

# PERGOLA® AWNINGS

Version #2 05/31/2019



## *RETRACTABLE FABRIC ROOFS*



# Index

Office Contacts	Pages 3 – 4
Pergola Program & Models	Pages 5 – 9
Features and Patents	Page 10
Renderings / Technical drawings	Pages 11 – 13
Frame Colors	Pages 14 – 16
Fabric Options	Pages 17 – 20
Motorization and Controls	Pages 21 – 24
Restaurant Benefits of Pergolas	Page 25 - 28
Types of systems wall vs. freestanding	Pages 29
Required Pitch Traditional Pergola Units	Pages 30
Level Pergola Model	Page 31 - 38
Mito Pergola Model	Page 39 - 46
Tecnic Pergola Model	Pages 47 – 54
Tecnic One Pergola Model	Pages 55 – 61
Nomo & Rialto Pergola Models	Pages 62 – 115
	Pages 116 – 173
	Pages 174 – 214
	Pages 215 – 221
Pergola Model	Pages 222 – 229
Alutecnic Pergola Model	Pages 230 – 234
Stil Pergola Model	Pages 235 – 240
Evo Pergola Model	Pages 241 – 246

Infinity Pergola Model	Pages 247 - 252
Phoenix Pergola Model	Pages 253– 259
Zen Pergola Model	Pages 260 - 264
Other Options Pergolas	Pages 265 - 286
Notes Page	Page 287





**Note: Sunair® reserves the right to change engineering, specifications and prices without notice. Actual Images in the catalog may vary from digital and printed manuals. Sunair® is not responsible for printed inaccuracies in this manual.**








# PERGOLA® AWNING MODELS

	Model	Application	Maximum Width	Maximum Projection
	<b>Level</b>	Wall Mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	6.5 meters / 21' 4" proj.
	<b>Mito</b>	Wall Mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.
	<b>Tecnico</b>	Existing structure mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	8.0 meters / 26' 3" proj.
	<b>Tecnico One</b>	Existing structure mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.

## MODELS continued

	MODEL	Application	Maximum Width	Maximum Projection
	NOMO	Free Standing or Wall Mounted Commercial & Residential	5.5 m / 18 ft. wide	7 m / 22' 11" proj.
	RIALTO	Free Standing or Wall Mounted Commercial & Residential	5.5 m / 18 ft. wide	7 m / 22' 11" proj.

# MODELS continued

MODEL	Application	Maximum Width	Maximum Projection
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<b>WOOD PLUS</b>	<b>Wall Mounted Commercial &amp; Residential</b>	<b>5m /16' 5" Type 1</b> <b>9m / 29' 6" Type 2</b> <b>13m/42' 7" Type 3</b>	<b>7 m /</b> <b>22' 11" proj.</b>
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# MODELS continued

	MODEL	Application	Maximum Width	Maximum Projection
	<b>ALU-TECNIC</b>	Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	5.5 m / 18' proj.
	<b>STIL</b>	Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	7 m / 22' 11" proj.
	<b>EVO</b>	Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.
	<b>INFINITY</b>	Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	7 m / 22' 11" proj.

# MODELS continued

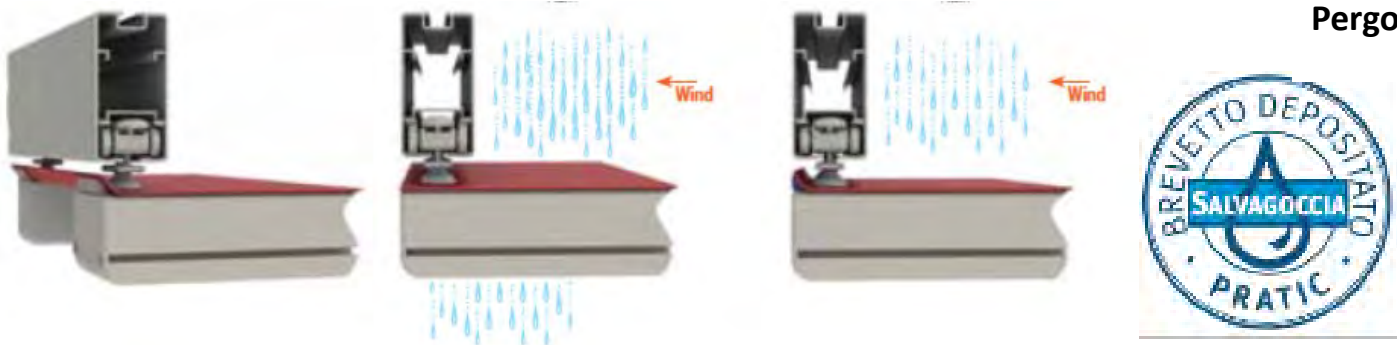


MODEL	Application	Maximum Width	Maximum Projection
PHOENIX	Free Standing & Wall Mounted Commercial & Residential	7 m / 22' 11" wide	10 m / 32' 9" proj.
ZEN	Free Standing Residential	4.5 m / 14' 9" wide	5.5 m / 16' 5" proj.



# PRATIC PERGOLA® FEATURES AND PATENTS

NOTE: Features will depend on Pergola model chosen.



The patented drip catcher keeps water from flowing off the sides when the wind is pushing water sideways. Instead the water will flow off the front or into the gutter.



The patented click system allows for easy and safe installation of the fabric and fabric ribs to the frame carriages using an easy click and lock system.

This patented safety box for the motor installs on the frame with an extra mounting profile. This feature keeps the fabric perfectly straight even in temperature variations. The device makes operating easy and quieter and also stops the motor from operating in case of excessive force. The box is ideally suited for Somfy RTS Altus motors with remote controls.

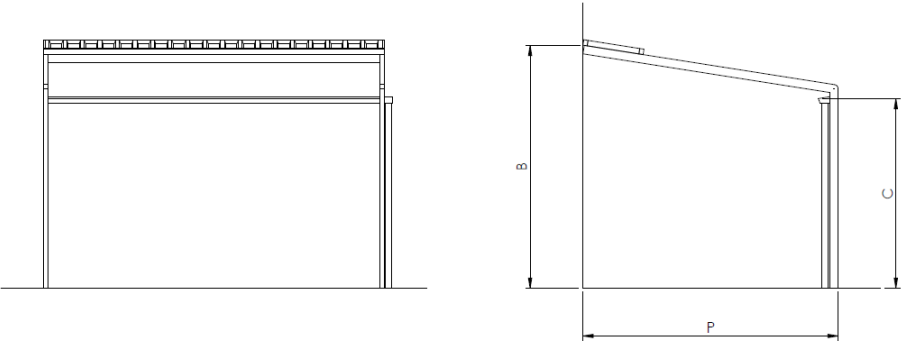
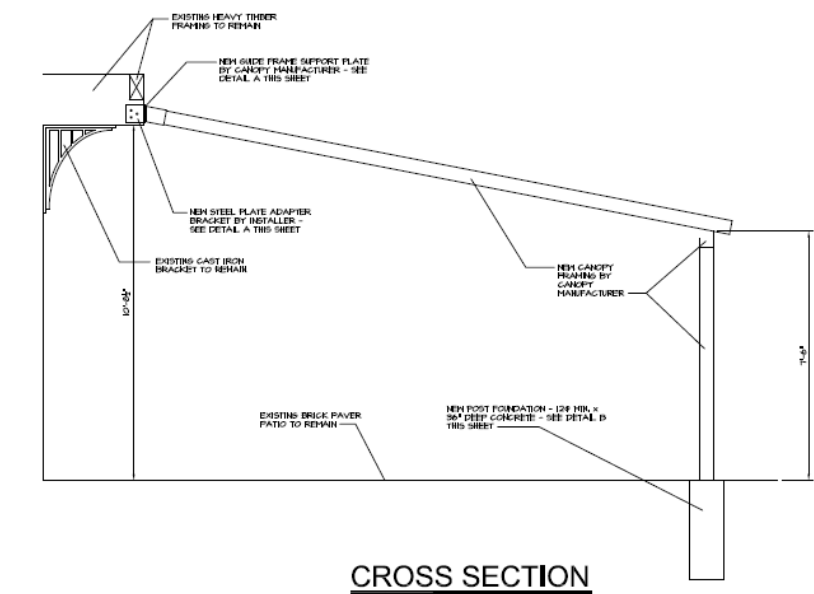




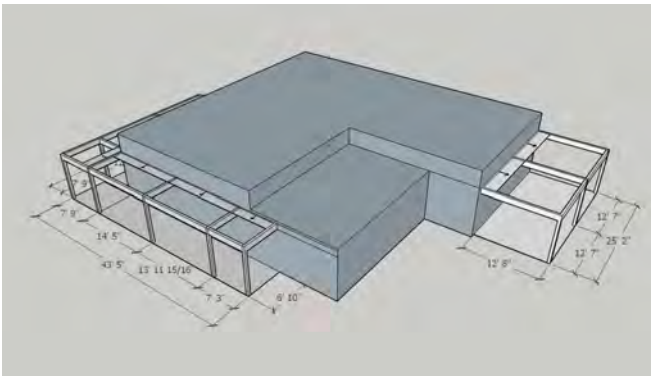
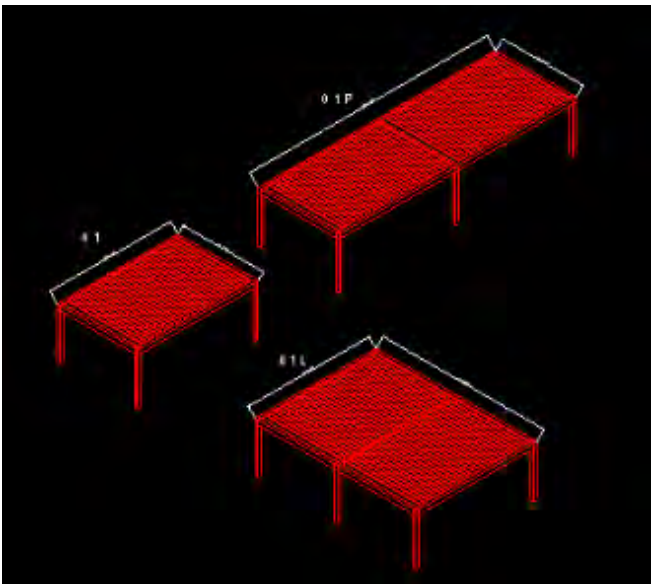
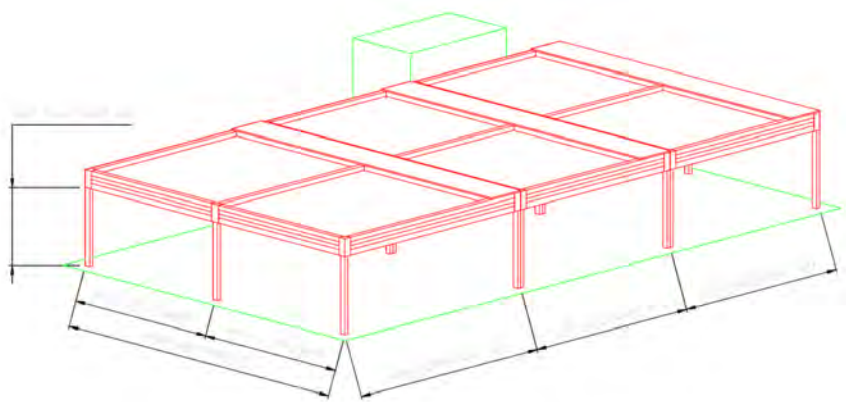




# TECHNICAL DRAWINGS:

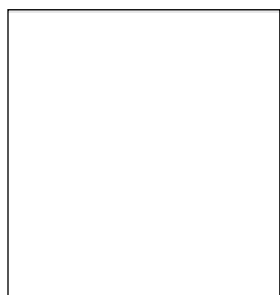


Sunair will provide DWG drawings.

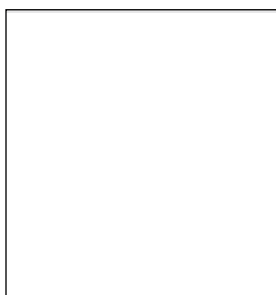


# STANDARD FRAME COLORS FOR ALL PERGOLA MODELS:

*NOTE: Optional for OPERA, VISION and BRERA is to have Structure and louvers in two different colors.*



**WHITE Gloss**  
Ral 9010



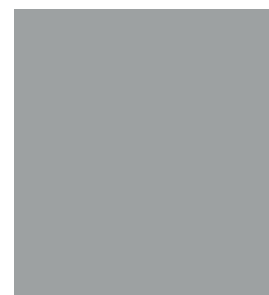
**WHITE SAND**  
Coarse Ral 9016



**IVORY SAND**  
Ral 1013 Coarse



**IVORY / SEMI**  
Gloss Ral 1013



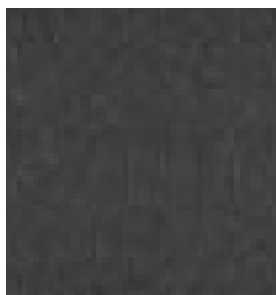
**GREY SAND**  
Gloss Ral 9006



**BRIGHT ALUM**  
Matt Ral 9006



**CORTEN**  
Coarse



**IRON GREY**  
Coarse

**OPTIONAL**

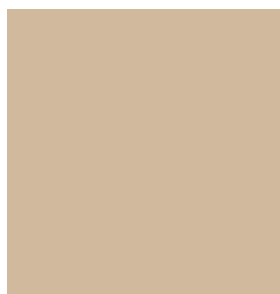


**FULL RAL COLOR**  
RANGE / EXTRA  
COST

**NOTE:** ACTUAL FRAME COLOR MAY VARY FROM DIGITAL IMAGES

## OPTIONAL FRAME COLORS FOR THESE PERGOLA MODELS:

*Level, Mito, Tecnic & Tecnic One*



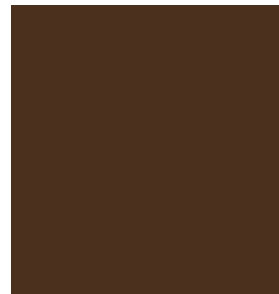
**MOCHA**  
Semi Gloss



**GREY Gloss**  
Ral 7040



**TAUPE Gloss**  
Ral 7030



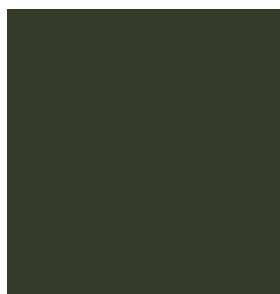
**BROWN Gloss**  
Ral 8019



**BRONZE**  
Coarse



**BLACK Gloss**  
Ral 9005



**GREEN Gloss**  
Ral 6005

**NOTE:** ACTUAL FRAME COLOR MAY VARY FROM DIGITAL IMAGES

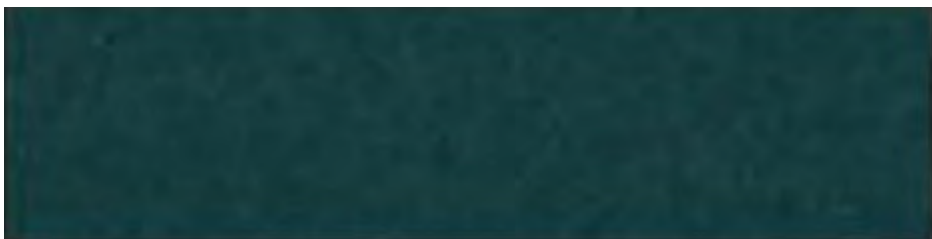
## WOOD PERGOLA COLORS / Wood portion



**MAHOGANY / STANDARD**



**BRENNERO WALNUT /  
OPTIONAL NON STANDARD**



**GREEN /  
OPTIONAL NON STANDARD**



**IMPREGNATION /  
OPTIONAL NON STANDARD**

**NOTE: Wood & Wood Plus Pergola models also have metal parts which require a metal color finish as well.**

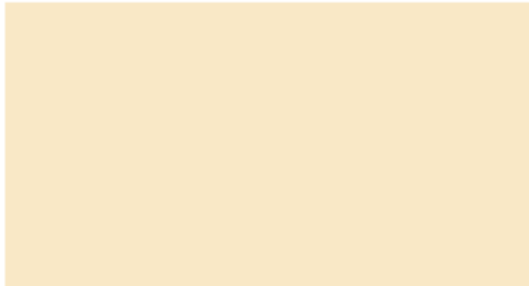


# PERGOLA STANDARD FABRIC COLORS

## 602 FLEX LIGHT CLASSIC / OPAQUE COLORS

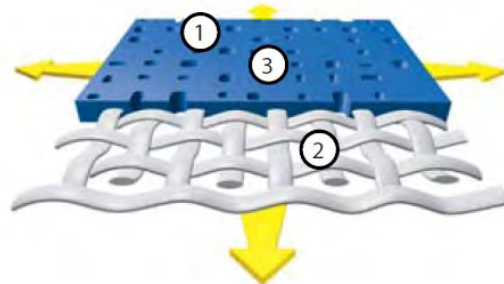


602N-8503 / 8103



602N-50020

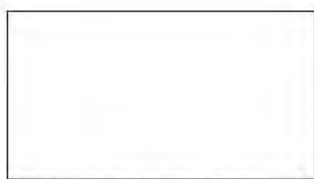
The Preconstraint 602 fabric from Ferrari offers excellent dimensional stability with minimal stretching and exceptional dirt resistance thanks to a PVDF topcoat on both sides. The fabric is therefore perfect for use on retractable Pergola® roof awnings. The fabric is 22.1 oz/sq yard with a Glossy finish. The two standard opaque colors above are the most commonly used and is standard on all Pergola® awnings. The two above colors are opaque and do not allow light to go through the fabric. The 602 is also available standard in the 10 each translucent colors below allowing some light to go through. Fabrics are Fire Retardant and certificate is available.



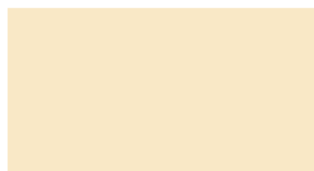
**Serge Ferrari**

# PERGOLA STANDARD FABRIC COLORS

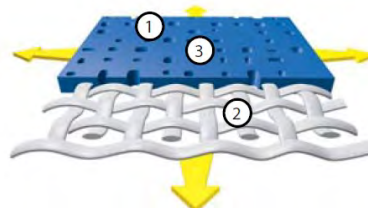
## 602 FLEX LIGHT CLASSIC / OPAQUE COLORS



602N-8503 / 8103



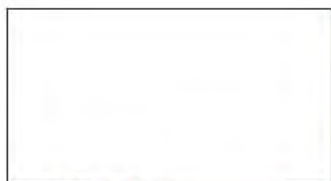
602N-50020



**Serge Ferrari**

The Preconstraint 602 fabric from Ferrari offers excellent dimensional stability with minimal stretching and exceptional dirt resistance thanks to a PVDF topcoat on both sides. The fabric is therefore perfect for use on retractable Pergola® roof awnings. The fabric is 22.1 oz/sq yard with a Glossy finish. The two standard opaque colors above are the most commonly used and is standard on all Pergola® awnings. The two above colors are opaque and do not allow light to go through the fabric. The 602 is also available standard in the 10 each translucent colors below allowing some light to go though. Fabrics are Fire Retardant and certificate is available. Note: Translucent 602 colors below are only available on Pergola models made by Sunair® in Jessup.

## 602 FLEX LIGHT CLASSIC / TRANSLUCENT COLORS



602N-8100



602N-8341



602N-8861



602N-1071



602N-1070



602N-1060



602N-1065



602N-1055



602N-1051



602N-1075

# NON STANDARD PERGOLA & SCREEN FABRIC COLORS

## 502 PROOF SOLTIS / OPAQUE SATIN FINISH COLORS

The Preconstraint 502 fabric from Ferrari also offers excellent dimensional stability with minimal stretching and exceptional dirt resistance thanks to a PVDF topcoat on both sides. The fabric is therefore perfect for use on retractable Pergola® roof awnings. The fabric is 16.8 oz/sq. yard with a satin finish. Fabrics are fire retardant and certificate is available.

									
502V2-8102C	502V2-2171C	502V2-2168C	502V2-2167C	502V2-8450C	502V2-8341C	502V2-8861C	502V2-50265C	502V2-2135C	502V2-2141C
									
502V2-2138C	502V2-2012C	502V2-2148C	502V2-2137C	502V2-2158C	502V2-50668C	502V2-50669C	502V2-50670C	502V2-8056C	502V2-2156C
									
502V2-2152C	502V2-8255C	502V2-2150C	502V2-8204C	502V2-2172C	502V2-20185C	502V2-50674C	502V2-2166C	502V2-50671C	502V2-50675C
									
502V2-50672C	502V2-50676C	502V2-50270C	502V2-50673C	502V2-50677C	502V2-2160C	502V2-2161C	502V2-1125C	502V2-2157C	502V2-8284C

satin finish

  
**Serge Ferrari**

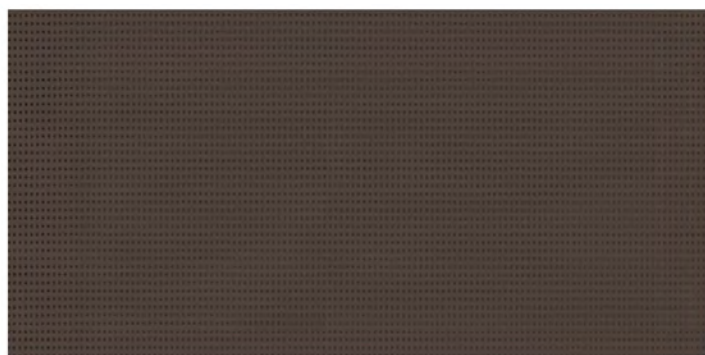


**Soltis**  
Horizon 86

**Serge Ferrari**

14 % Open Screen Mesh

Raso Screen Fabric



86-2043

Bronze



86 – 2135

Sandy Beige



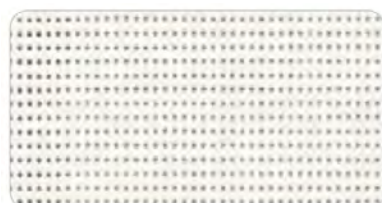
86 – 2053

Black



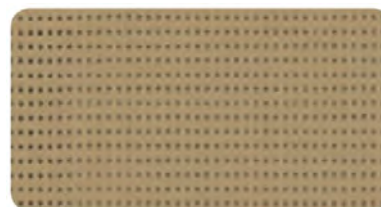
86 – 2175

Champagne



86 – 2044

White



86 – 2012

Pepper



86 – 2171

Boulder

#### ■ Technical properties

Openess factor	14%
Weight	380 g/m <sup>2</sup> — 11.2 oz/sqyd
Thickness	0.45 mm — 450 microns
Width	177 cm - 267 cm — 69.7 in. - 105.1 in.

Superior elongation and tear resistance

No deformation during processing and use

Superior aesthetic and mechanical durability

Smooth finish easy to clean, space saving, easy rolling



# MOTORIZATION & AUTOMATION

**ALTUS®**



**Note:**

Opera and Vision Louvered systems uses a different Linak motor and remote.

The Sunair PERGOLA® program features SOMFY RTS motor with an integrated radio receiver that allows you to operate the awning or screen by remote control with a wall mounted or hand held remote and by a smart phone device.

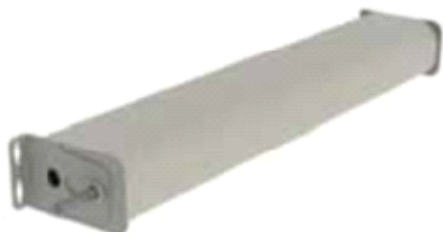
With a simple click of a button on your remote, the awning or shade will extend, retract , lower or raise automatically.



1 through 16 channel wall mounted and hand held remotes are available



# OUR FABRIC ROOF PERGOLA® MOTORS



*We use Somfy motors and controls for their Pergola awnings in the following range*

**Altus 550 Series: Nomo, Rialto , Brera Louvered, Type 1 & 2 Pergolas**

**Altus 660 Series: Type 3 Traditional Pergolas**



## All Somfy Motors are UL and CSA Recognized

- All SOMFY motors are UL Recognized and can be found under the following file numbers:

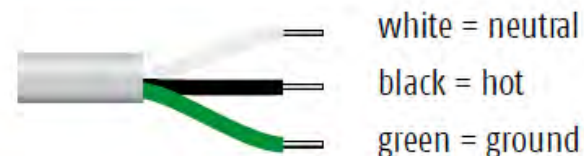
E60495, E60888, E63714



	550	660
Torque	50 Nm	60 Nm (530 in. lbs.)
Nominal Voltage		120V / 60Hz
Rated Current	2.1A	2.5A
Speed	14 rpm	14 rpm

## Type of power cable

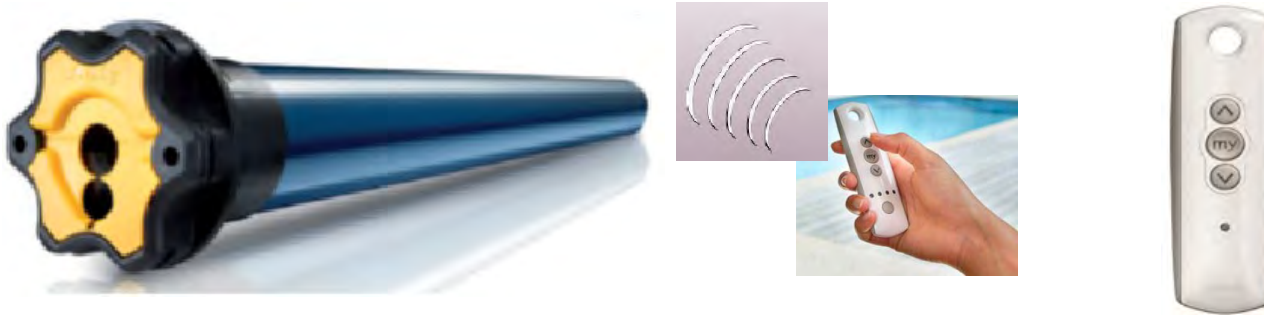
**RTS**  
120V AC / 60Hz  
3 conductor cable



### Radio Technology Somfy

Radio Technology Somfy® (RTS) allows wireless radio control of motorized applications via the RTS family of controls.

