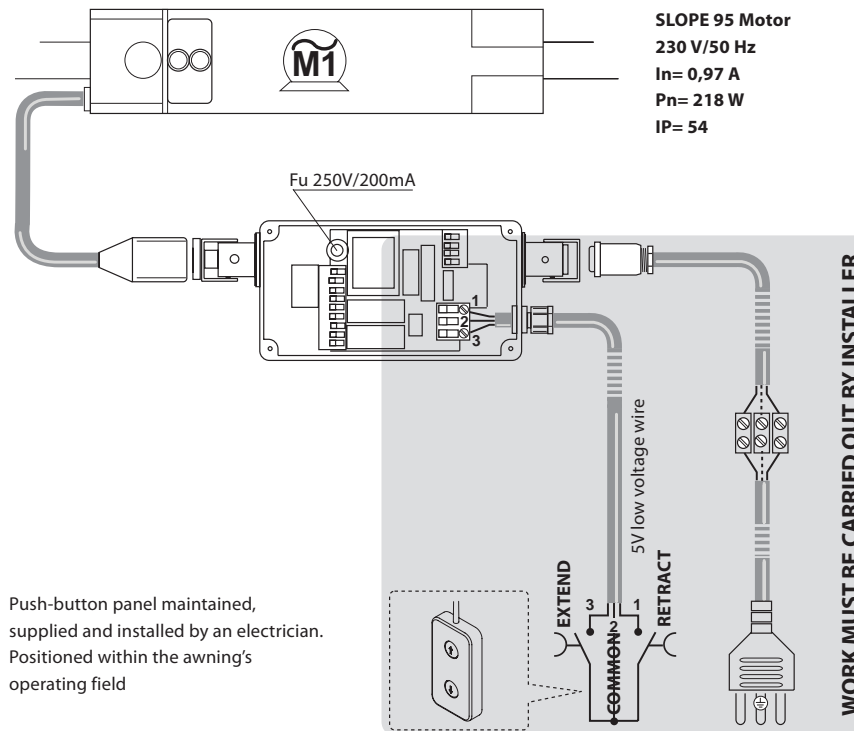
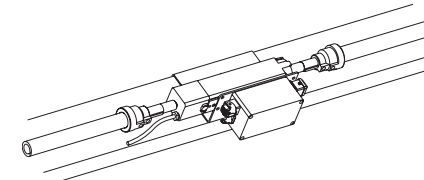
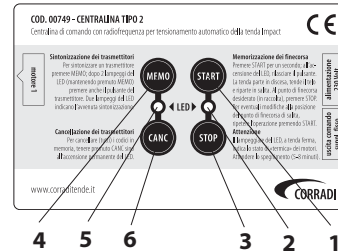
## Tuning a new remote control

Press the MEMO button **(4)**, the LED **(5)** flashes twice, keep the MEMO button **(4)** pushed down and press the remote control button at the same time, the LED **(5)** flashes twice indicating that the remote control has been recognised.

## Cancelling remote control memory:

You can cancel all the remote control codes by pressing the CANC button **(6)** and waiting for the LED **(5)** to stay permanently red.

**MONO 00749 Exchange**  
With automatic opening limit switch including a remote control.



# ADJUSTING THE COMMANDS

## ELECTRIC DRIVE TYPE 3 (SLOPE 95 AND PLUS 96 MOTORS)

### LIMIT STOP ADJUSTMENT SLOPE 95 AND PLUS 96 MOTORS

Proceed with maximum caution in accordance with the safety regulations in force.

- Check that the motor is correctly connected to the exchange and that the exchange is correctly connected to the mains.

If not present make the connections as indicated in the wiring scheme.

- Push the START button **(1)** on the remote computing system exchange and wait for the led to turn RED **(2)**, and then release the switch.

The awning starts to descend; once it gets to the limit switch it will stop for approximately 1 second and then it will move upwards automatically.

- Push the STOP button **(3)** as soon as you reach the point where you would like to have the limit switch on the upper side.