# Screen motor for RASO & SC4500 zipper screens



## SCREEN MOTORS:

The screens are available with the 525 altus SOMFY motor and also the 525 Maestria Obstacle detection motor. These motors are tubular 110 volt motors and are integrated into the Raso roller tube like a normal screen motor. Electrical wiring for the Raso screens is integrated within the gutter system and posts and all electrical connections are pre-wired within the Pergola system to one central connection point for all the electrical options and motors. The Maestria obstacle detection motor prevents fabric damage resulting from screen bunching and slipping from the guides. The motor senses and distinguishes between an actual obstacle and wind, even wind gusts, so it doesn't stop unnecessarily, resulting in fewer service calls and end user peace of mind.

### Type of cable

RTS  
120 V / 60 Hz  
3 conductor cable



Note: It is recommended to use a multi channel Telis 4 remote to operate multiple screens. The Screen motors use the same RTS motor as all Pergola models except the Louvered Pergola systems. The Louvered OPERA & VISION systems use a separate TELECO remote control to operate the Louvered 24 volt motor and LED's.

## Performances

525A2

Torque	25 Nm
Nominal Voltage	
Rated Current	1.6A
Speed	20 rpm
Thermal Protection	
Radio Frequency	433.42 MHz



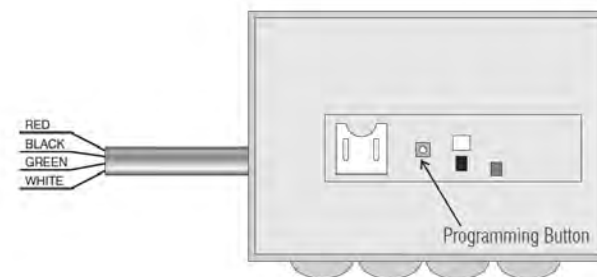
### **SOLIRIS RTS 24V KIT** **Sun & Wind Sensor**

The Soliris RTS Sun and Wind Sensor automatically controls your RTS motorized products based on current weather conditions.



### **ONDEIS® WIREFREE** **Sun & Rain Sensor**

The Rain Sensor is a solar-powered combined rain and sun sensor compatible with Radio Technology Somfy® motorized exterior products, including awnings and screens.



### **DRY CONTACT INPUT RTS TRANSMITTER**

Dry Contact to RTS interface can be used to communicate between home automation or other third party systems like fire alarms to retract screens in an emergency. Can be interfaced with a physical switch.

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The Somfy myLink™ is a simple device that turns your smartphone or tablet into a sophisticated remote control for motorized products featuring Radio Technology Somfy®, allowing you to operate them whether you're home or not. Combine all the benefits of Somfy's RTS hand-held remotes and timers in a convenient app.





# **Cheap Umbrellas can be more expensive than a Pergola Awning from Sunair.**



**This restaurant patio originally had multiple umbrellas set up for the comfort of the patrons. They work alright on sunny days with no rain or wind. On inclement weather days, with wind and/or rain the restaurant was forced to close the patio down without income! The cheap umbrellas became quite expensive.**

# The solution;

Owners installed a large wall mounted Pergola Awning. It is fully retractable at the touch of a button. If the sun is too strong, or it starts to rain, the awning is extended in seconds to maintain a comfortable seating area for the patrons. In addition, the restaurant can continue to serve patrons and isn't forced to shut down the patio. Revenue is retained. Side Screens were added, enclosing the patio, which extends the serving season and generating extra revenue in the fall and early spring.



# **Great benefits of Pergola® Awnings for Restaurants!**

- **Expand the seating capacity of your restaurant.**
- **Create a nice trendy comfortable atmosphere for your restaurant patrons.**
- **Don't shut down the patio and lose the revenue it generates during fierce mid day sun and on normal inclement rainy days.**
- **Extend the outdoor seating season. Open the patio serving area earlier in the spring and stay open later in the fall by adding roll down screens and heaters.**
- **Dry outdoor functions for private parties and weddings with no worry about the weather.**
- **Add LED lights to improve the ambience at night.**
- **A Pergola Awning is an investment that will pay off sooner than you think because you can generate more revenue per table in the season.**
- **Offer a dining experience that is comfortable, unique and trendy to patrons and assure you reservations.**
- **Winterize with the touch of a button. No need to pay for removal and winter storage by retracting the fabric under its optional hood system.**

# ROI: Return on Investment Calculator

Feel free to utilize our ROI calculator which will determine how fast a commercial establishment will be able to recoup the investment of a Pergola awning system. This calculator is available on line at [www.sunairawnings.com](http://www.sunairawnings.com) in the architects section. You may also call our sales department and we will be happy to assist you. Below is an excerpt.

## Sunair Retractable Pergola Investment Return Calculator

### 1: Area Definition

Defined area width in Feet		20 Ft	
Defined area length in Feet		16 Ft	
Total Square Feet		320 Sq Ft	
Total amount of Tables	48 Sq Ft per Table	7 Tables	
Seats per Table		4	
Average Seats per Table		3	

### 2: Current Revenues

Gross Revenue Per Seat		\$20 per Seat	
Profit Margin Per Seat		30.00 %	
Net Profit per Seat		\$6.00	
Operation Hours per Day		7	
Table Turns per Day	1.00 Hours per Avg Stay	7	
Gross Revenue Per Day		\$2,940	
Net Revenue Per Day		\$882	

### 3: Project Cost

Retractable Pergola Cost	\$15,876.69
Shipping & Crating Cost	\$1,500.00
Accessory Cost (ie screens, heaters, etc.)	\$400.00
Installation Cost	\$0.00
Total Project Cost	\$17,776.69
Project Cost per Square Foot	\$55.55

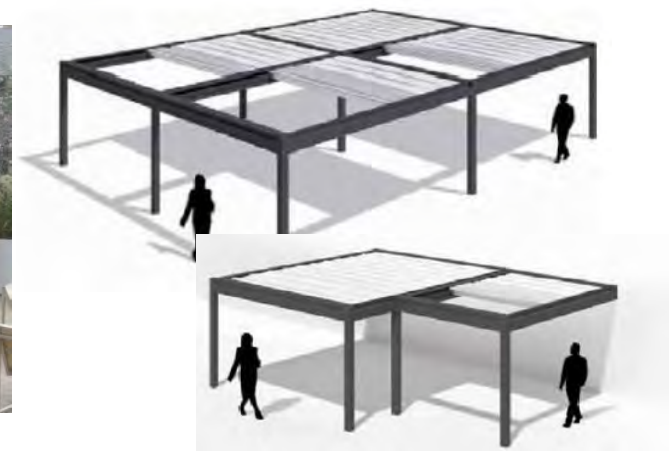
### 4: Return on Investment

Daily Use needed to Break Even	21 Days
Number of Days of Inclement weather that prevented use of area	10 Days
Number of potential Days to extend the use of area based on seasonal weather	20 Days
Additional Gross Revenue Generated	\$88,200
Additional Net Revenue Generated	\$26,460
<b>Years of Use to Breakeven</b>	<b>0.70 Years</b>



# WALL MOUNTED vs. FREE STANDING

Which model is best where?



## GENERAL SLOPE & STACK SPECIFICATIONS FOR WALL MOUNTED PERGOLAS

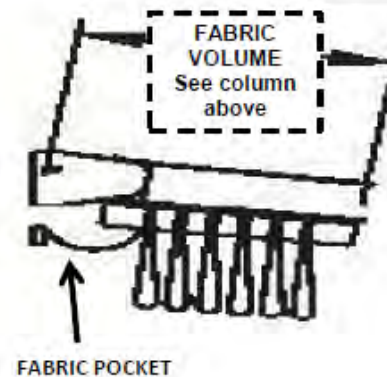
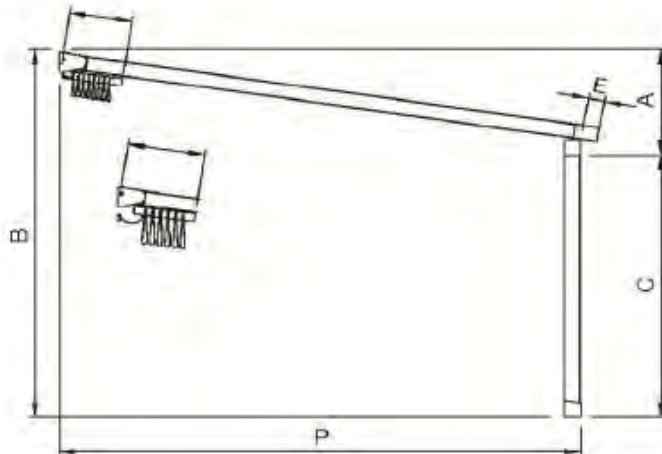
*with "Taut" fabric and water drainage to front*

**See each individual Pergola model for exact requirements**

PROJECTION "p"	WIDTHS CM/INCHES Typical Type 1 system												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED  W/POCKET
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	44	18	48	19	52	21	54	22	55	22	55	22	3	18"
2.5M (8'-2")	49	20	54	22	59	24	62	25	63	25	63	25	4	19 3/4"
3.0M (9"-10")	54	22	60	24	66	26	69	28	70	28	70	28	5	21 3/4"
3.5M (11'-5")	59	24	66	26	73	29	76	30	78	31	78	31	6	23 1/2"
4.0M (13'-1")	63	25	71	28	79	32	83	33	85	34	85	34	7	25 1/4"
4.5M (14'-9")	68	27	77	31	86	34	91	36	93	37	93	37	8	27 1/8"
5.0M (16'-5")	73	29	83	33	93	37	98	39	100	40	100	40	9	29 1/8"
5.5M (18')	78	31	89	36	100	40	105	42	108	43	108	43	10	30 3/4"
6.0M (19'-8")	82	33	94	38	106	42	112	45	115	46	115	46	11	32 3/4"
6.5M (21'-4")	87	35	100	40	113	45	120	48	123	49	123	49	12	34 3/4"
7.0M (22'-11")	92	37	105	42	119	47	128	51	131	52	131	52	13	36 3/4"
7.5M (24'-7")	97	39	112	45	126	50	136	54	139	55	139	55	14	38 1/4"
8.0M (26'-2")	101	40	118	47	133	53	144	57	147	58	147	58	15	40 1/8"
8.5M (27'-11")	106	42	123	49	139	55	151	60	154	61	154	61	16	42 1/8"
9.0M (29'-6")	110	44	129	51	146	58	159	63	162	64	162	64	17	44 1/8"

**THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"**

THE MINIMUM SLOPE "A" FOR  
WATER DRAINAGE CAN BE  
FOUND ABOVE IN CHART BOTH  
IN CM AND INCHES





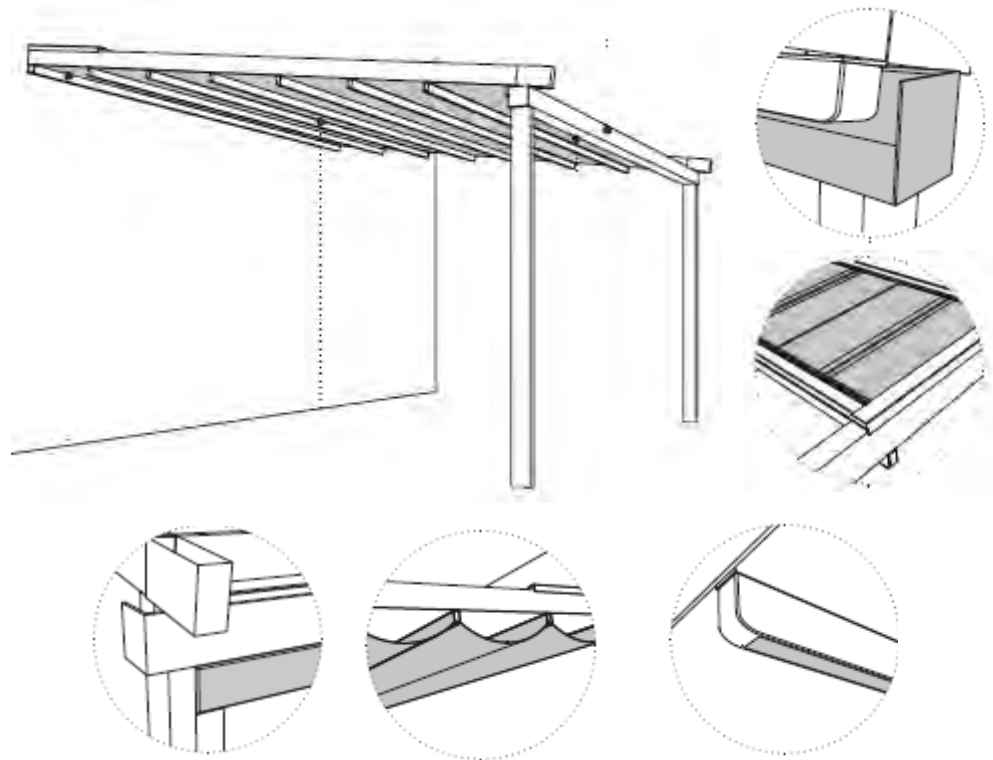
## Model: LEVEL Pergola®



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	6.5 meters / 21' 4" proj.	Undercover, LEDS, Heaters, Hood, Side Screens

### PRODUCT FEATURES:

- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for small to medium sized patios.
- Integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.
- Ideal for adding drop down screens or zipper screens with square surfaces.





## LEVEL: Commercial Installations

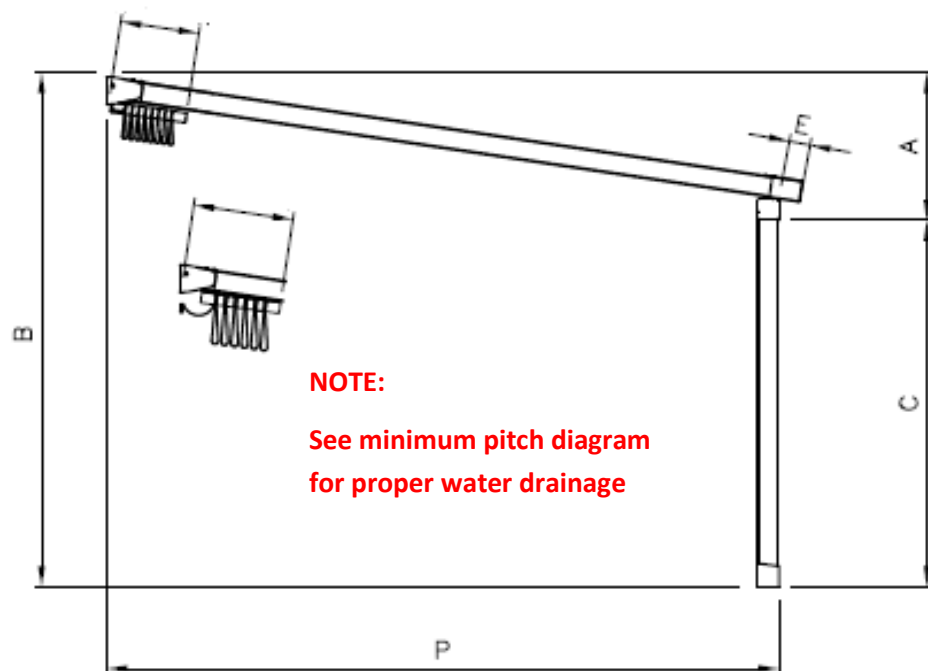




## LEVEL: Residential Installations



# LEVEL Pergola® Technical information



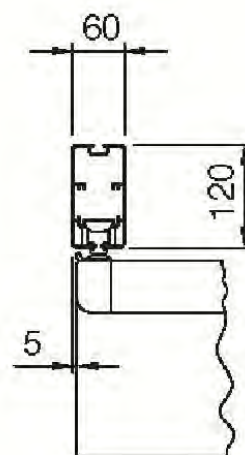
## Dimensions:

**A =** Height of Slope

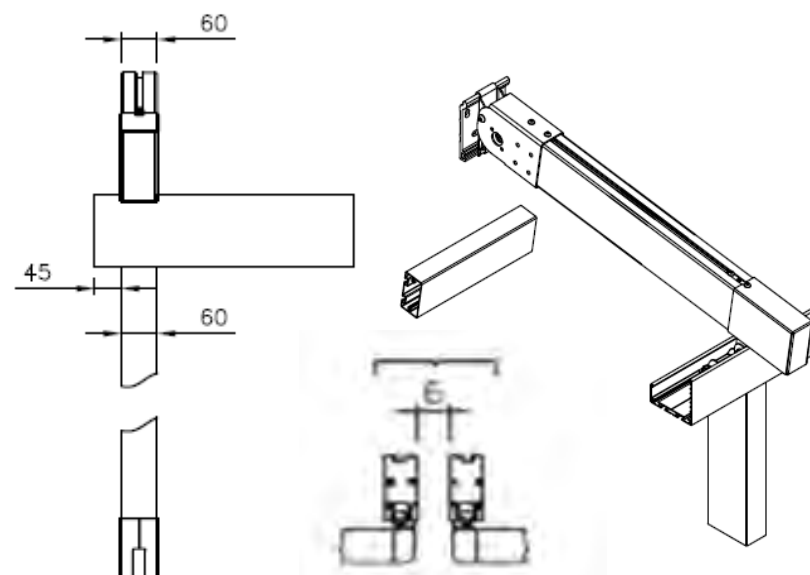
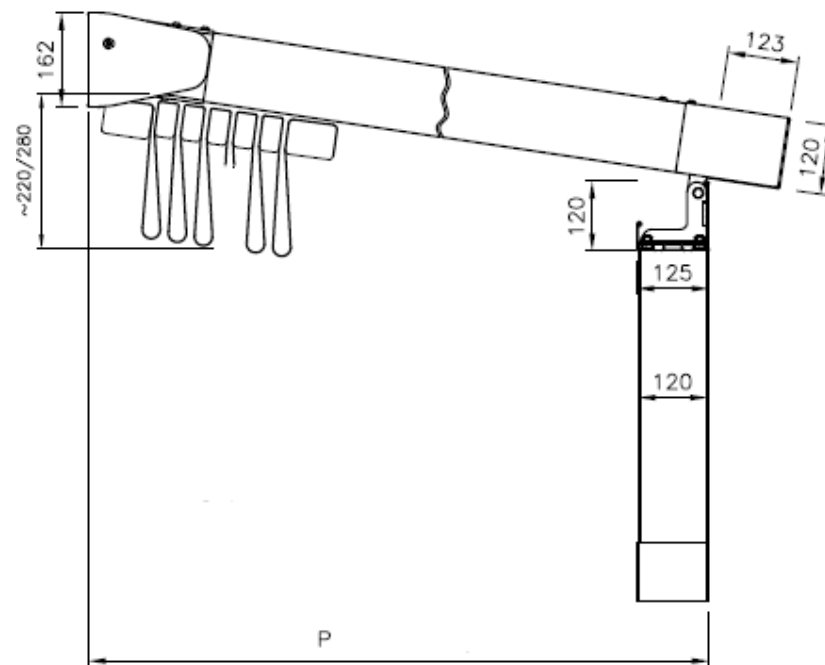
**B =** Height at top back

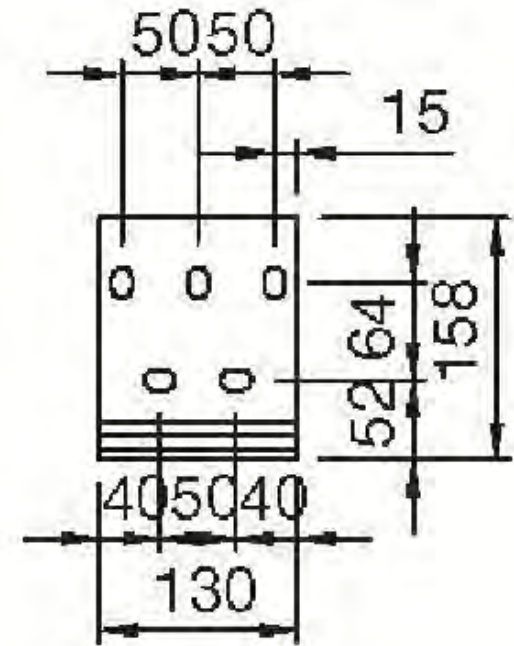
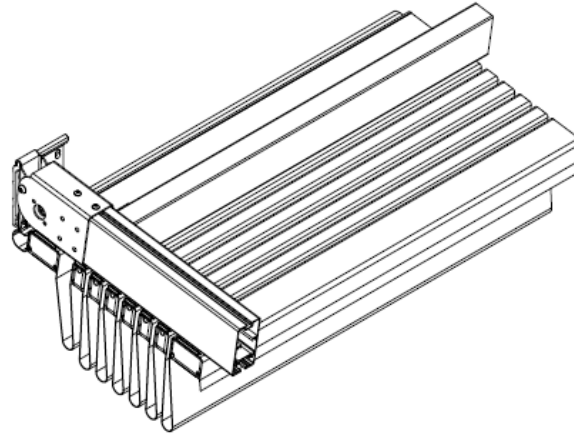
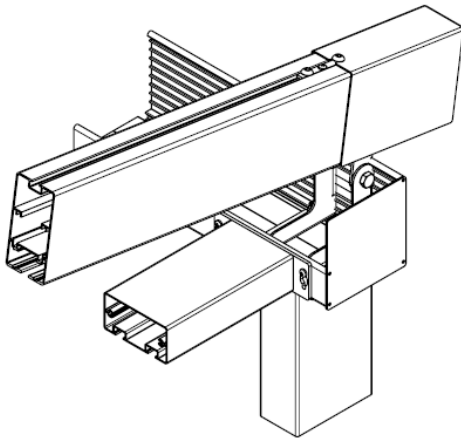
**C =** Post Height / Under  
gutter height

**P =** Actual Projection from  
wall

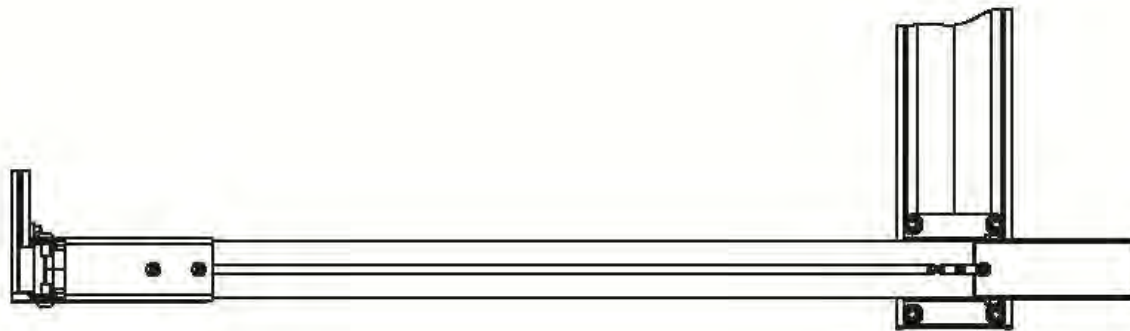
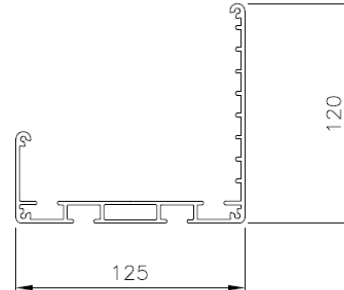
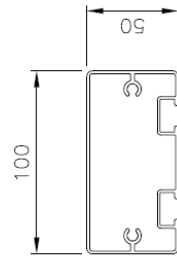
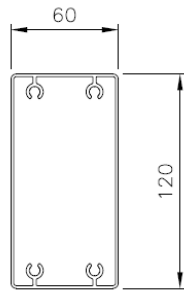
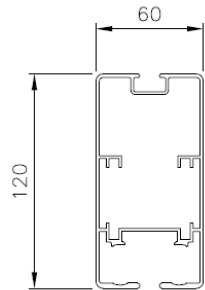


FRONT SECTION

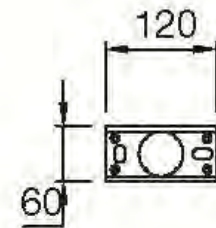


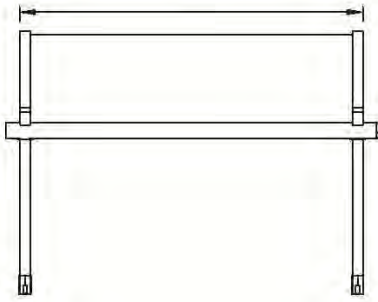


**BRACKET PLATE FOR STD.  
WALL INSTALLATION**



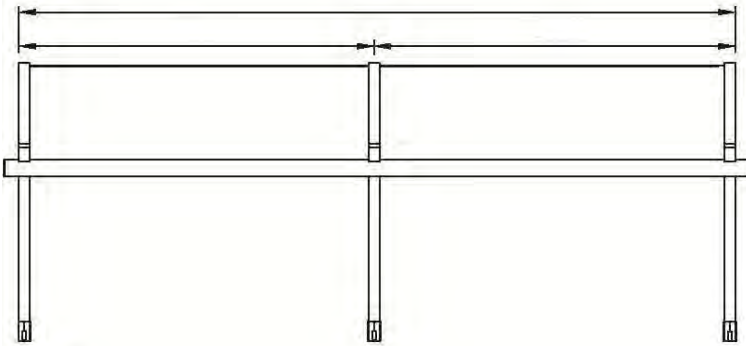
**FOOT PLATE**





**TYPE 1: Level system**

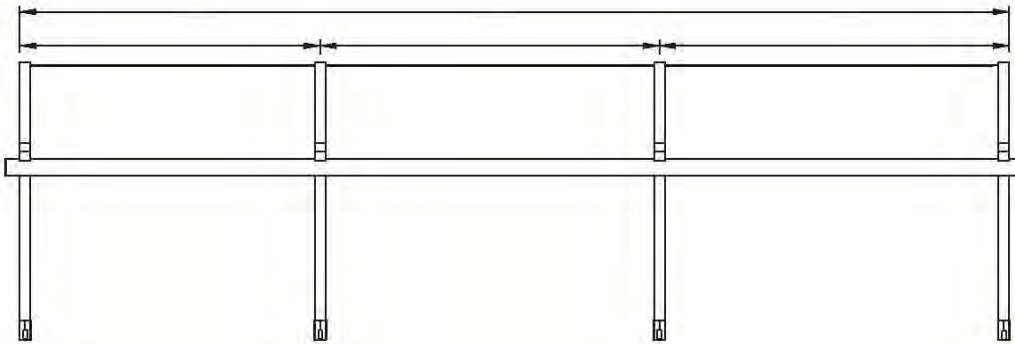
**L = from 8' 1" to max 16' 5" wide**



**TYPE 2: Level system**

**2 spans (L from 14' 8" to 29' 6" max total**

**L1 & L2 from 6' 6" to 14' 8" wide**



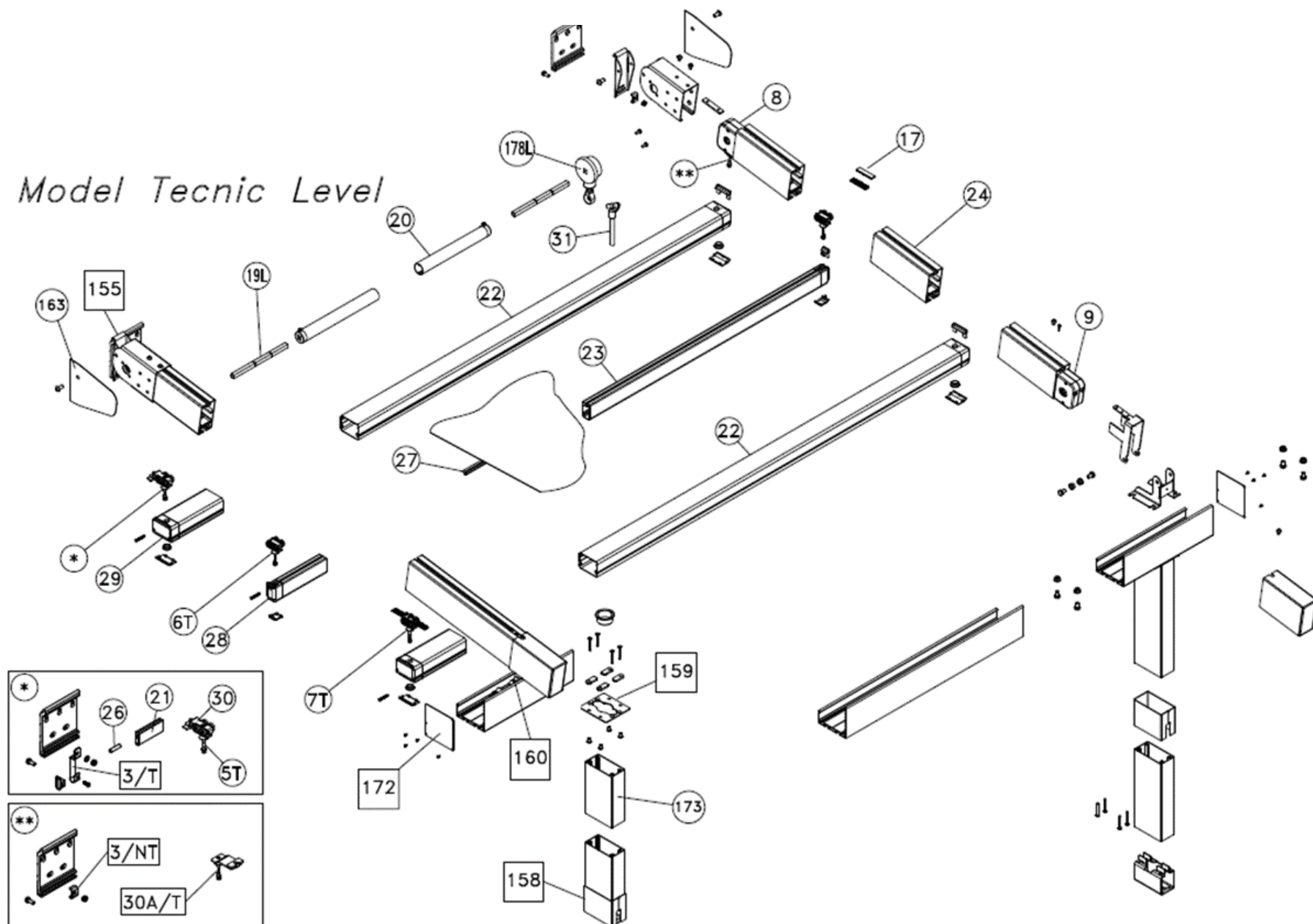
**TYPE 3: Level system**

**3 spans (L from 27' 10" to 42' 6")**

**L1, L2 & L3 from 6' 6" to 14' 1" wide**



# PERGOLA® LEVEL



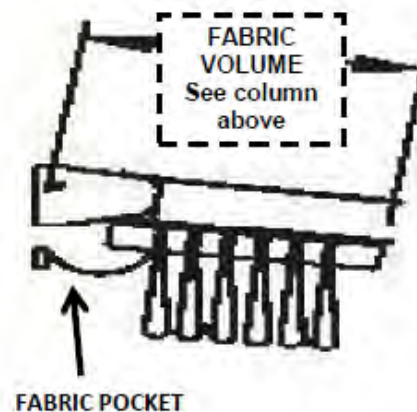
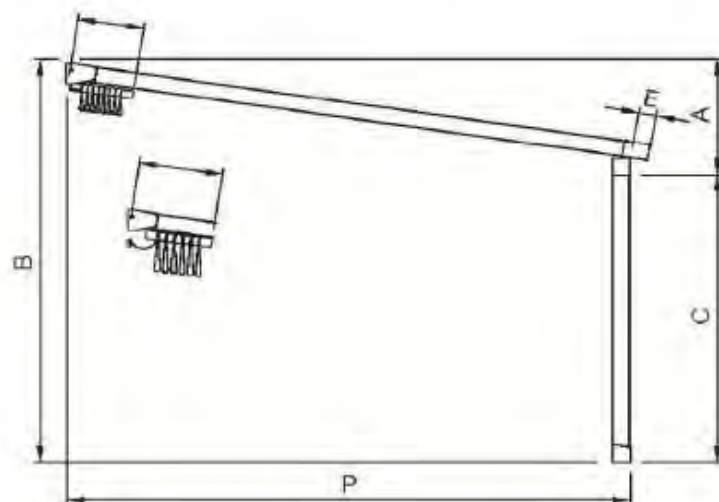
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "LEVEL" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

### LEVEL

PROJECTION "p"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED W/POCKET
	2.5M		3.0M		3.5M		4.0M		4.5M		5.0M			
	8'-2"		9'-10"		11'-5"		13'-1"		14'-9"		16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	44	18	48	19	52	21	54	22	55	22	55	22	3	18"
2.5M (8'-2")	49	20	54	22	59	24	62	25	63	25	63	25	4	19 3/4"
3.0M (9'-10")	54	22	60	24	66	26	69	28	70	28	70	28	5	21 3/4"
3.5M (11'-5")	59	24	66	26	73	29	76	30	78	31	78	31	6	23 1/2"
4.0M (13'-1")	63	25	71	28	79	32	83	33	85	34	85	34	7	25 1/4"
4.5M (14'-9")	68	27	77	31	86	34	91	36	93	37	93	37	8	27 1/8"
5.0M (16'-5")	73	29	83	33	93	37	98	39	100	40	100	40	9	29 1/8"
5.5M (18')	78	31	89	36	100	40	105	42	108	43	108	43	10	30 3/4"
6.0M (19'-8")	82	33	94	38	106	42	112	45	115	46	115	46	11	32 3/4"
6.5M (21'-4")	87	35	100	40	113	45	120	48	123	49	123	49	12	34 3/4"

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"



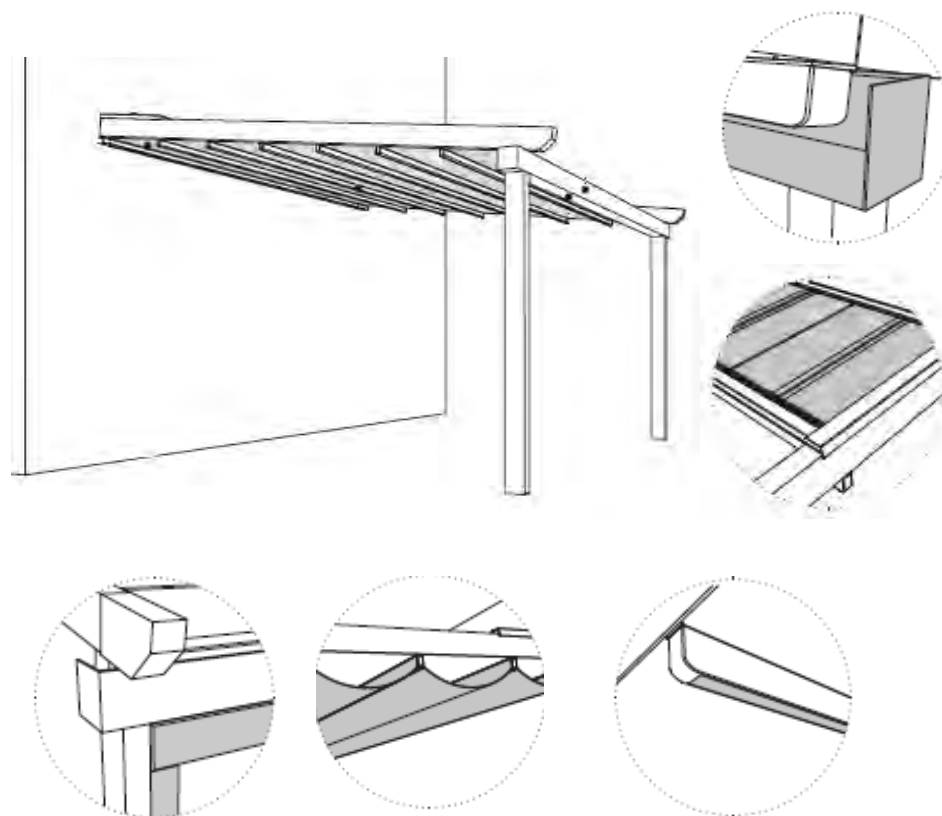
## Model: MITO Pergola®



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.	Undercover, LEDS, Heaters, Hood,

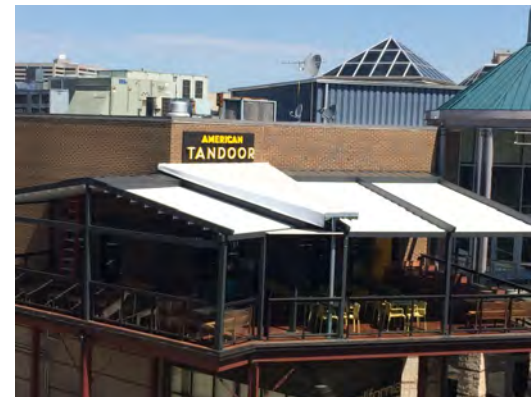
### PRODUCT FEATURES:

- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for larger patio areas.
- Integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes .
- Motorized all sizes and required on larger sizes.
- Optional hood system available.
- Ideal for adding drop down screens or zipper screens with square surfaces.





# MITO: Commercial Installations

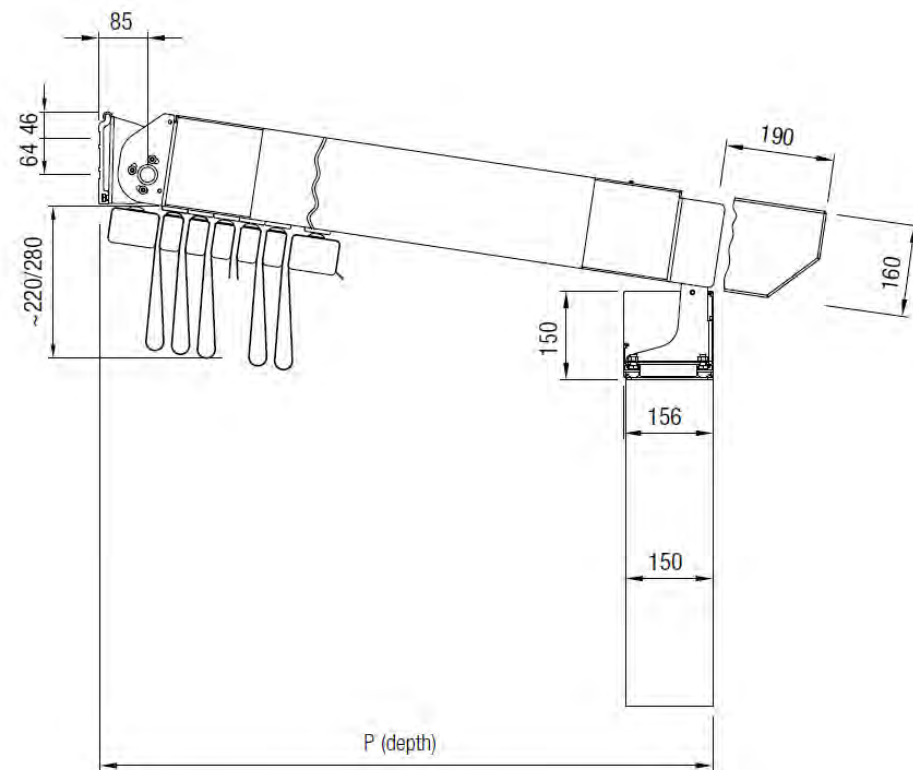
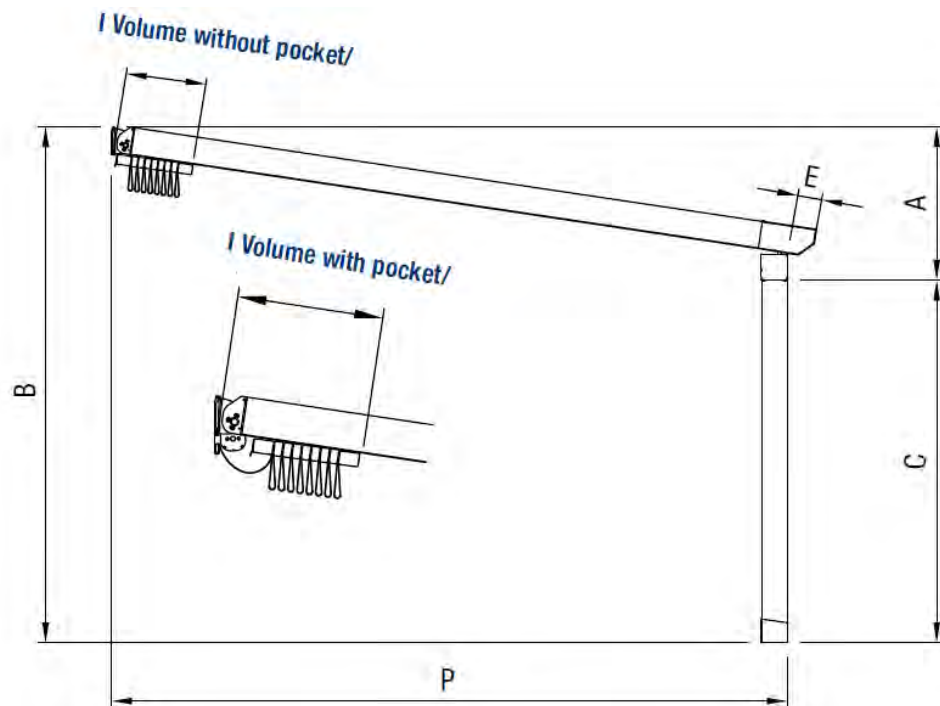




# MITO: Residential Installations



# MITO Pergola® Technical information



## Dimensions:

A = Height of Slope

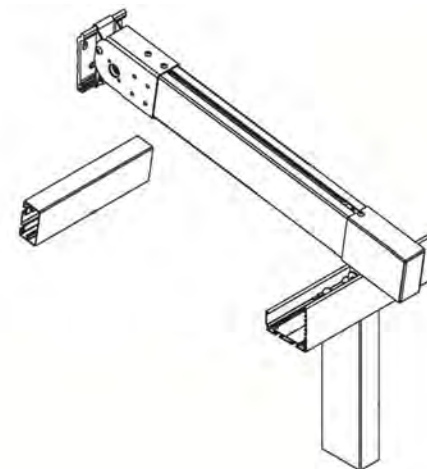
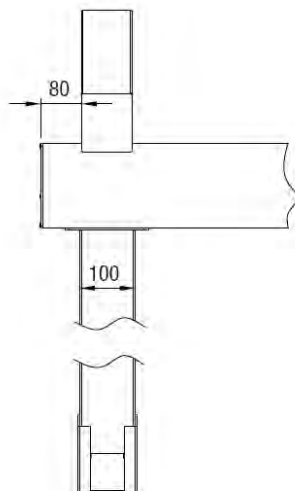
B = Height at top back

C = Post Height

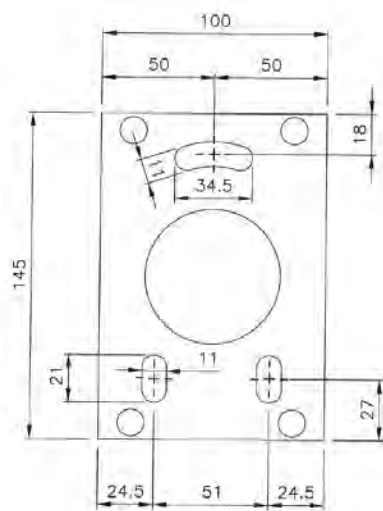
P = Actual Projection from

## **NOTE:**

See minimum pitch diagram  
for proper water drainage

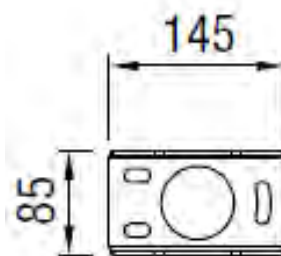
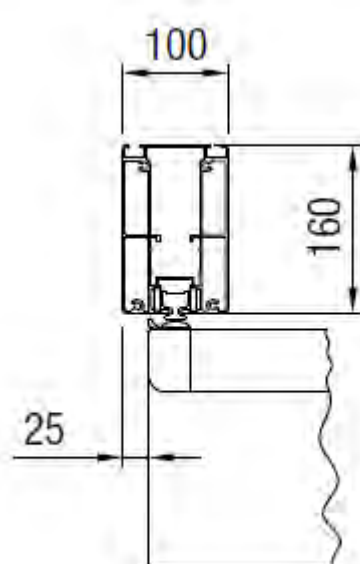




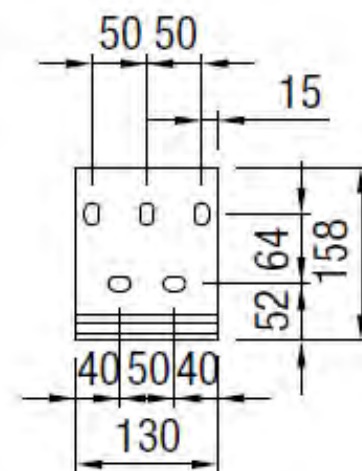


**FOOT PLATE**

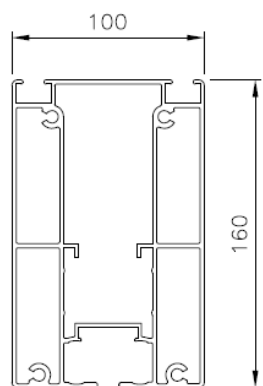
**10 cm x 14.5 cm**



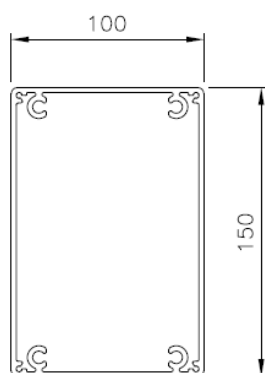
**FOOT PLATE**



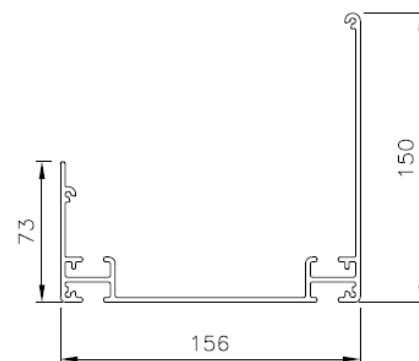
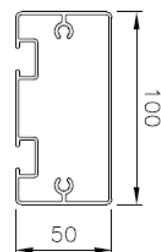
**BRACKET PLATE FOR STD.  
WALL INSTALLATION**



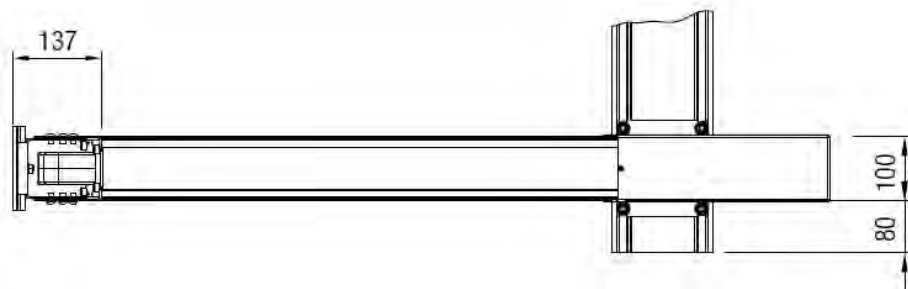
**Guide Rail**

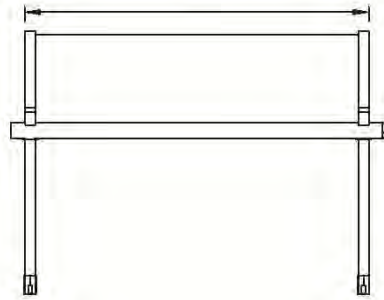


**Post**



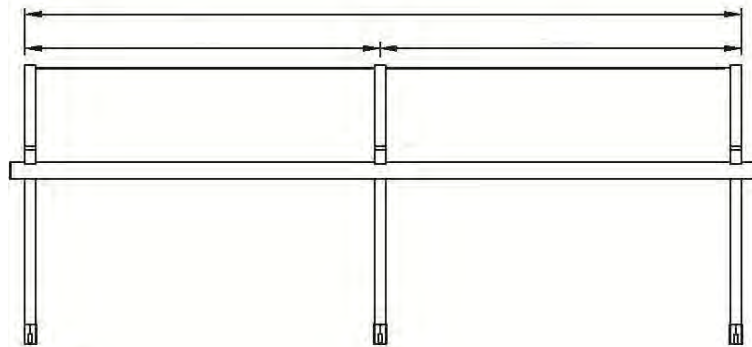
**Gutter**





**TYPE 1: Mito system**

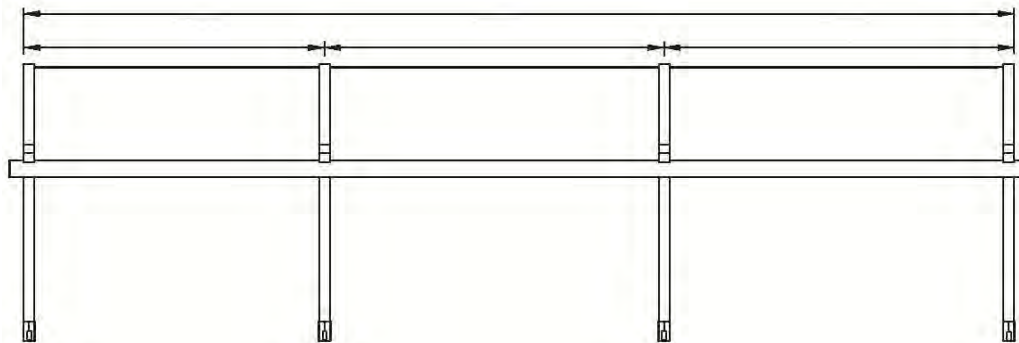
**L = from 8' 1" to max 16' 5" wide**



**TYPE 2: Mito system**

**2 spans (L from 14' 8" to 29' 6" max total**

**L1 & L2 from 6' 6" to 14' 8" wide**

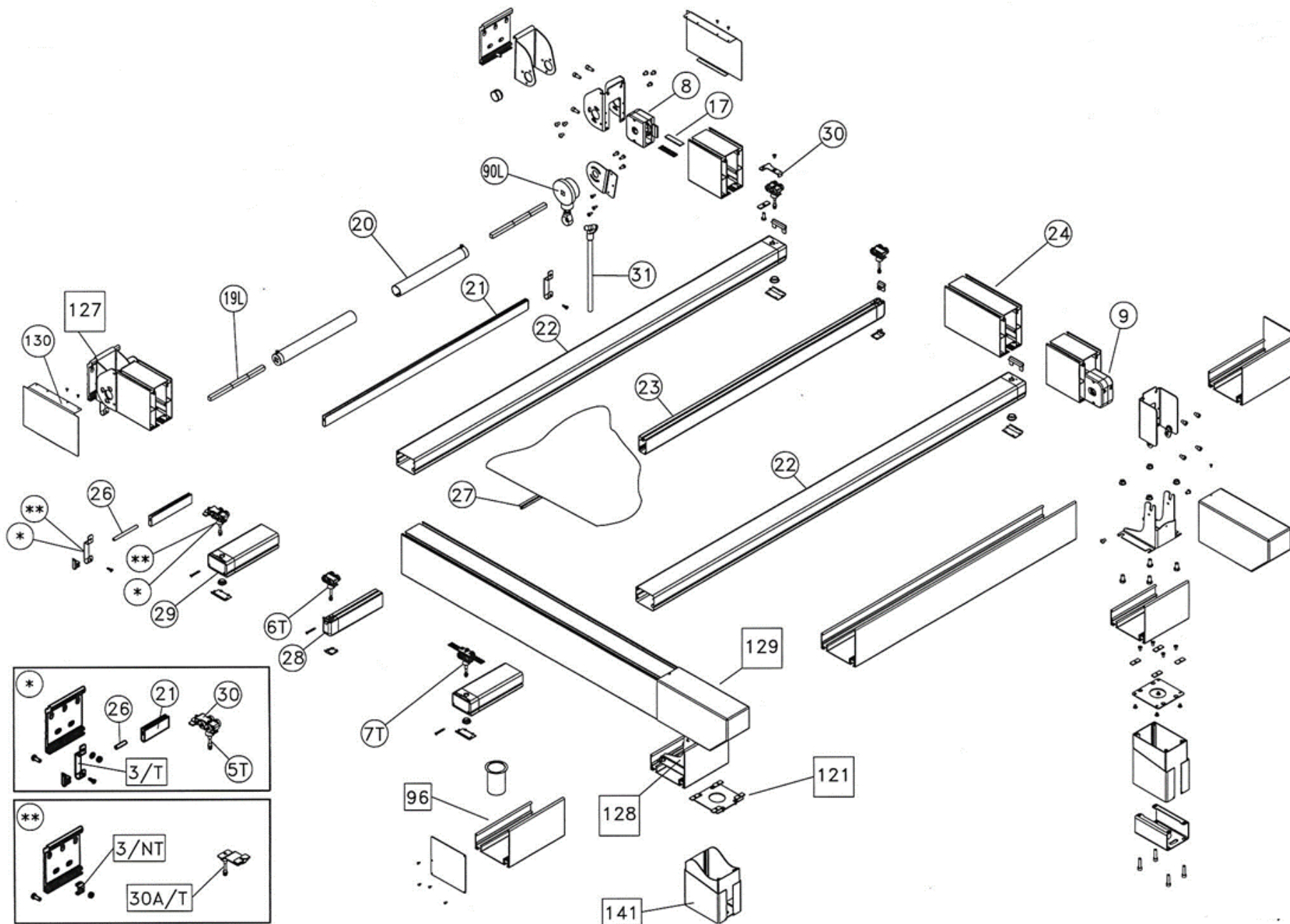


**TYPE 3: Mito system**

**3 spans (L from 27' 10" to 42' 6")**

**L1, L2 & L3 from 6' 6" to 14' 1" wide**

# PERGOLA® MITO



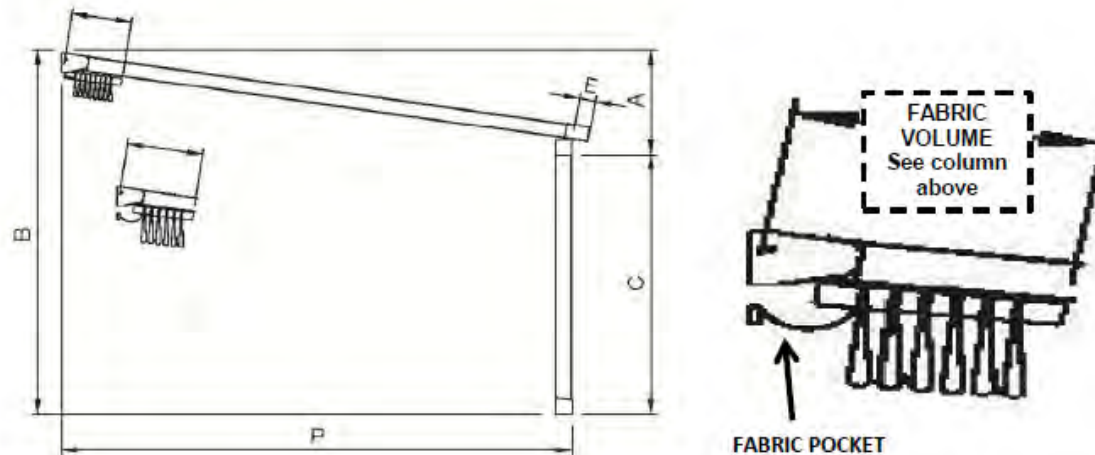
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "MITO" UNIT WITH TAUT FABRIC FOR PROPER  
WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