It is then possible to use the remote control supplied.

Then proceed with assembly of the awning. The tension of the canvas when opening is managed by the exchange, whilst the point at which the stacked awning stops is the point memorised with the STOP button.

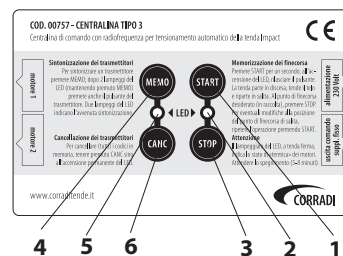
If the motor stops (because of overheating), the red LED (2) flashes: after approximately 5 minutes the light goes off and the motor can be used again.

### Tuning a new remote control

Press the MEMO button **(4)**, the LED **(5)** flashes twice, keep the MEMO button **(4)** pushed down and press the remote control button at the same time, the LED **(5)** flashes twice indicating that the remote control has been recognised.

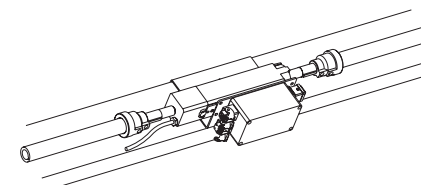
### Cancelling remote control memory:

You can cancel all the remote control codes by pressing the CANC button **(6)** and waiting for the LED **(5)** to stay permanently red.

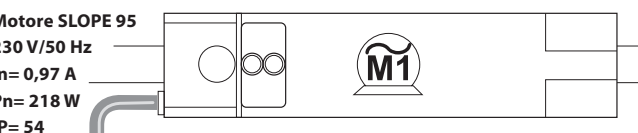


**TANDEM 00757 Exchange**

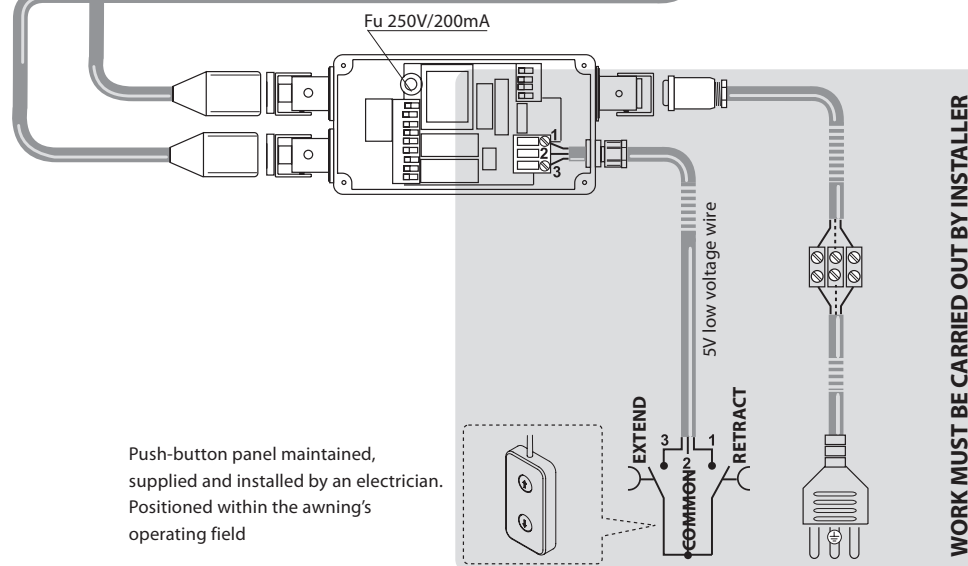
With automatic opening limit switch for two motors including a remote control.



**Motore SLOPE 95**  
230 V/50 Hz  
In= 0,97 A  
Pn= 218 W  
IP= 54



**PLUSE 96 Motor**  
230 V/50 Hz  
In= 0,97 A  
Pn= 218 W  
IP= 54



Push-button panel maintained, supplied and installed by an electrician. Positioned within the awning's operating field

WORK MUST BE CARRIED OUT BY INSTALLER



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