## MITO


PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED W/POCKET
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	50	20	54	22	58	23	60	24	61	25	61	25	3	18"
2.5M (8'-2")	55	22	60	24	65	26	68	27	69	28	69	28	4	19 3/4"
3.0M (9"-10")	60	24	66	26	72	29	75	30	76	30	76	30	5	21 3/4"
3.5M (11'-5")	65	26	72	29	79	32	82	33	84	34	84	34	6	23 1/2"
4.0M (13'-1")	69	28	77	31	85	34	89	36	91	36	91	36	7	25 1/4"
4.5M (14'-9")	74	30	83	33	92	37	97	39	99	39	99	39	8	27 1/8"
5.0M (16'-5")	79	32	89	36	99	39	104	41	106	42	106	42	9	29 1/8"
5.5M (18')	84	34	95	38	106	42	111	44	114	45	114	45	10	30 3/4"
6.0M (19'-8")	88	35	100	40	112	45	118	47	121	48	121	48	11	32 3/4"
6.5M (21'-4")	93	37	106	42	119	47	126	50	129	51	129	51	12	34 3/4"
7.0M (22'-11")	98	39	112	45	126	50	133	53	136	54	136	54	13	36 3/4"
7.5M (24'-7")	103	41	118	47	133	53	140	56	144	57	144	57	14	38 1/4"
8.0M (26'-2")	107	43	123	49	139	55	147	58	151	60	151	60	15	40 1/8"
8.5M (27'-11")	112	45	129	51	146	58	155	62	159	63	159	63	16	42 1/8"
9.0M (29'-6")	117	47	135	54	153	61	162	64	166	66	166	66	17	44 1/8"

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"



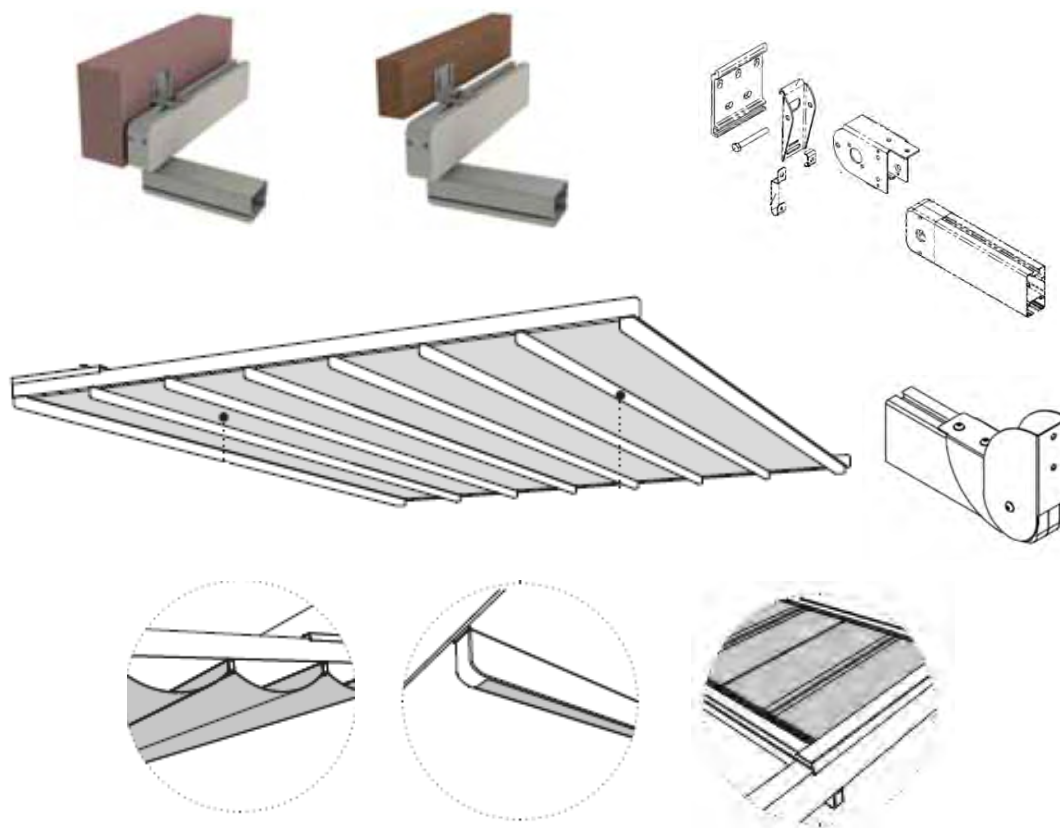


## Model: TECNIC Pergola®

	Application	Maximum Width	Maximum Projection	Options
	Existing structure mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m / 42' 7" Type 3	8.0 meters / 26' 3" proj.	Undercover, LEDS, Heaters, Hood,

### PRODUCT FEATURES:

- Retractable fabric roof pergola.
- Standard Pergola system mounted to existing structure or between walls suitable for small to medium sized structures.
- Ideal for flat installation with water drainage to sides.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.



## TECNIC: Commercial Installations

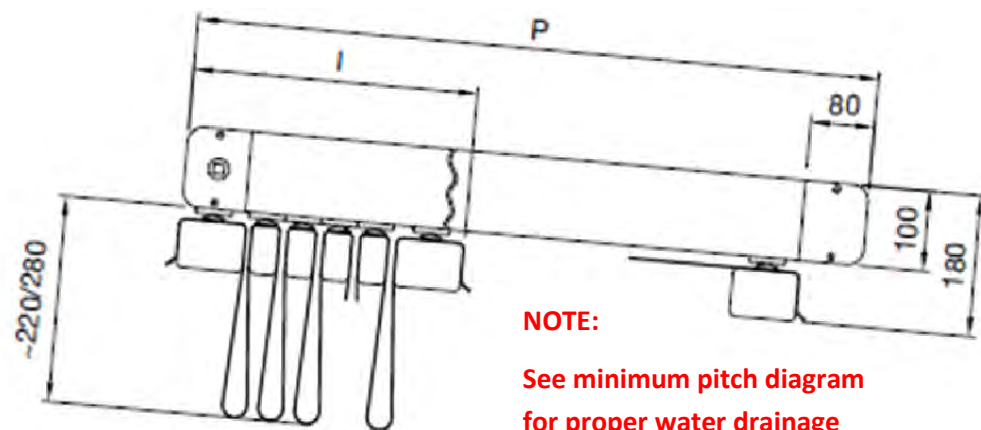




## TECNIC: Residential Installations

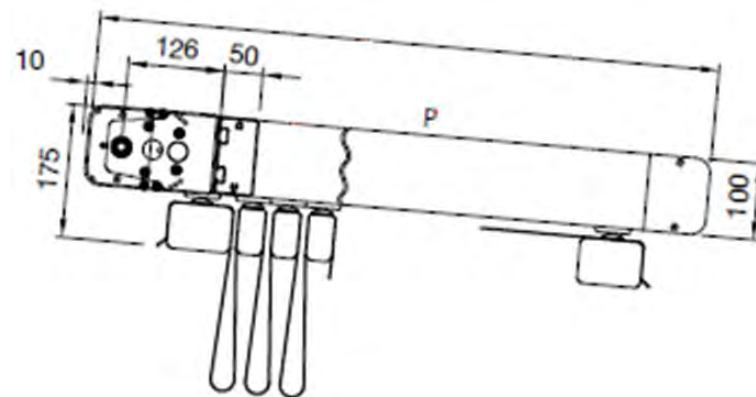


# TECNIC Pergola® Technical information



**NOTE:**

See minimum pitch diagram  
for proper water drainage



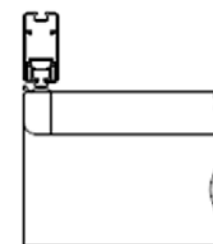
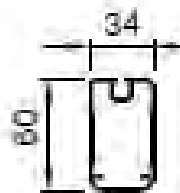
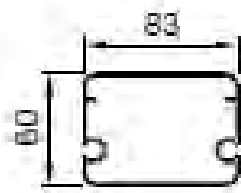
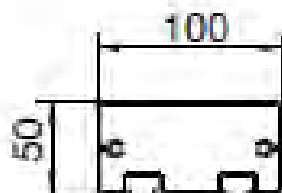
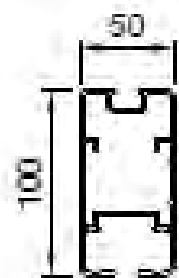
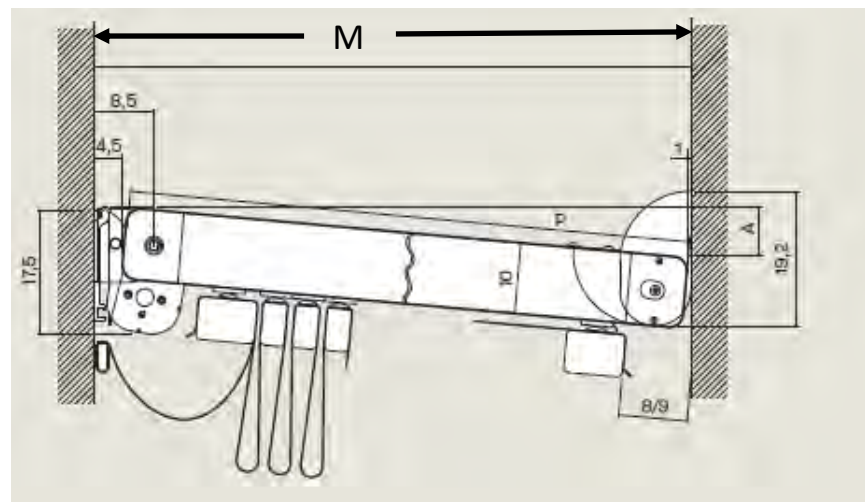
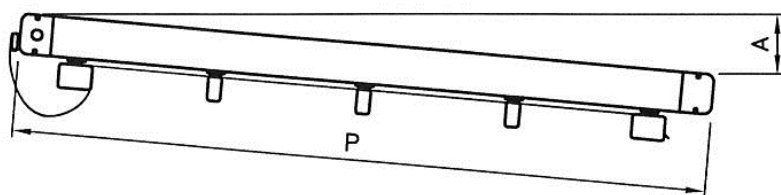
## Dimensions:

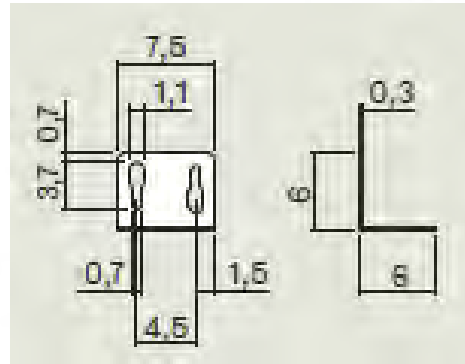
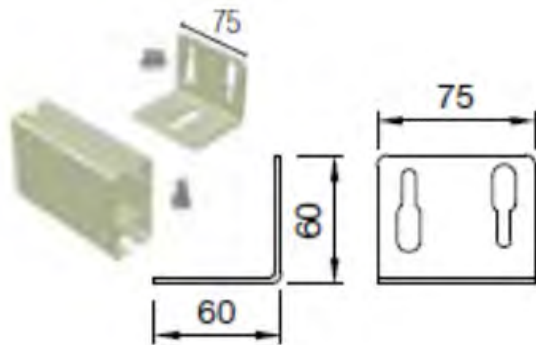
**I** = Dimension when awning is retracted

**P** = Actual Projection from wall

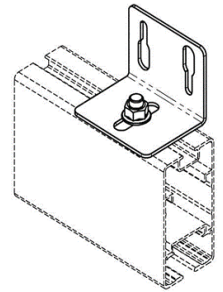
**M** = Horizontal distance

**A** = Slope





**L bracket assembly**



**Rear Wall Bracket assembly**

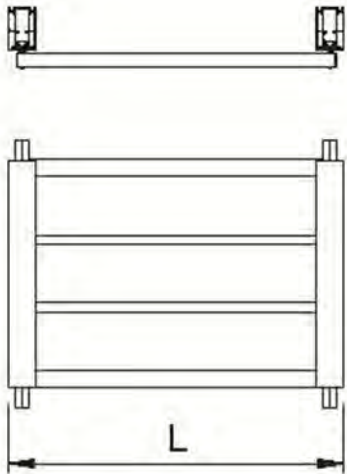


### Note:

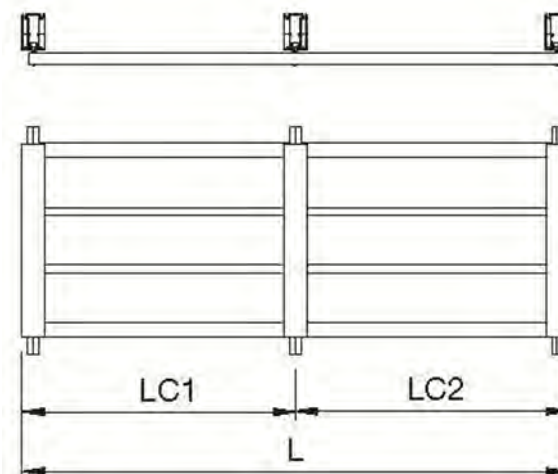
Maximum projection on TECNIC using between wall brackets without an intermediary support is 18 ft. (5.5 meters). Full available projection of 26' 2" (8 meters) can be accomplished using the alternative "L" brackets spaced evenly along a support beam.



**Front wall bracket assembly**



Minimum width motorized:  
 111 cm wide = 43 3/4" wide  
 as a type 1 system

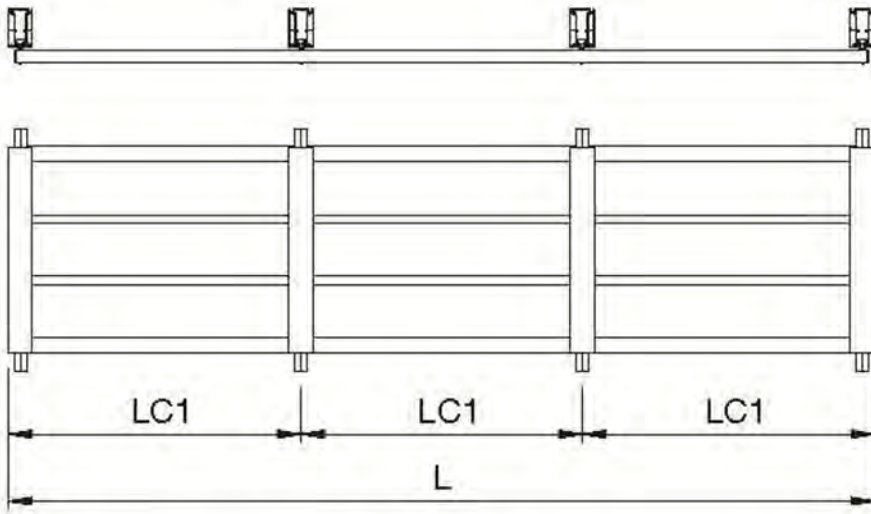


### **TYPE 1: TECNIC system**

**L = from 8' 1" to max 16' 5" wide**

### **TYPE 2: TECNIC system**

**2 spans (L from 16' 4" to 29' 6" max total  
 L1 & L2 from 6' 8" to 14' 8" wide**

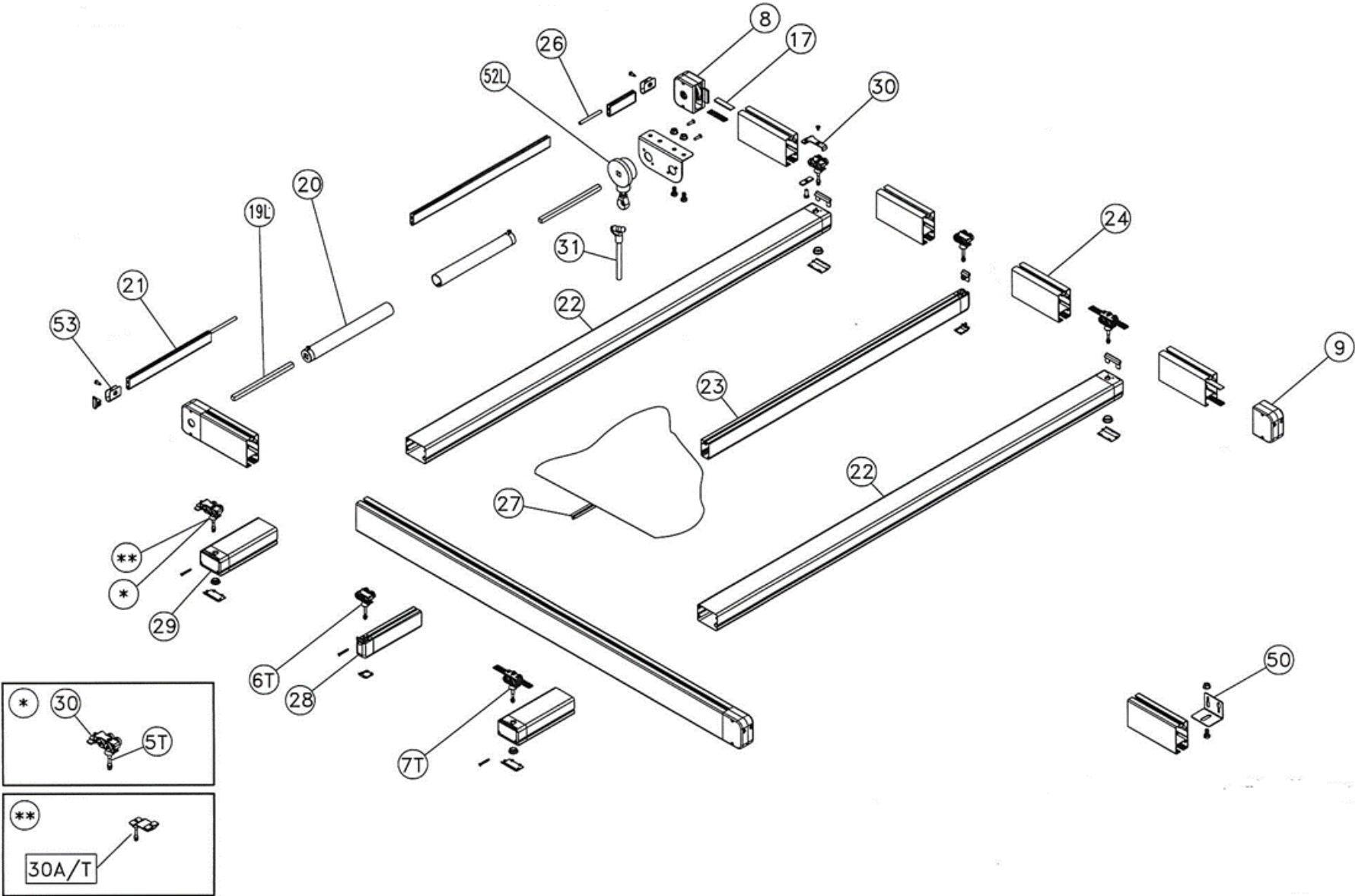


### **TYPE 3: TECNIC system**

**3 spans (L from 27' 10" to 42' 6")  
 L1, L2 & L3 from 6' 8" to 14' 1" wide**



# PERGOLA® TECNIC



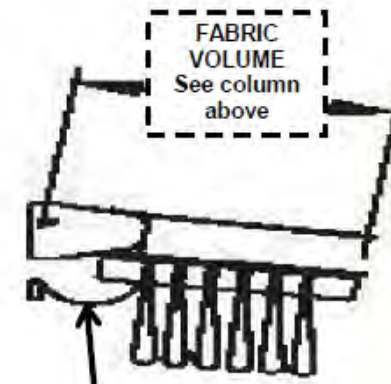
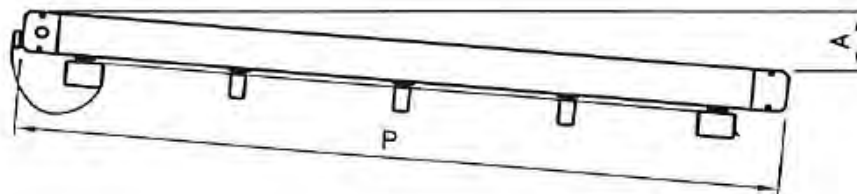


THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "TECNIC" UNIT WITH TAUT FABRIC FOR PROPER  
WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

### TECNIC

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED W/POCKET
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	19	8	23	10	27	11	29	12	30	12	30	12	3	18"
2.5M (8'-2")	24	10	29	12	34	14	37	15	38	15	38	15	4	19 3/4"
3.0M (9"-10")	29	12	35	14	41	17	44	18	45	18	45	18	5	21 3/4"
3.5M (11'-5")	34	14	41	17	48	19	51	21	53	21	53	21	6	23 1/2"
4.0M (13'-1")	38	15	46	19	54	22	58	23	60	24	60	24	7	25 1/4"
4.5M (14'-9")	43	17	52	21	61	25	66	26	68	27	68	27	8	27 1/8"
5.0M (16'-5")	48	19	58	23	68	27	73	29	75	30	75	30	9	29 1/8"
5.5M (18')	53	21	64	26	75	30	80	32	83	33	83	33	10	30 3/4"
6.0M (19'-8")	57	23	69	28	81	32	87	35	90	36	90	36	11	32 3/4"
6.5M (21'-4")	62	25	75	30	88	35	95	38	98	39	98	39	12	34 3/4"
7.0M (22'-11")	67	27	81	32	95	38	102	41	105	42	105	42	13	36 3/4"
7.5M (24'-7")	72	29	87	35	102	41	109	43	113	45	113	45	14	38 1/4"
8.0M (26'-2")	76	30	92	37	108	43	116	46	120	48	120	48	15	40 1/8"



FABRIC POCKET

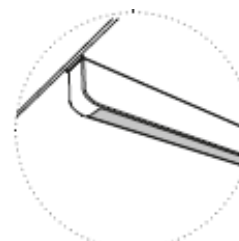
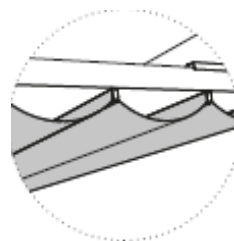
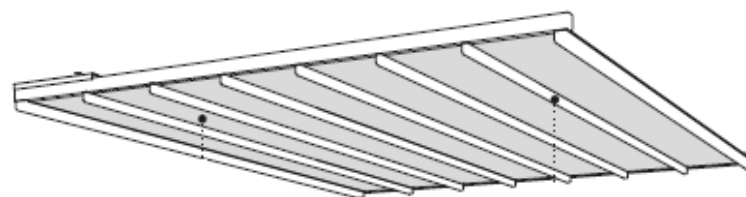
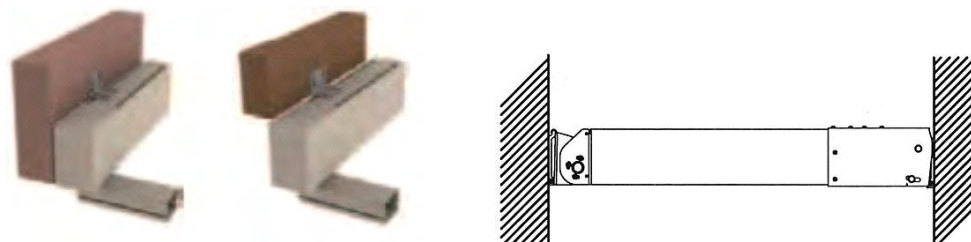
## Model: TECNIC ONE Pergola®



Application	Maximum Width	Maximum Projection	Options
Existing structure mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.	Undercover, LEDs, Heaters, Hood,

### PRODUCT FEATURES:

- Retractable fabric roof pergola.
- Standard Pergola system mounted to existing structure or between walls.
- Suitable for larger sized structures or areas.
- Ideal for flat installation with water drainage to sides.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.



## TECNIC ONE: Commercial Installations





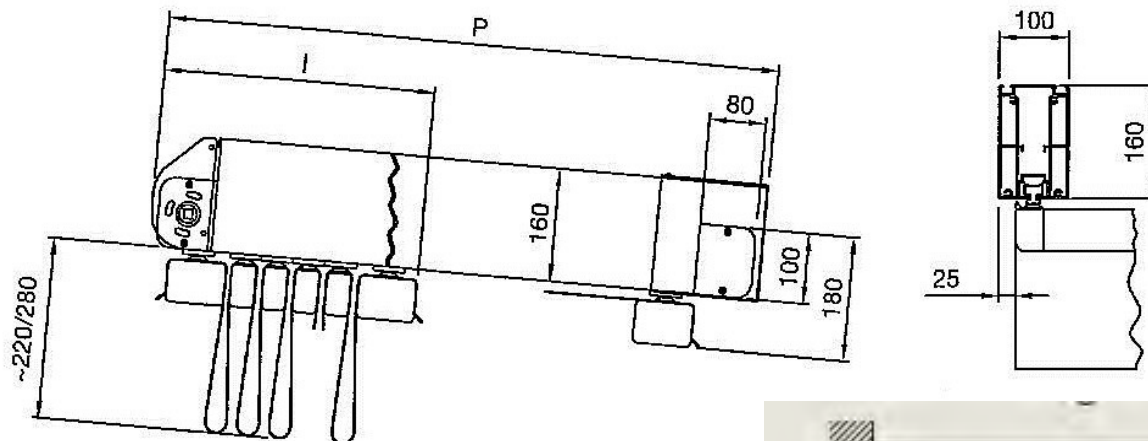
# TECNIC ONE: Residential Installations



Tecnic One above shown with custom framework added.



# TECNIC ONE Pergola® Technical information



## NOTE:

See minimum pitch diagram  
for proper water drainage

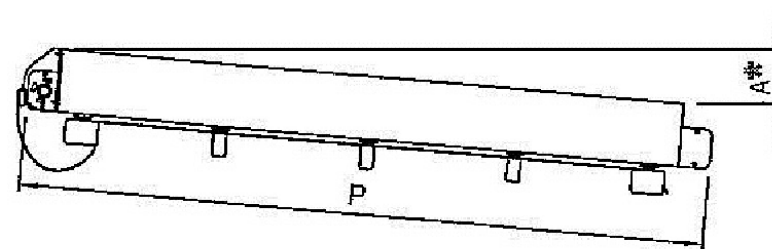
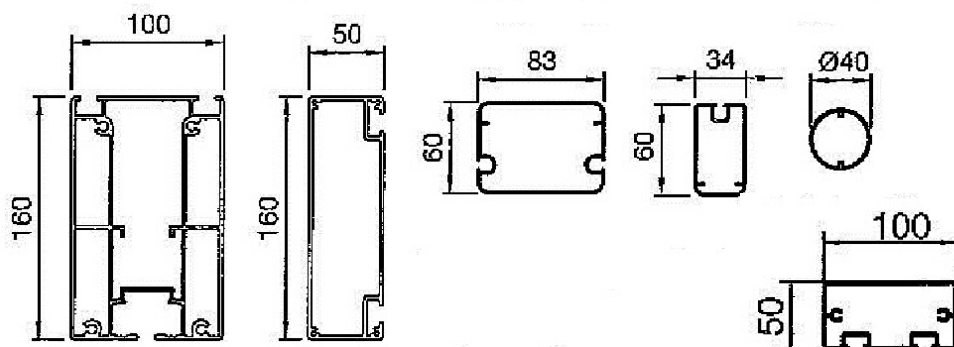
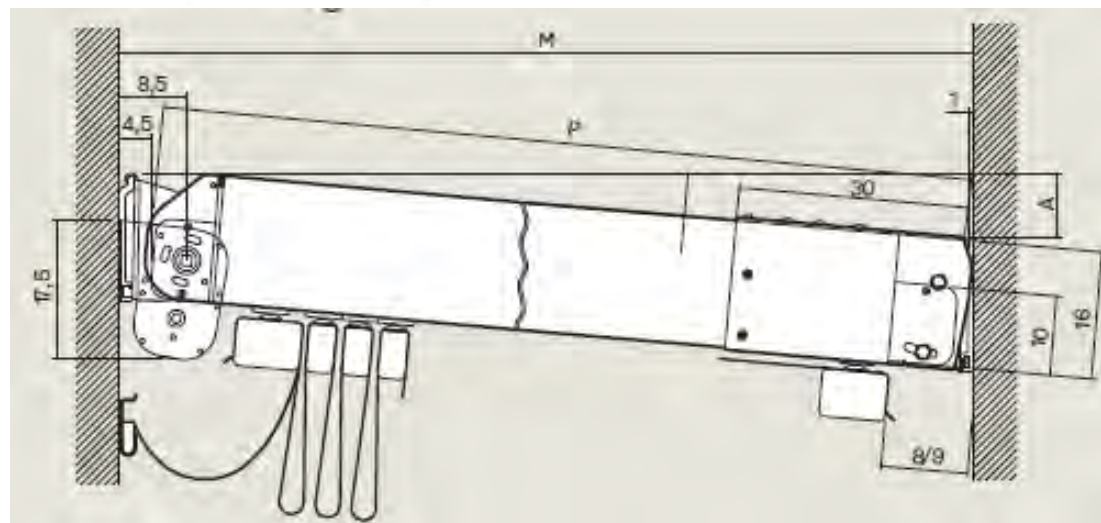
## Dimensions:

I = Dimension when awning is retracted

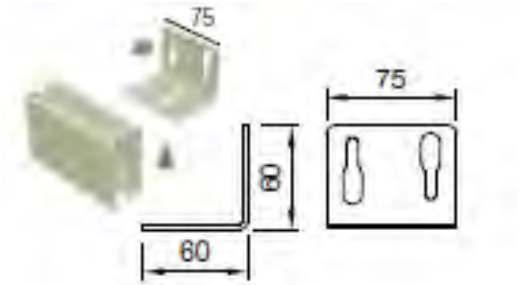
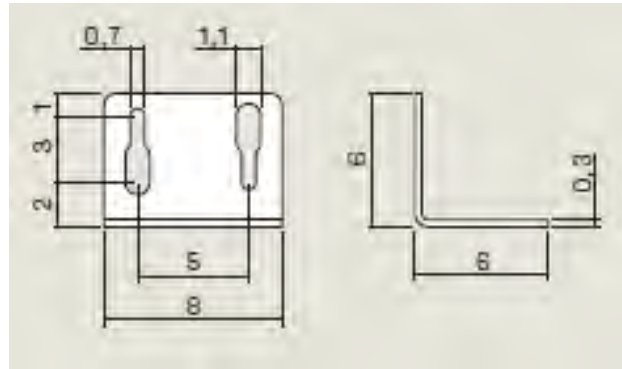
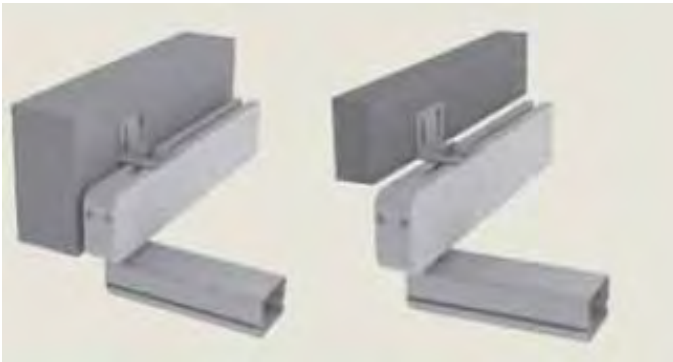
A = Awning slope

M = Actual Projection from wall

P = Actual Projection

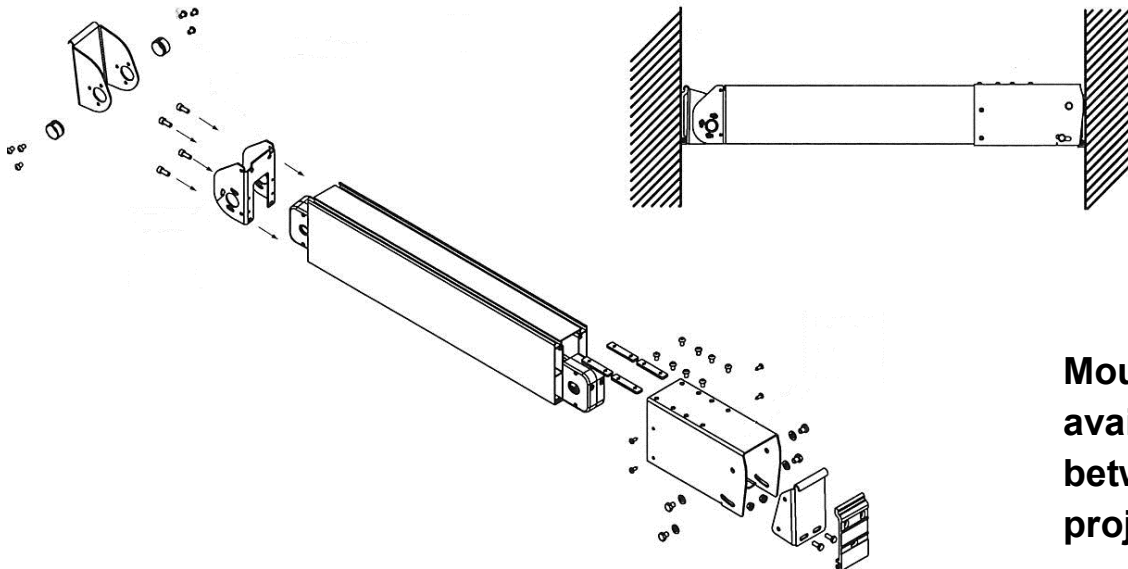






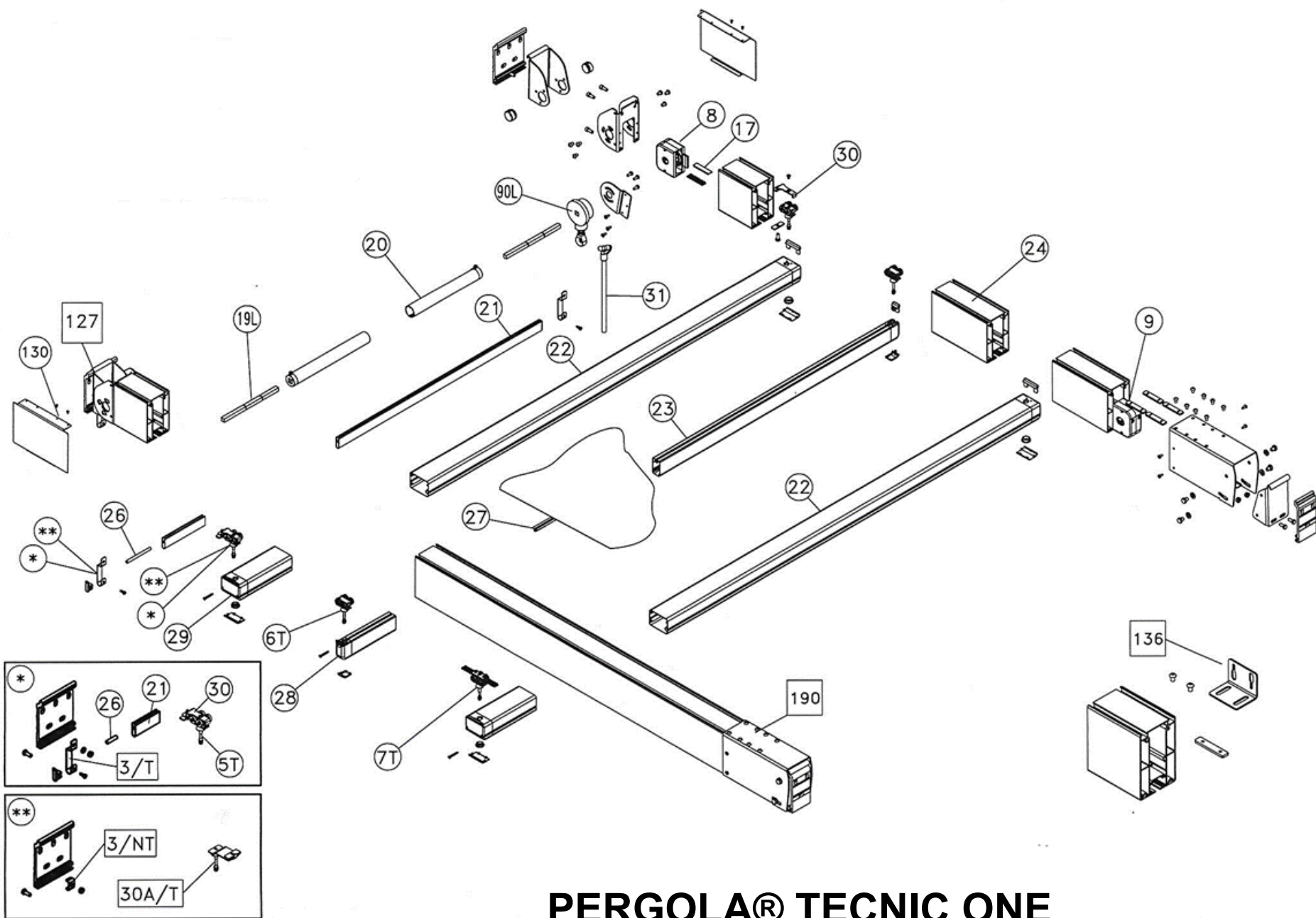
**L bracket option**

If mounting the guide profiles to a wood trellis or steel beam, special “L” brackets are spaced out evenly about every 6 ft. on each guide profile.



**Mounting between walls option**

Mounting between “walls” brackets are available up to the full projection of 29’ 6” between walls (see above). Finished projection is actual slope measurement.

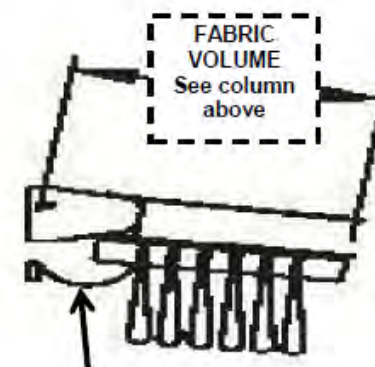
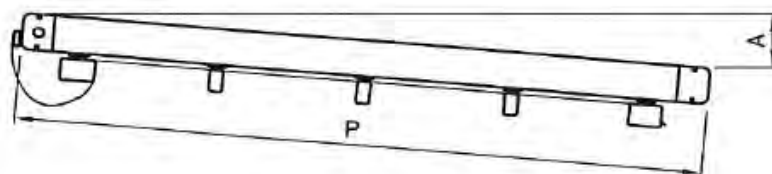


THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "ONE" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

Does not apply to Reverse model

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED W/POCKET
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	19	8	23	10	27	11	29	12	30	12	30	12	3	18"
2.5M (8'-2")	24	10	29	12	34	14	37	15	38	15	38	15	4	19 3/4"
3.0M (9"-10")	29	12	35	14	41	17	44	18	45	18	45	18	5	21 3/4"
3.5M (11'-5")	34	14	41	17	48	19	51	21	53	21	53	21	6	23 1/2"
4.0M (13'-1")	38	15	46	19	54	22	58	23	60	24	60	24	7	25 1/4"
4.5M (14'-9")	43	17	52	21	61	25	66	26	68	27	68	27	8	27 1/8"
5.0M (16'-5")	48	19	58	23	68	27	73	29	75	30	75	30	9	29 1/8"
5.5M (18')	53	21	64	26	75	30	80	32	83	33	83	33	10	30 3/4"
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7.0M (22'-11")	67	27	81	32	95	38	102	41	105	42	105	42	13	36 3/4"
7.5M (24'-7")	72	29	87	35	102	41	109	43	113	45	113	45	14	38 1/4"
8.0M (26'-2")	76	30	92	37	108	43	116	46	120	48	120	48	15	40 1/8"
8.5M (27'-11")	81	32	98	39	115	46	124	49	128	51	128	51	16	42 1/8"
9.0M (29'-6")	86	34	104	41	122	49	131	52	135	54	135	54	17	44 1/8"



FABRIC POCKET

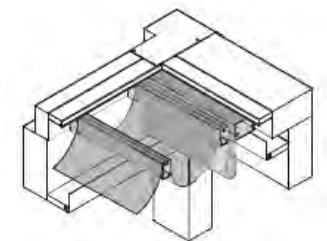
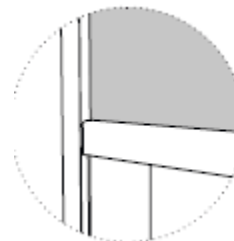
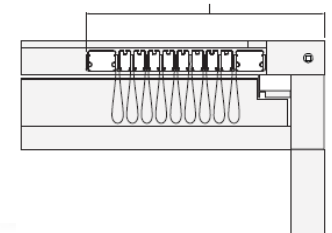
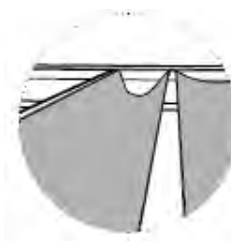
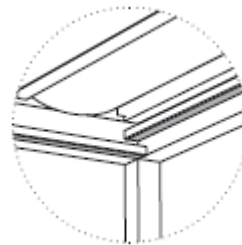
## **Model: NOMO & RIALTO Bioclimatic Pergola®**



Application	Maximum Width	Maximum Projection	Options
Free Standing or Wall Mounted Commercial & Residential	5.5 m / 18 ft. wide per module	7 m / 22' 11" proj.	Undercover, LEDS, Heaters, Side Screens

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Ideal for free standing or wall mounted applications or where flat installations are required.
- Integrated gutter and downspouts for water drainage.
- Arched fabric for better water management.
- Multiple modules can be mounted side by side with common posts to create larger width.
- All aluminum frame powder coated
- Motorized all sizes.
- Screens optional on NOMO model only.
- Ideal for adding roll down zipper screens.





## NOMO & RIALTO: Commercial Installations





# NOMO & RIALTO: Residential Installations



# **NOMO & RIALTO ADVANTAGES**

The rounded arched fabric allows for a compact structure design. The supporting profile and guides are 12 ½" high (32 cm).

Tilting gutter is a Pratic patent managing water discharge within the structure. Optional telescoping post feet are available for ease of installation.

For greater perimeter protection, the NOMO model can be configured with retractable RASO zipper screens within the structural elements.

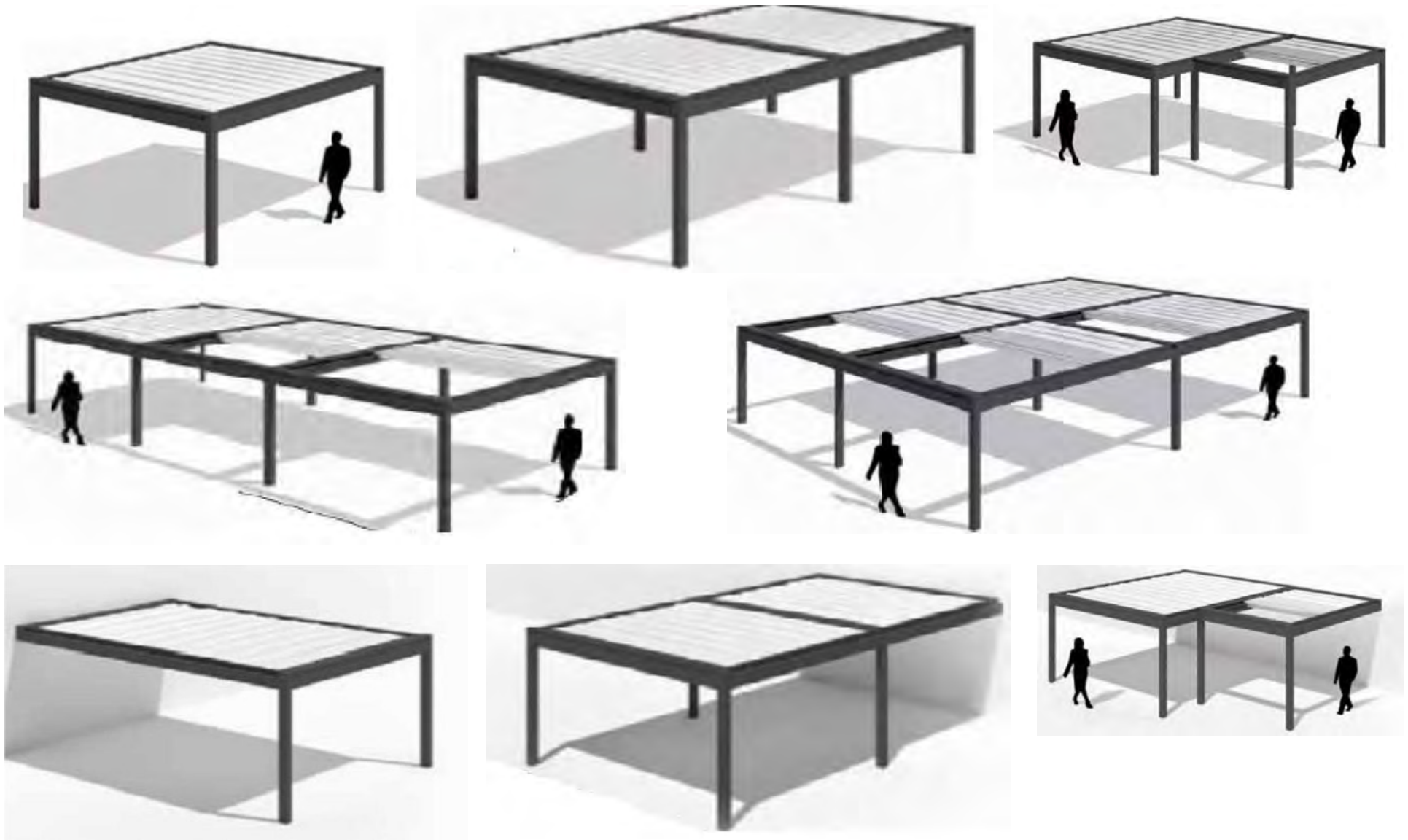


The NOMO & RIALTO offers more pre-assembled structure components for a safer an easier installation on site.

The NOMO & RIALTO RGB LED multi colored lighting offers a fascinating elegant remote controlled lighting option (White lights included).

NOMO & RIALTO is a solid made to measure structure that can reach large sizes (18' x 22' 11"). Coupling of multiple structures is possible with minimal intermediate posts.

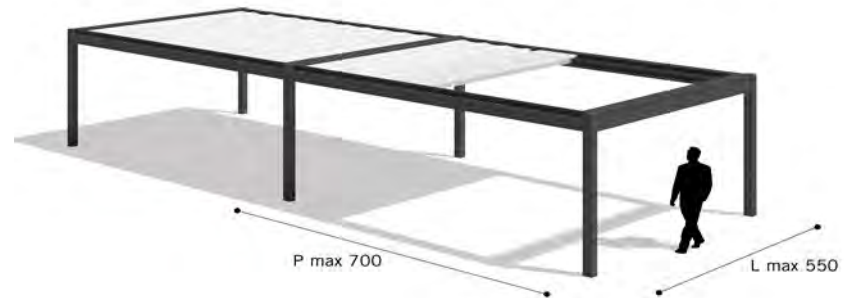
## NOMO & RIALTO: Some possible model configurations



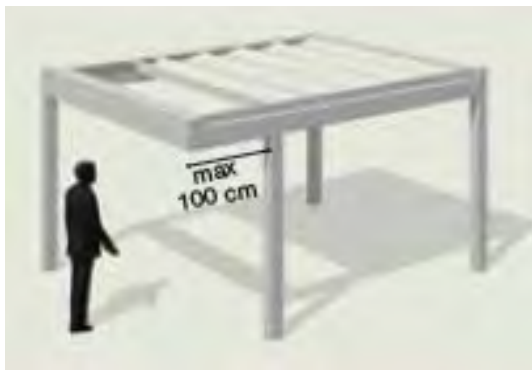


## More configurations

STRUCTURES JOINED ALONG DEPTH SIDE P WITH DIFFERENT WIDTHS



RASO SCREENS NOMO ONLY



Cantilevered post maximum 100 cm or  
39" from corner.



## Out of standard configurations



**Inquire with Sunair® office on any system that pairs modules on both the (L) width side and (P) projection side simultaneously at the same time.**



**Inquire with Sunair office on this possibility eliminating center post at front**

**Available with max width 6 meters x 4 meters projection (19' 8" Wide x 13' 1 1/2" Projection). Optional cantilevered posts not available in this configuration.**



**Rialto unit mounted wall to wall.**  
**Available with Rialto single module only. Max size in this configuration is 5.5 meters x 7 meters projection (approx.: 18' w x 22' 11" proj.)**  
**Please inquire with Sunair on exact size available.**

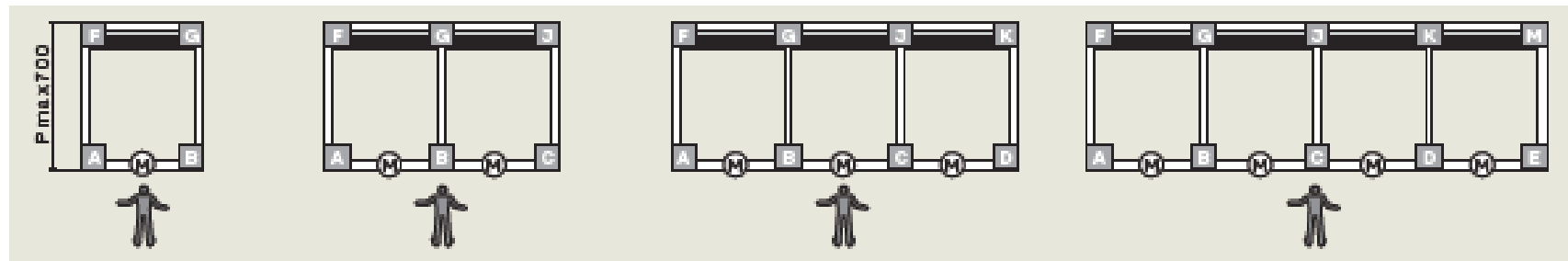


**Also inquire on uneven sections or modules to be joined.**



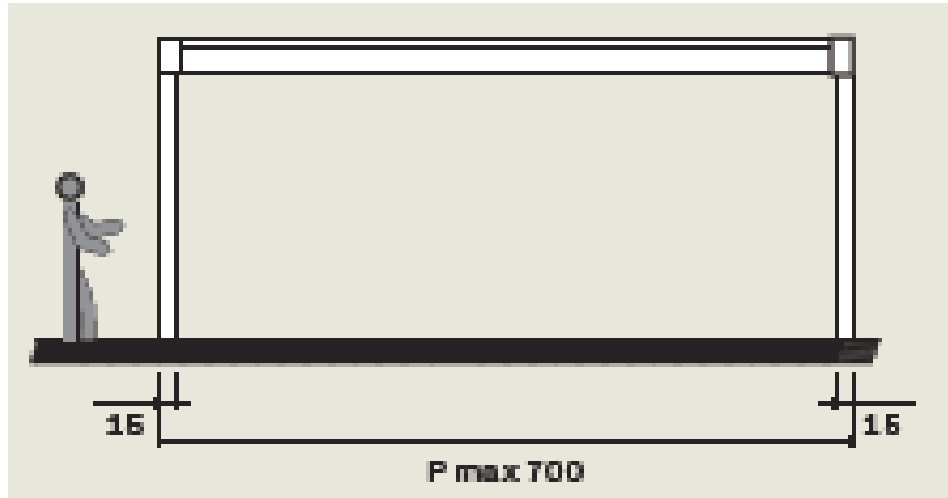
# NOMO

01L : Free standing and if multiple Coupled on projection side.

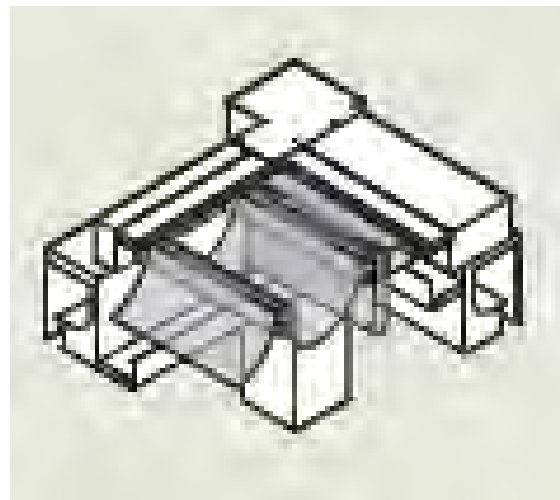
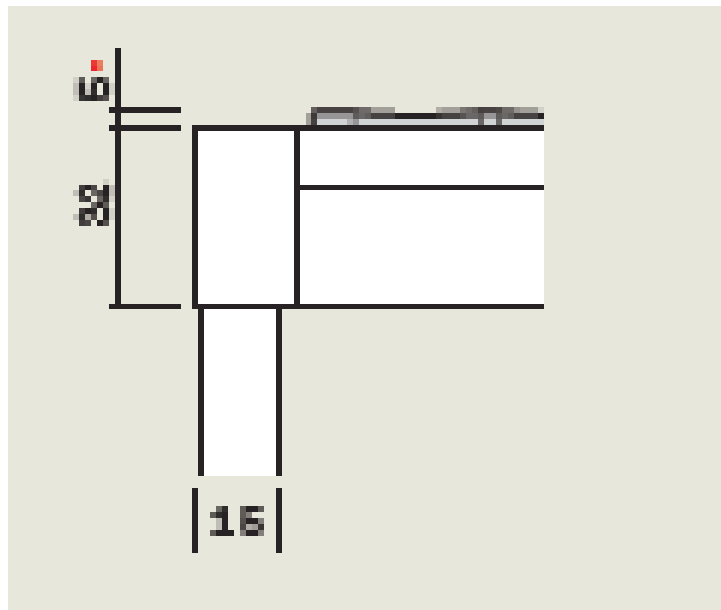
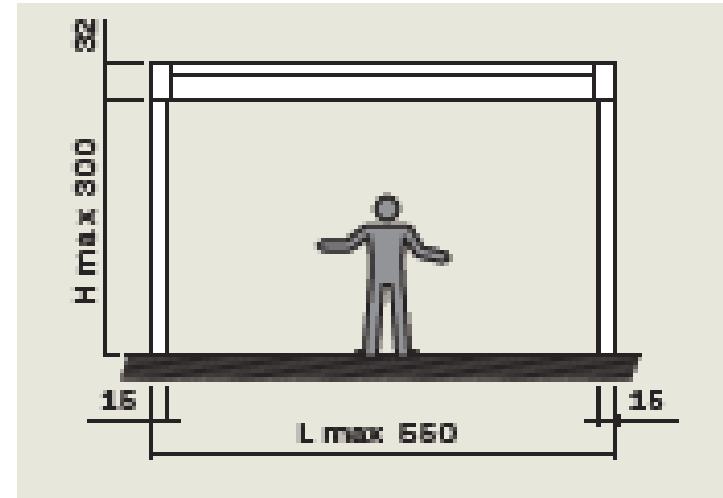


## 01L : NOMO Free standing con't.

SIDE VIEW



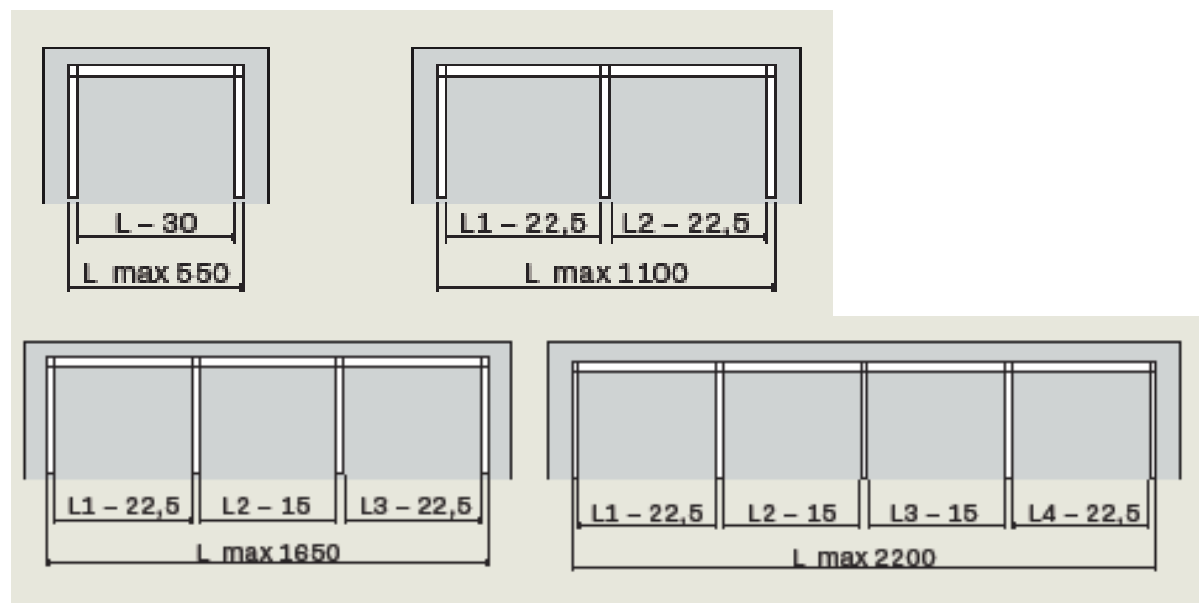
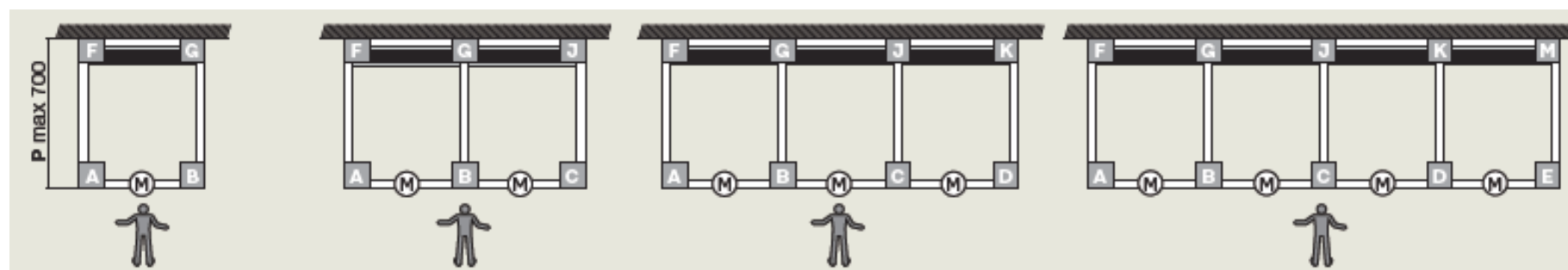
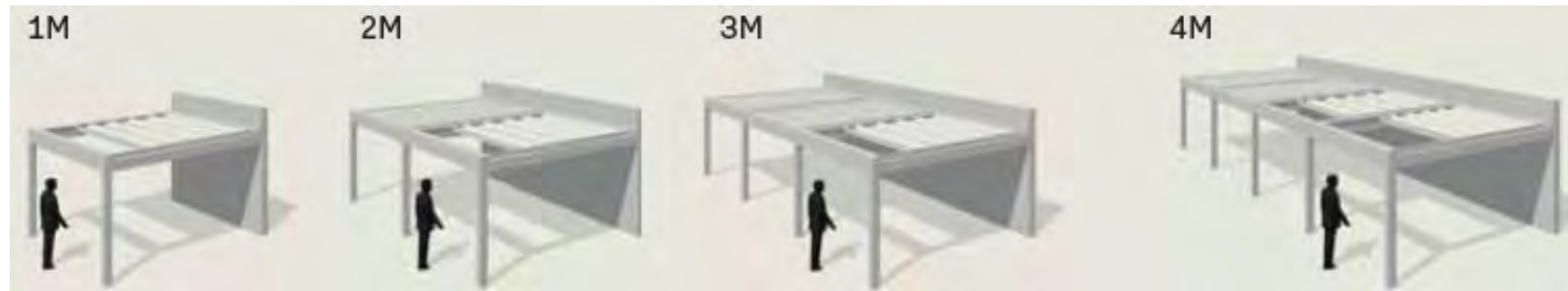
FRONT VIEW



\*NOTE: Maximum projection of the cover centered of structure

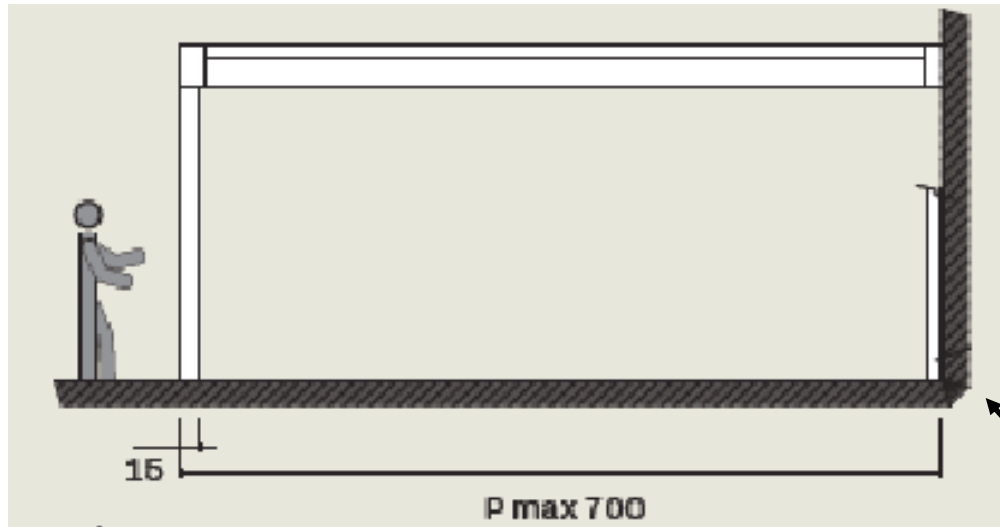


## NOMO 02L : Wall Mounted and if multiple Coupled on projection side.

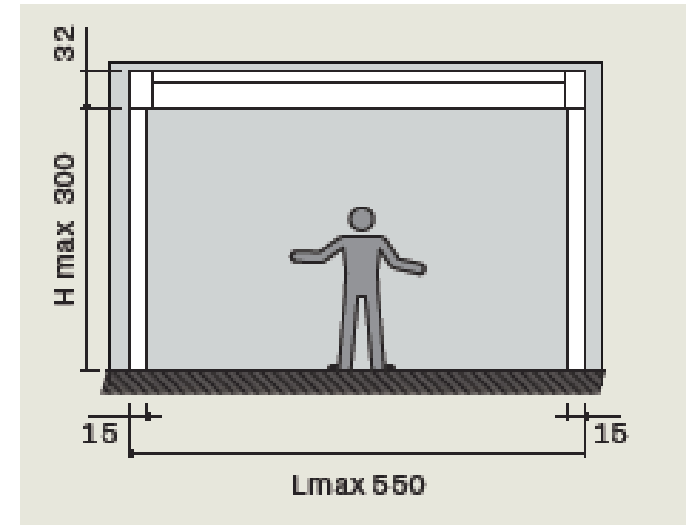


## NOMO 02L : Wall Mounted con't.

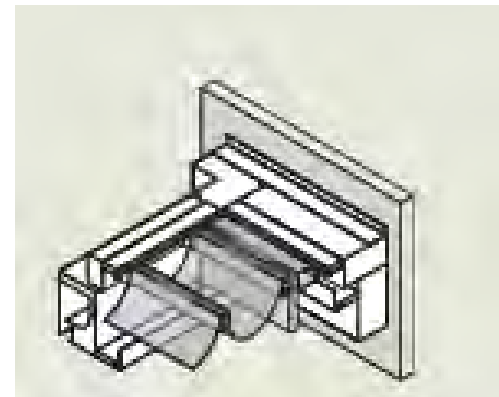
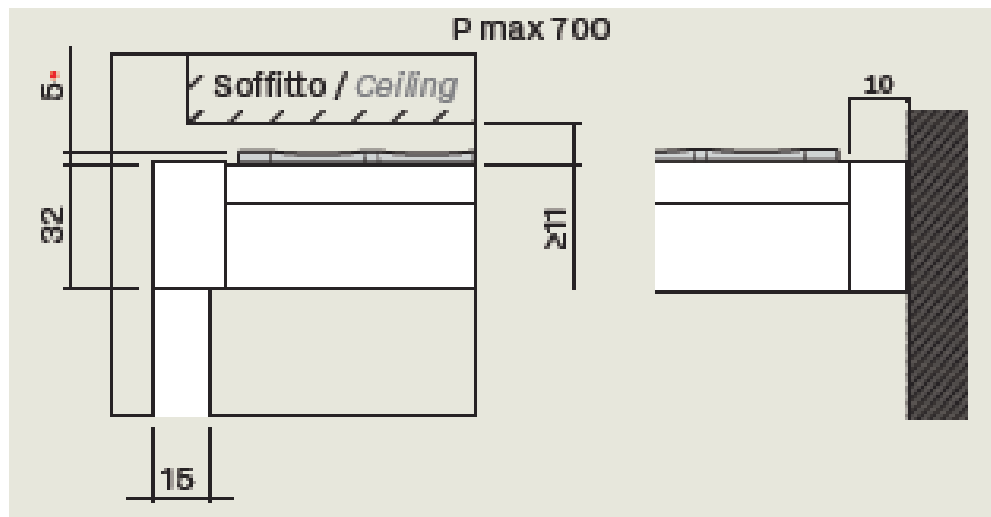
SIDE VIEW



FRONT VIEW

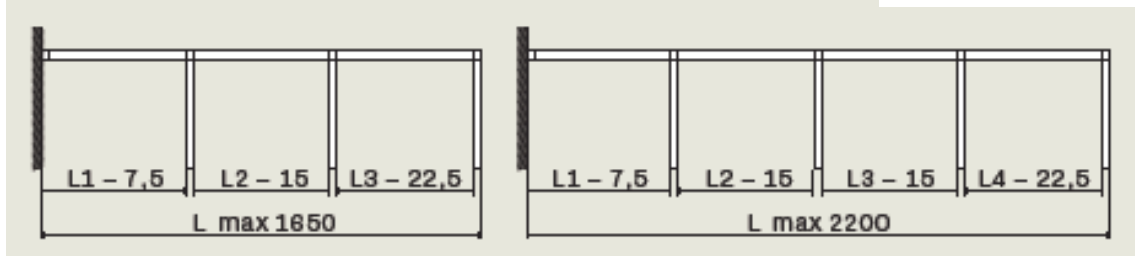
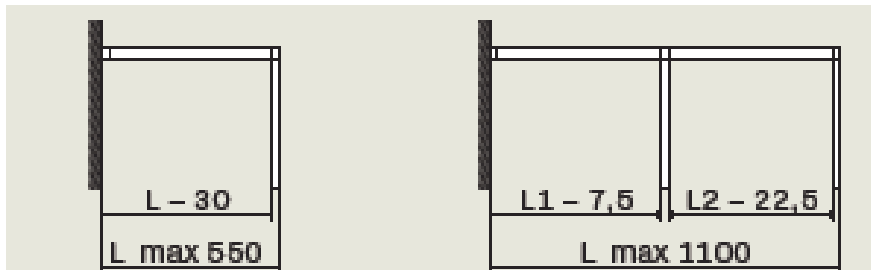
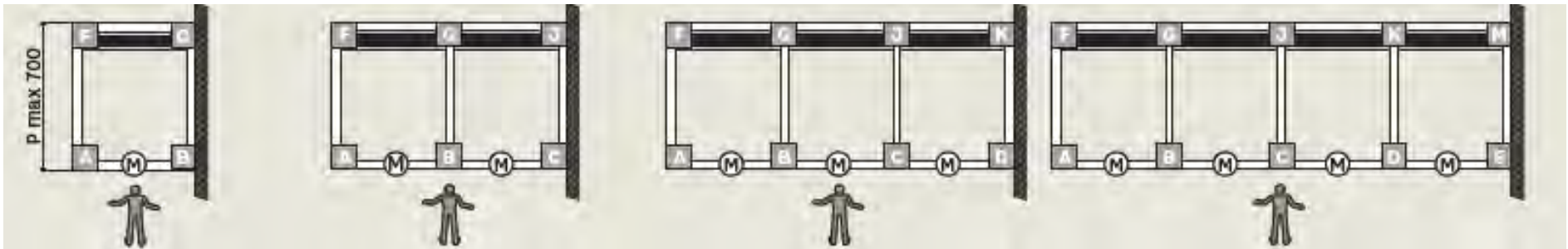


Compensation profile added with RASO screens 10 cm x 15 cm



\*NOTE: Maximum projection of the cover centered of structure

## NOMO 03L : Wall Mounted and if multiple Coupled on width side.

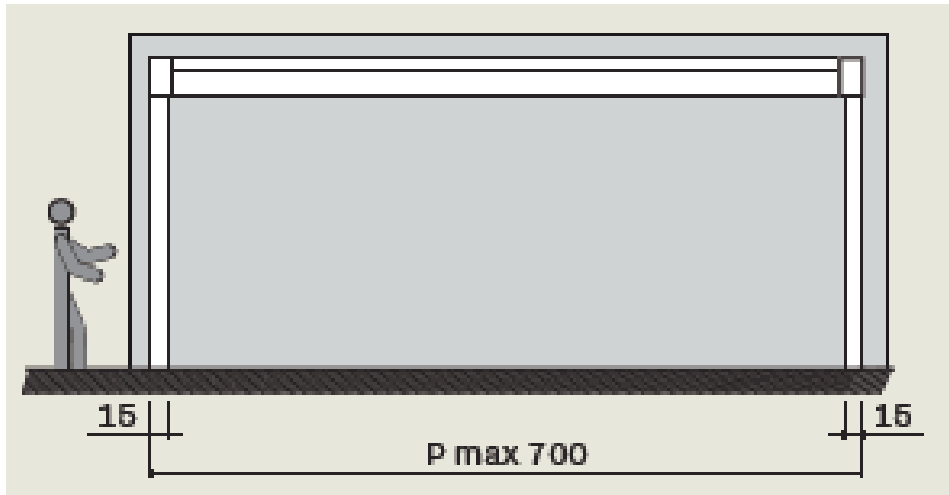


### Note:

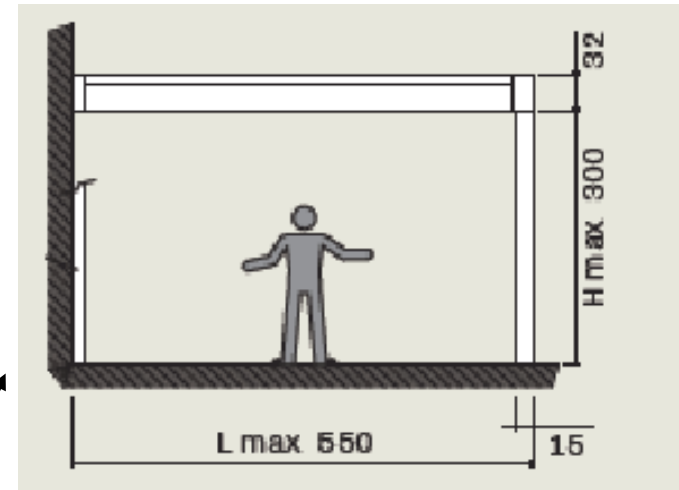
Drainage capability is reduced on this version due to one side being at the wall.

## NOMO 03L : Wall Mounted con't.

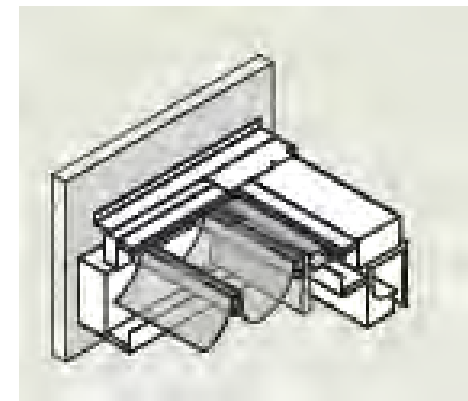
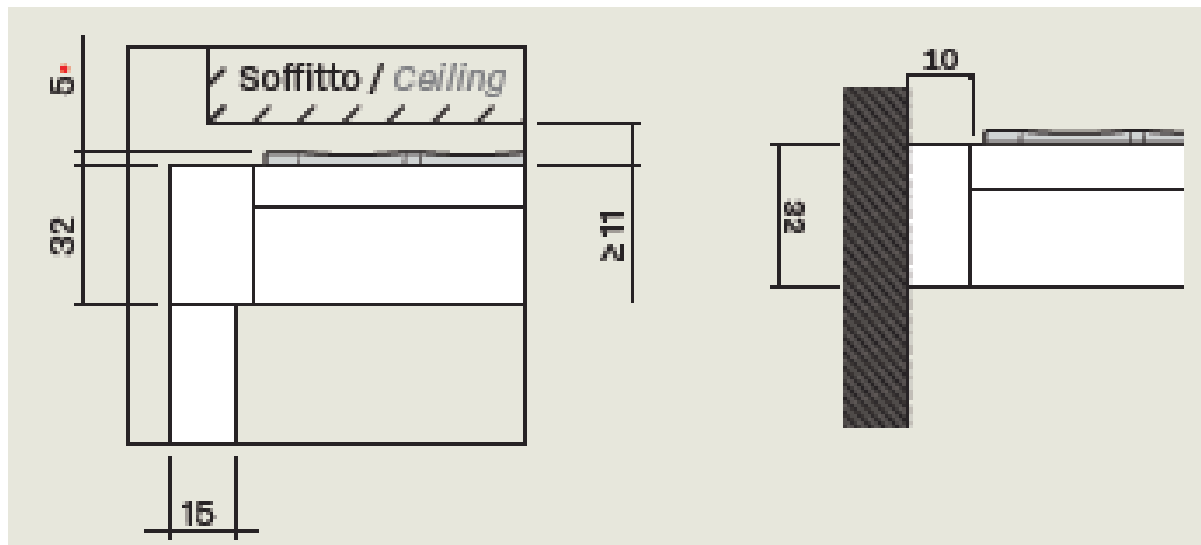
SIDE VIEW



FRONT VIEW



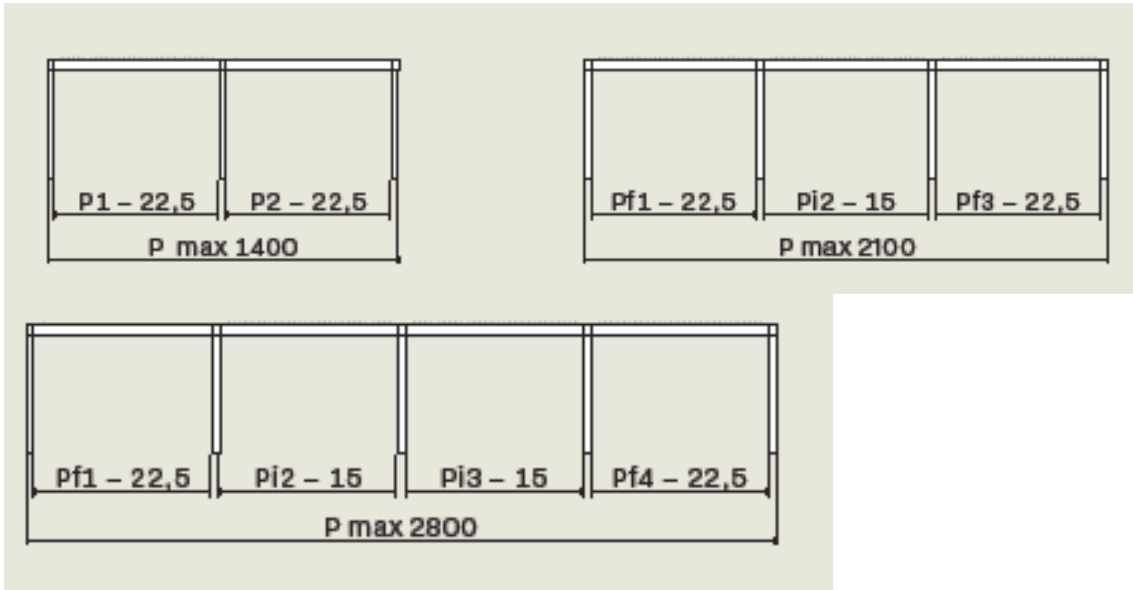
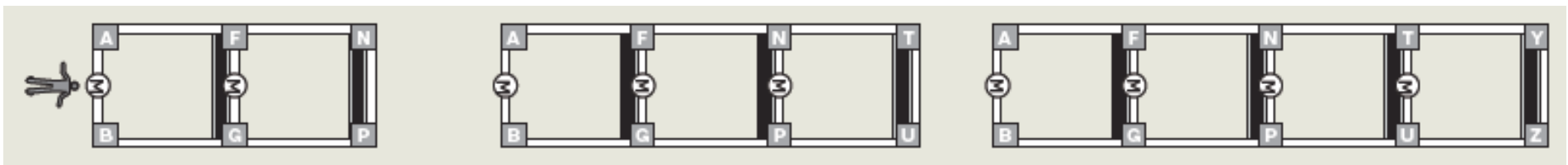
Compensation profile added with RASO screens 10 cm x 15 cm



\*NOTE: Maximum projection of the cover centered of structure

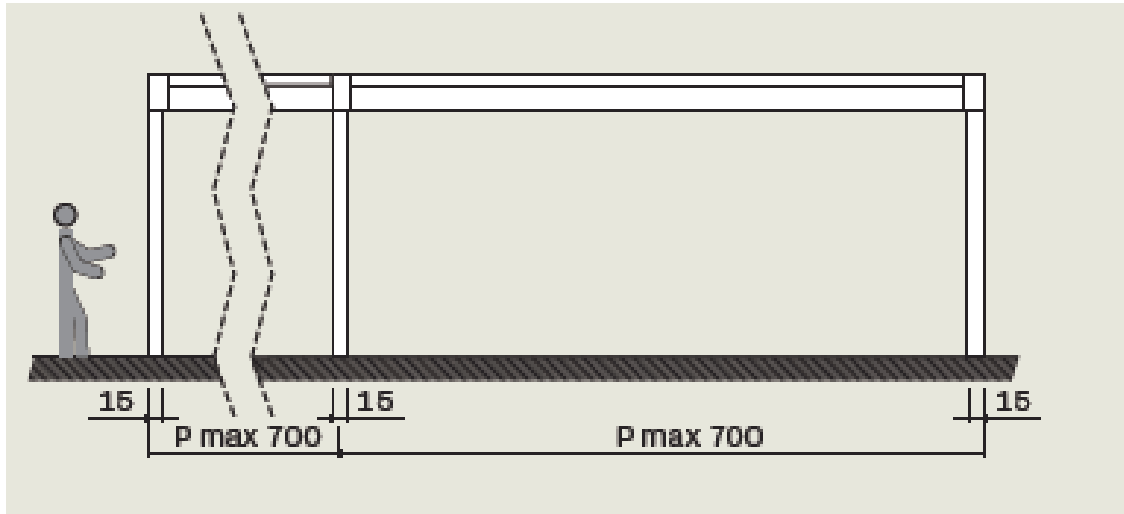


## NOMO 01P : Free Standing and if multiple Coupled on width side.

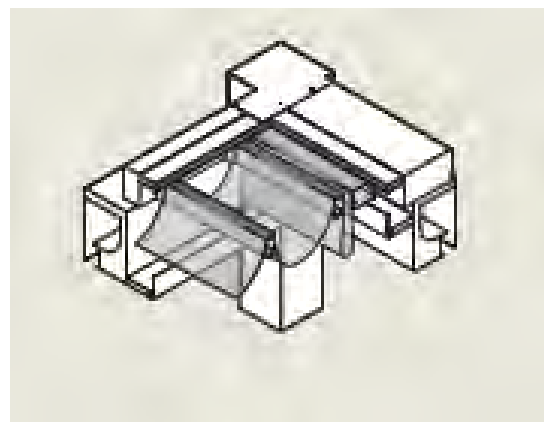
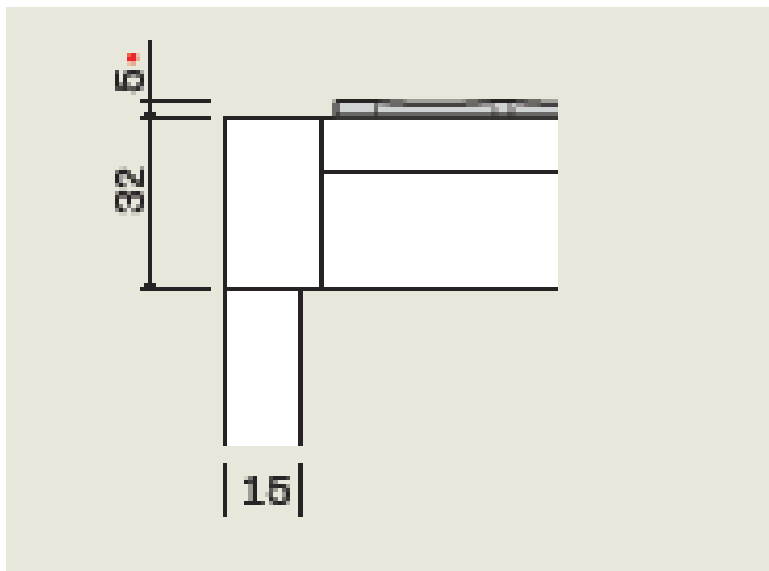
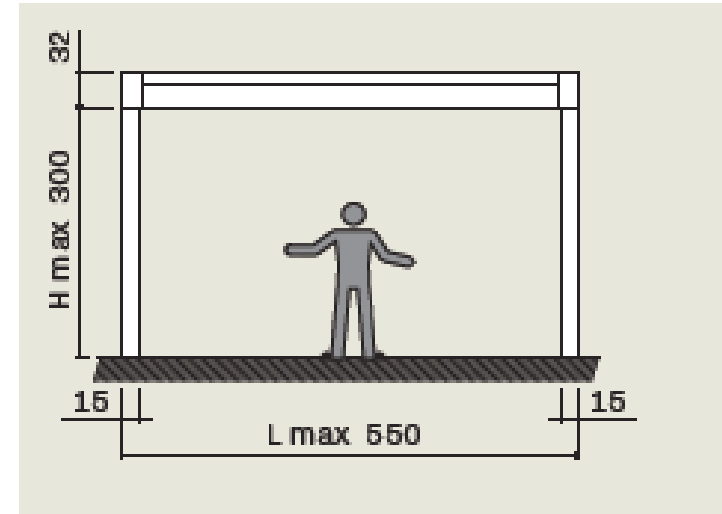


## NOMO 01P : Free Standing con't.

SIDE VIEW

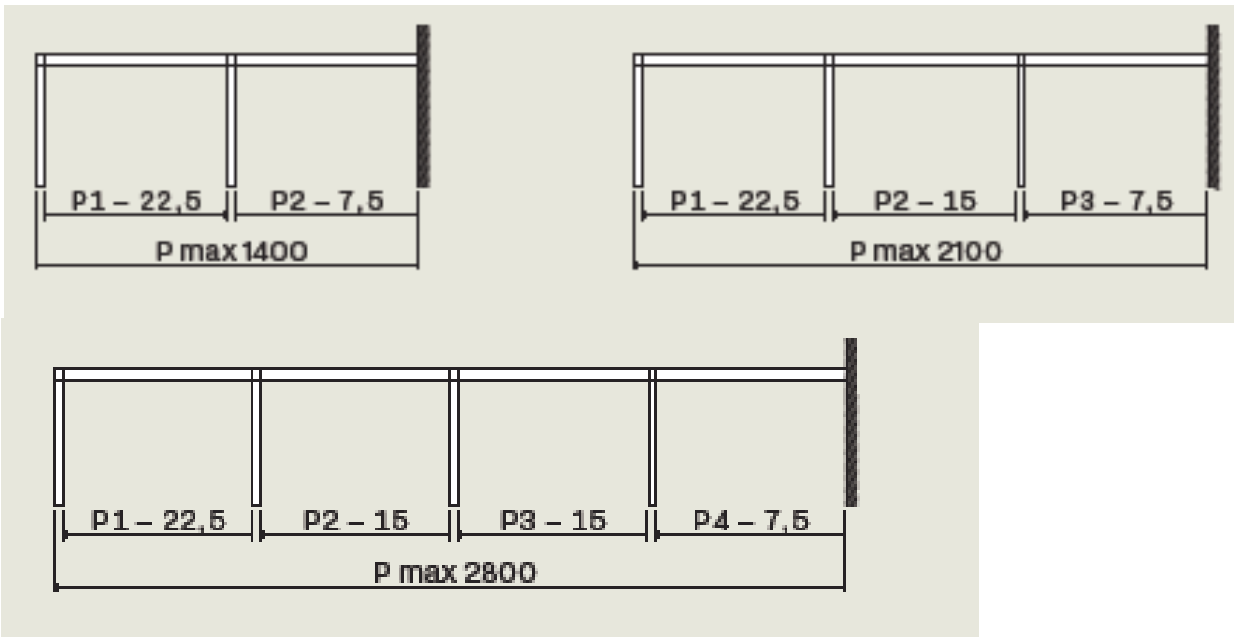
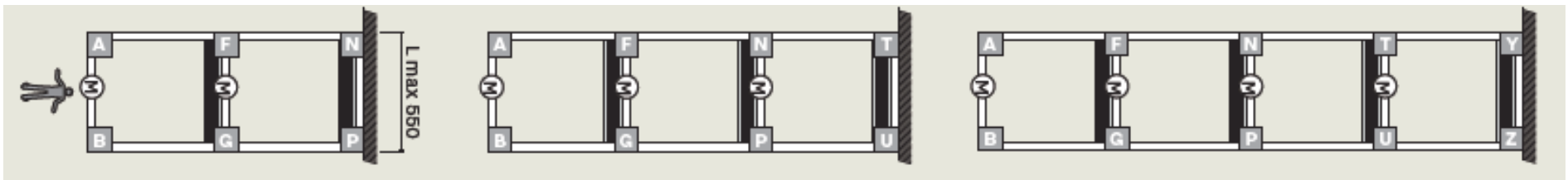


FRONT VIEW



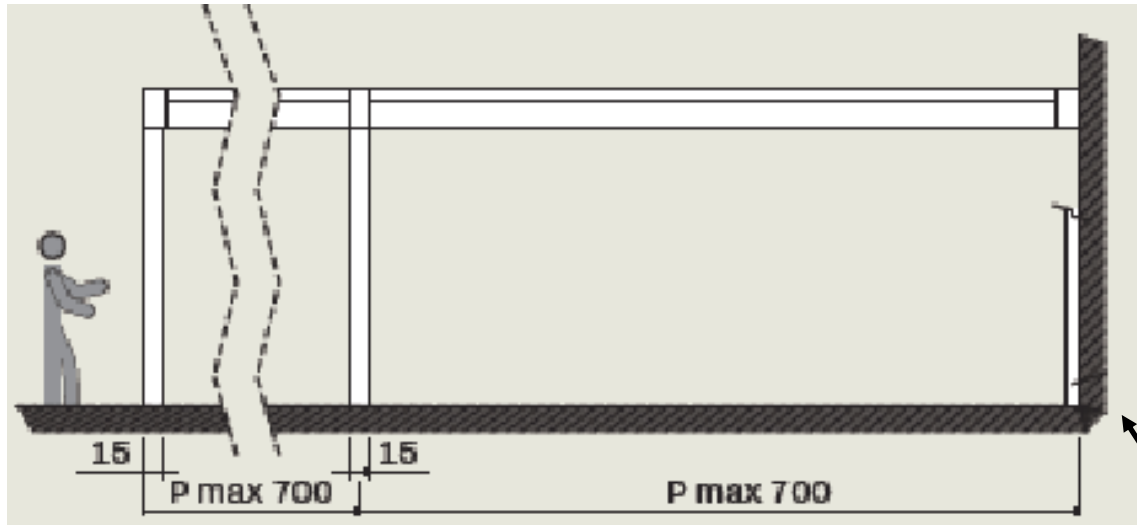
\*NOTE: Maximum projection of the cover centered of structure

## NOMO 02P : Wall Mounted and if multiple Coupled on width side.

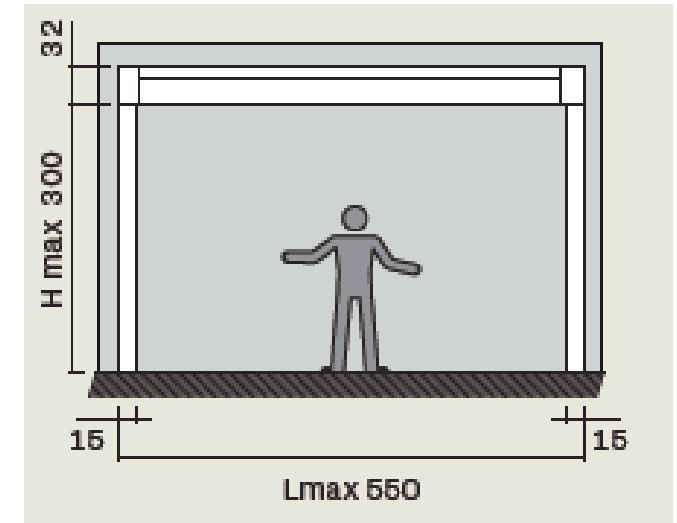


## NOMO 02P : Wall Mounted con't.

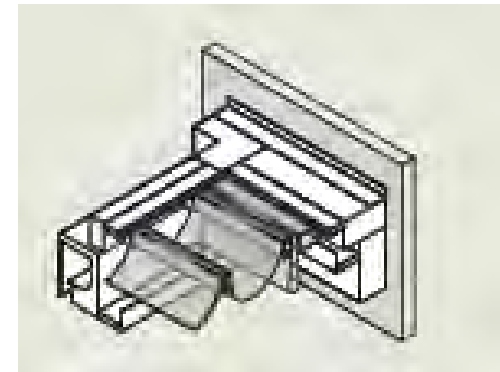
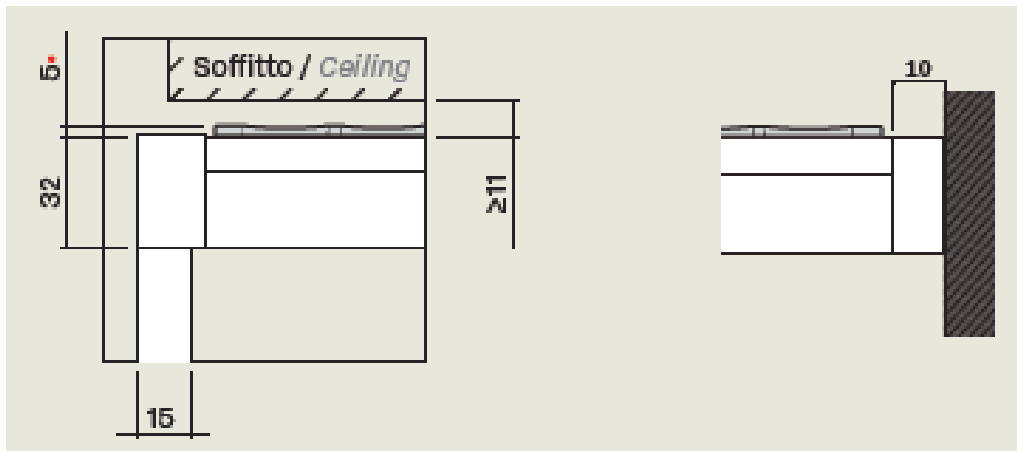
SIDE VIEW



FRONT VIEW



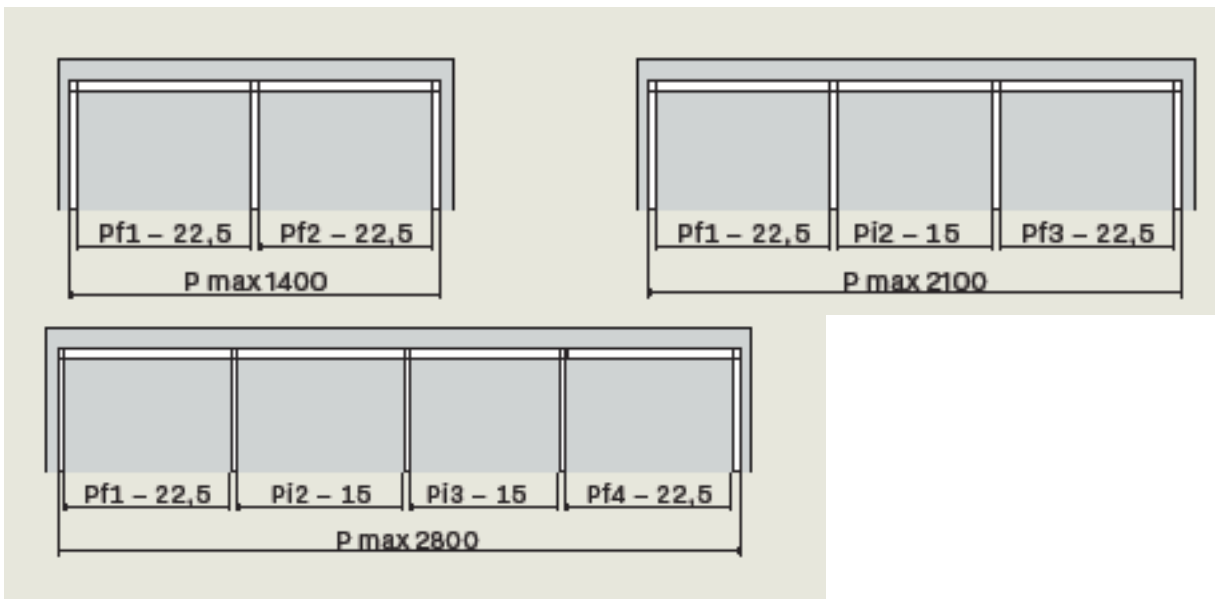
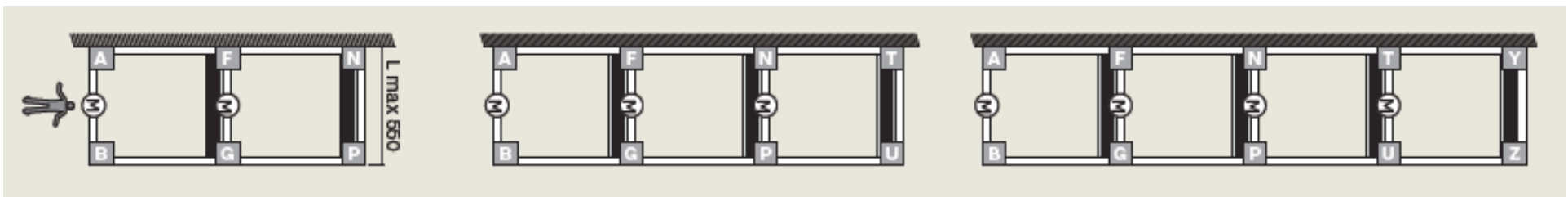
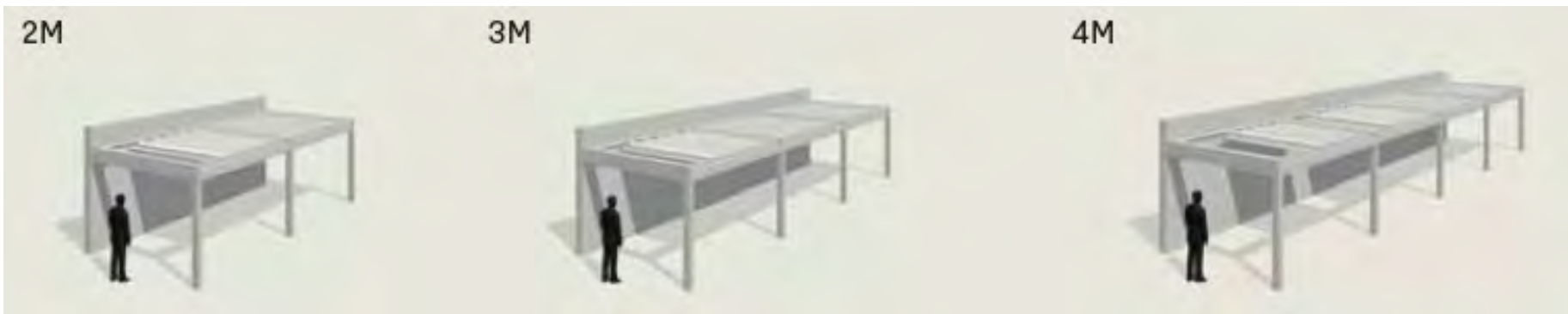
Compensation profile added with RASO screens 10 cm x 15 cm



\*NOTE: Maximum projection of the cover centered of structure



## NOMO 03P : Wall Mounted and if multiple Coupled on Projection side.

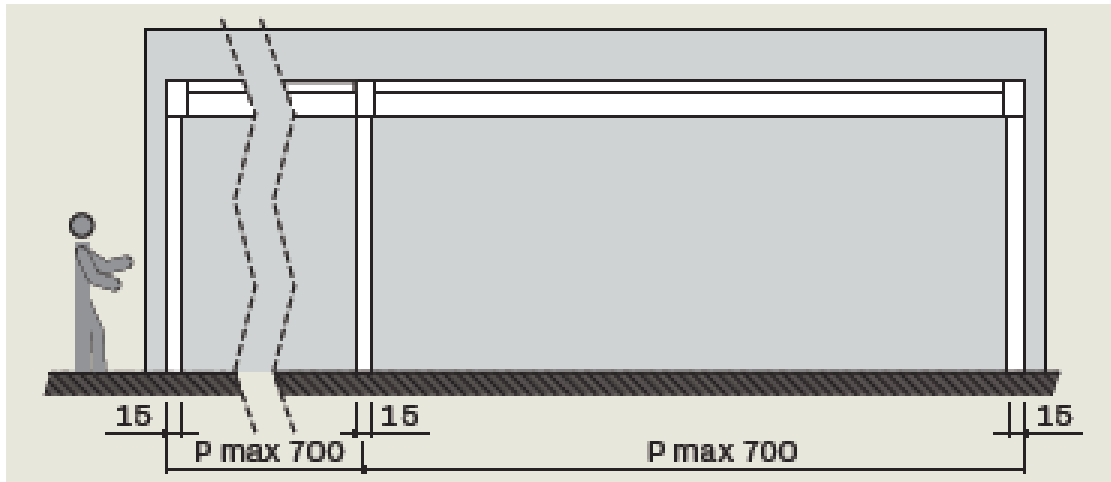


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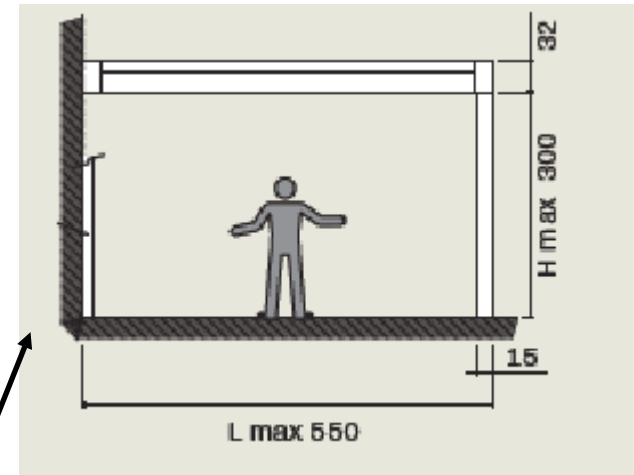
Drainage capability is reduced on this version due to one side being at the wall.

## NOMO 03P : Wall Mounted con't.

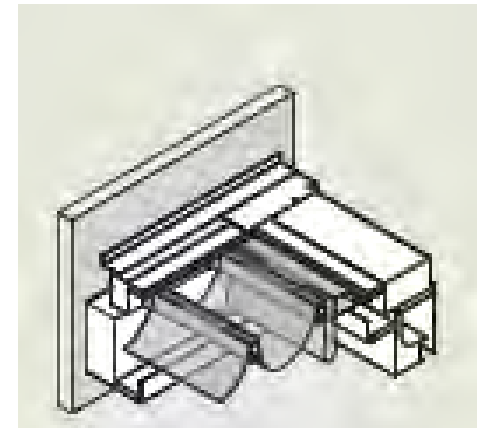
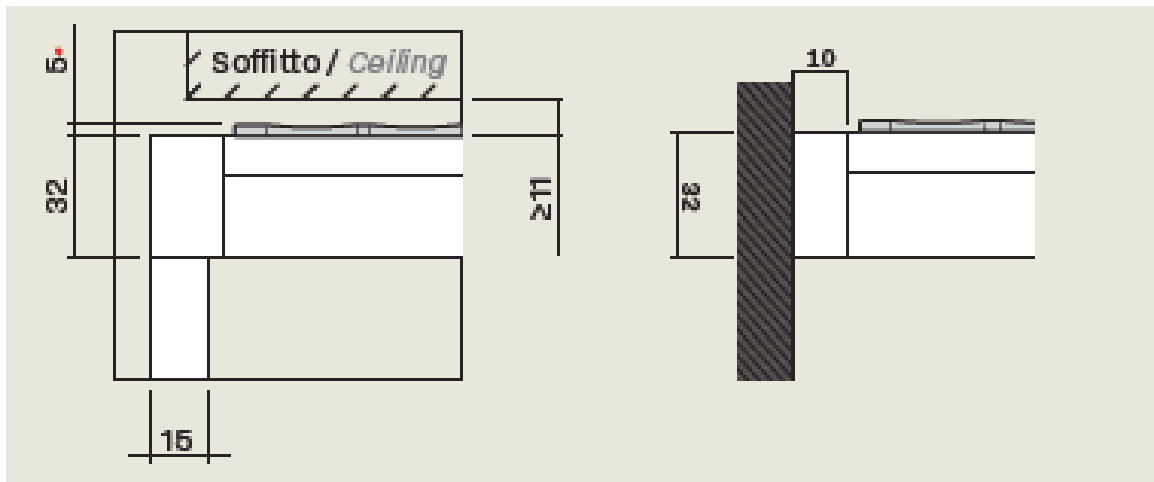
SIDE VIEW



FRONT VIEW



Compensation profile added with RASO screens 10 cm x 15 cm



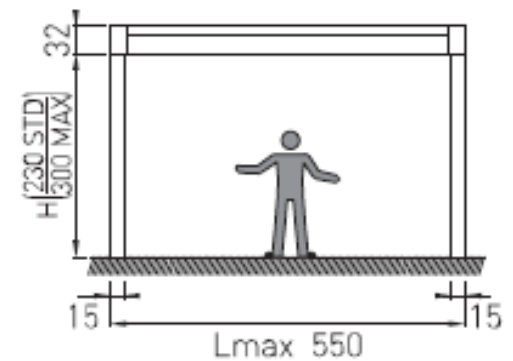
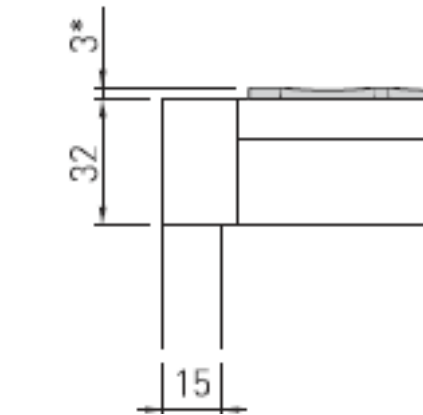
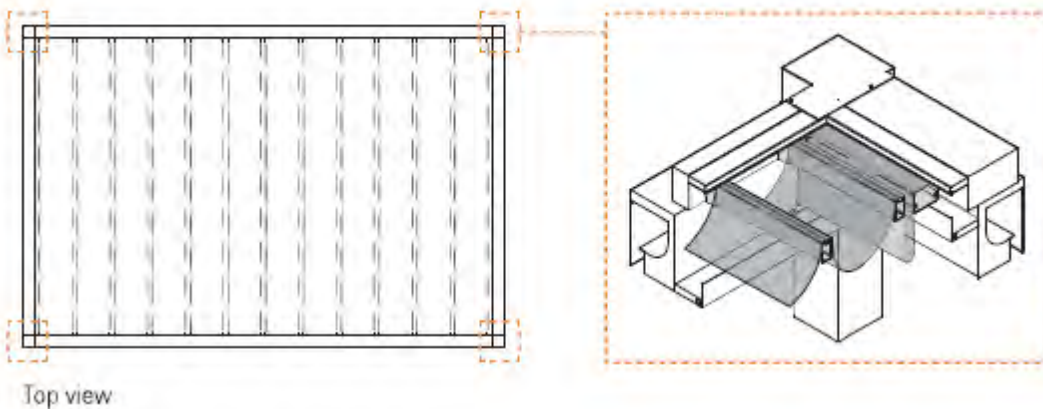
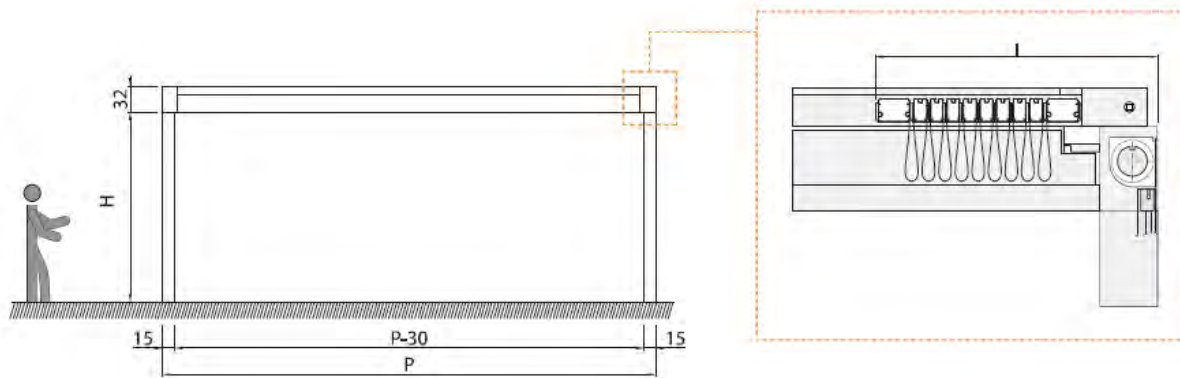
\*NOTE: Maximum projection of the cover centered of structure

Multiple NOMO structures can be combined to cover larger spaces both in width and projection. To couple units together middle beams and posts are deducted from the configuration.

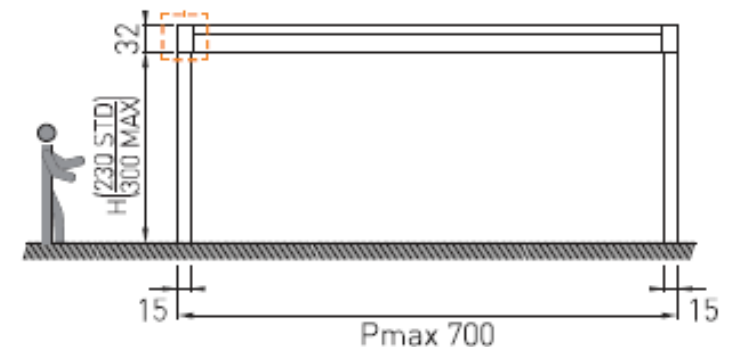
**Max size one unit with 4 posts / 1 span fabric**

**L = width = from 6' 6" to 18' wide ( 550 cm)**

**P = projection = from 6' 6" to 22' 11" projection (700 cm)**



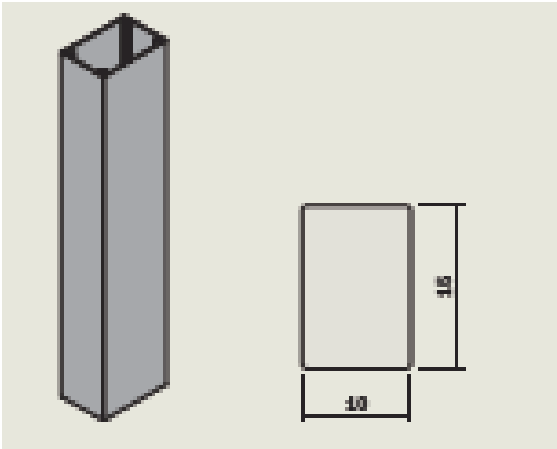
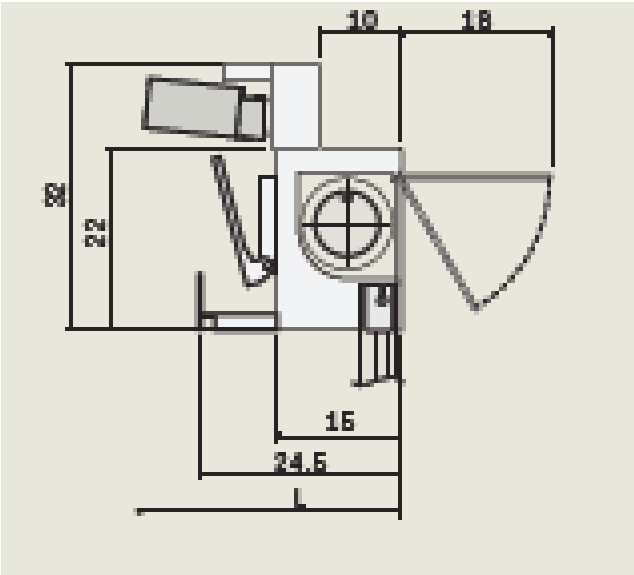
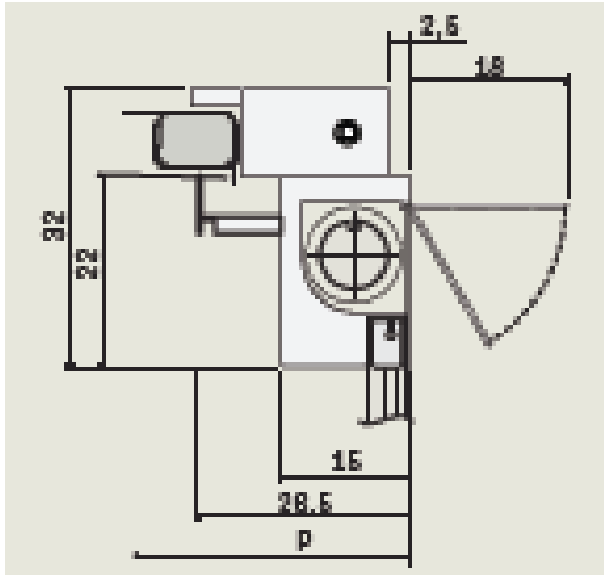
Front view



Side view

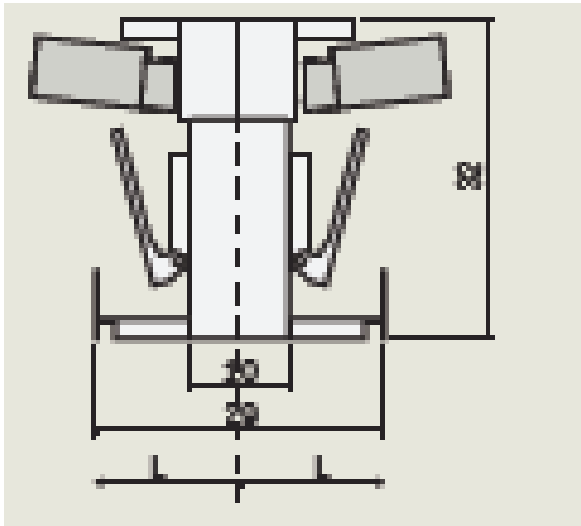
# NOMO Technical Details.

Supporting Box Profile with Raso shown

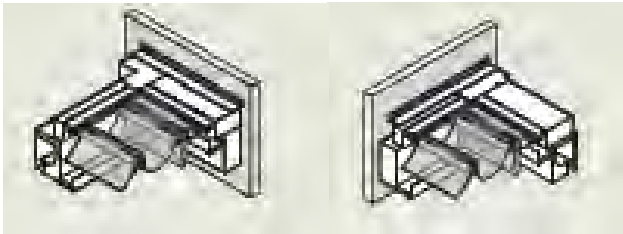
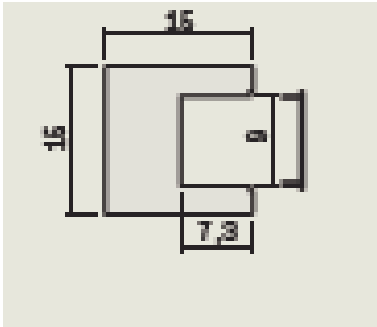


Compensation Profile 10 x 15 cm

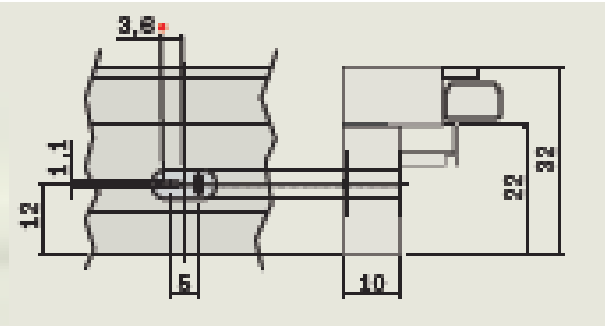
Intermediate Supporting Profile



Post Profile

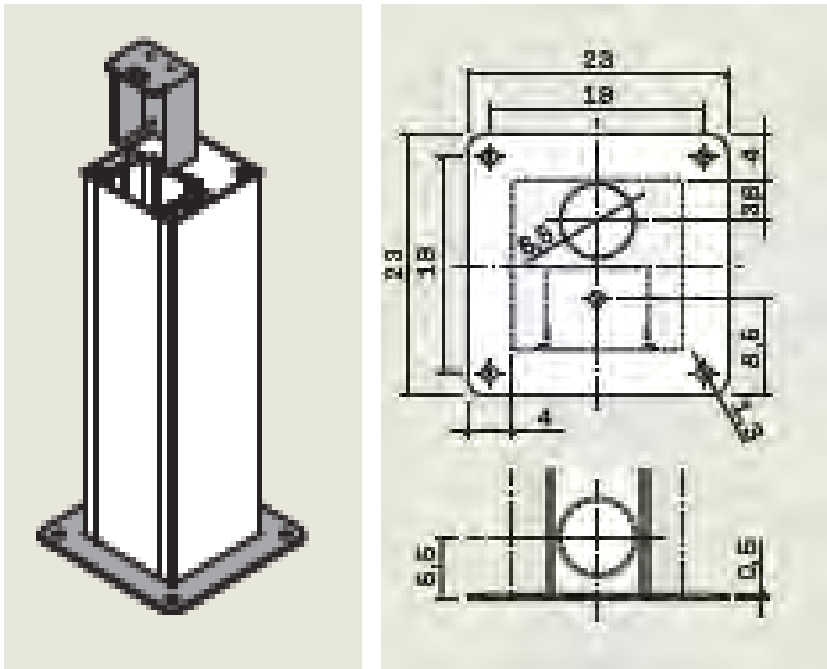


Wall Mounting With Profile





## NOMO Post options.



**STANDARD POST & FOOT PLATE**

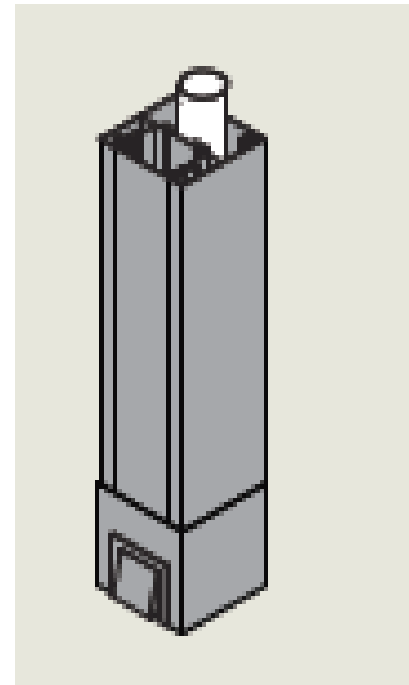
### POST HEIGHTS:

Standard under gutter 90" (230 cm)

Up to 98" no additional cost. (250 cm)

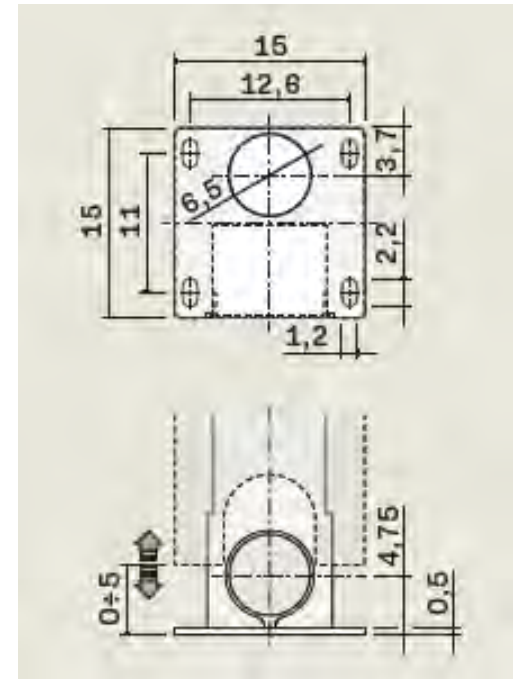
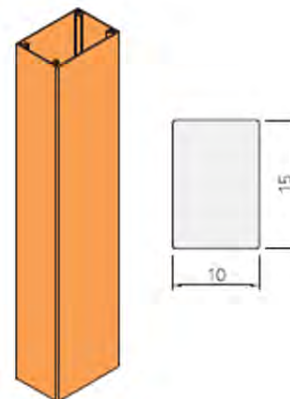
Above 98" extra cost per post.

**NOMO:** Max height posts 118" (300 cm)



**TELESCOPING FEET**

**Post profile** For compensation to the wall of RASO awning fixing (only for versions 02L or 02P), it is supplied as standard if the Raso awning is ordered together with the structure. The fixing method of the post profile is at the discretion of the installer.



The "post" plate is as follows:

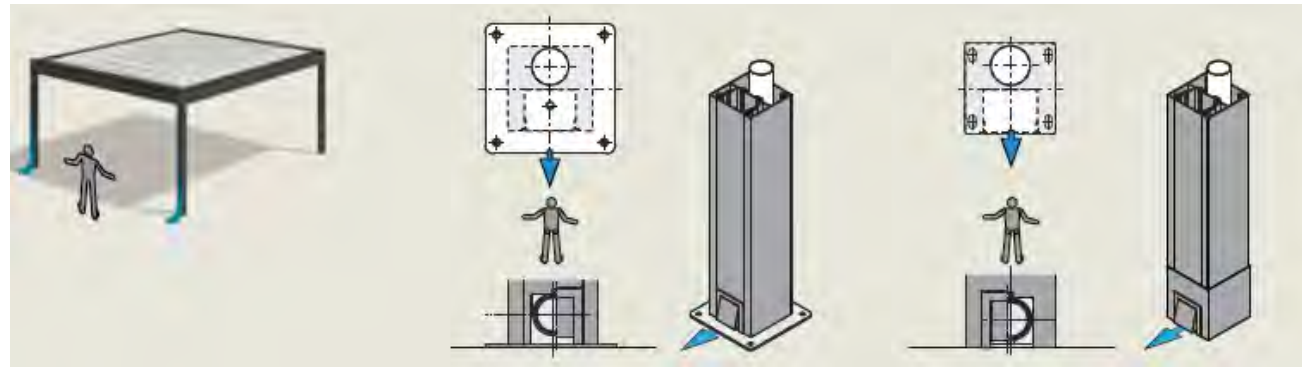
stainless steel 0.5 cm thick =  
3/16" thick

Holes on center side to side along  
front 11 cm = 4.33 inches

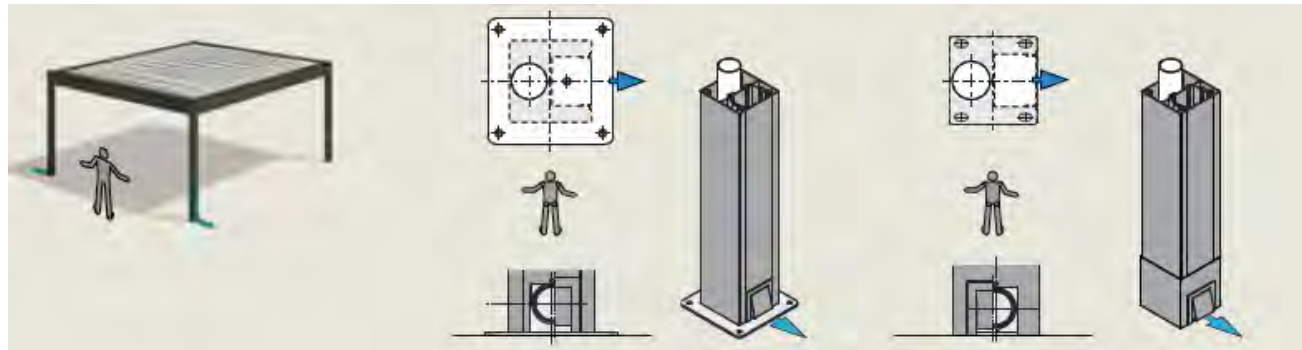
Holes on center front to  
back apart 2.6 cm = 4.96 inches

## NOMO Post drainage options.

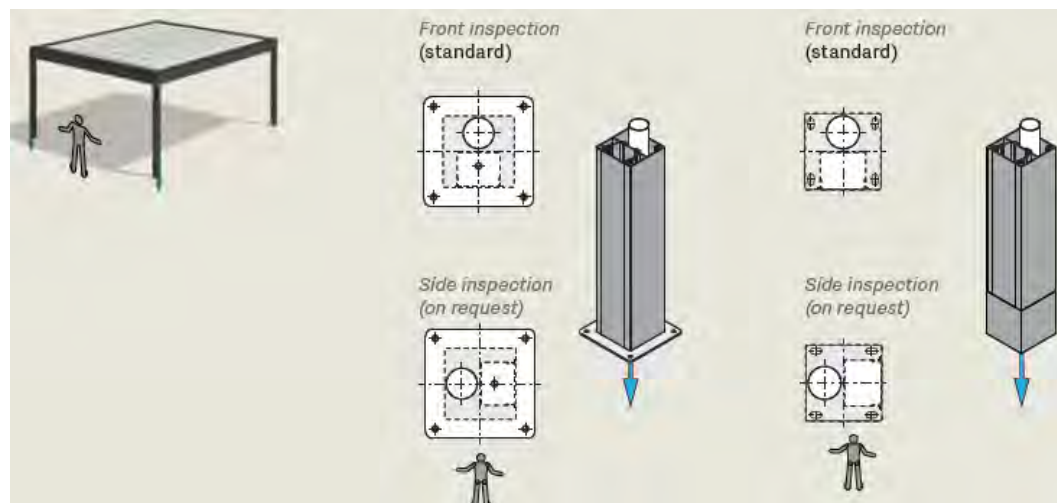
**Front drainage option**



**Side drainage option**

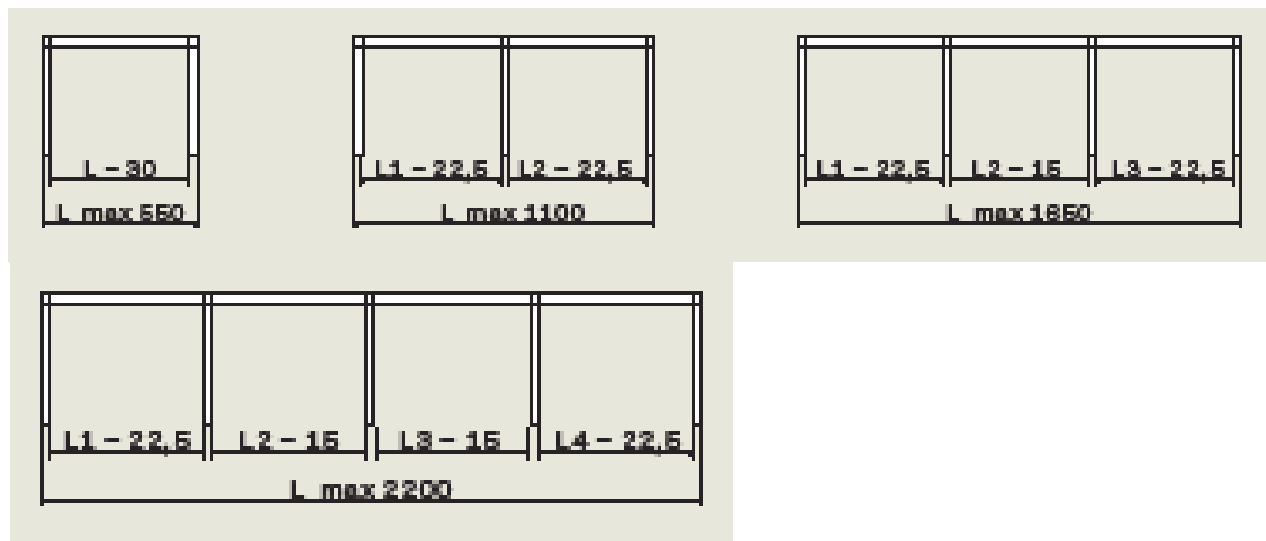
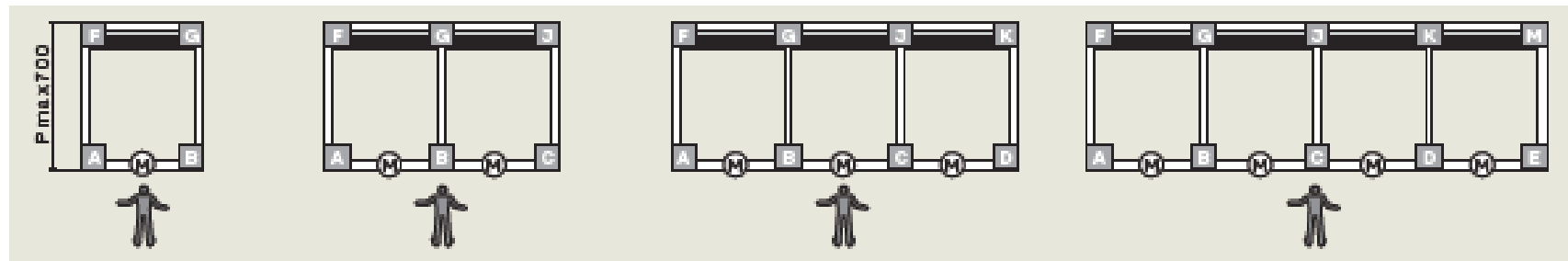


**Down drainage option**



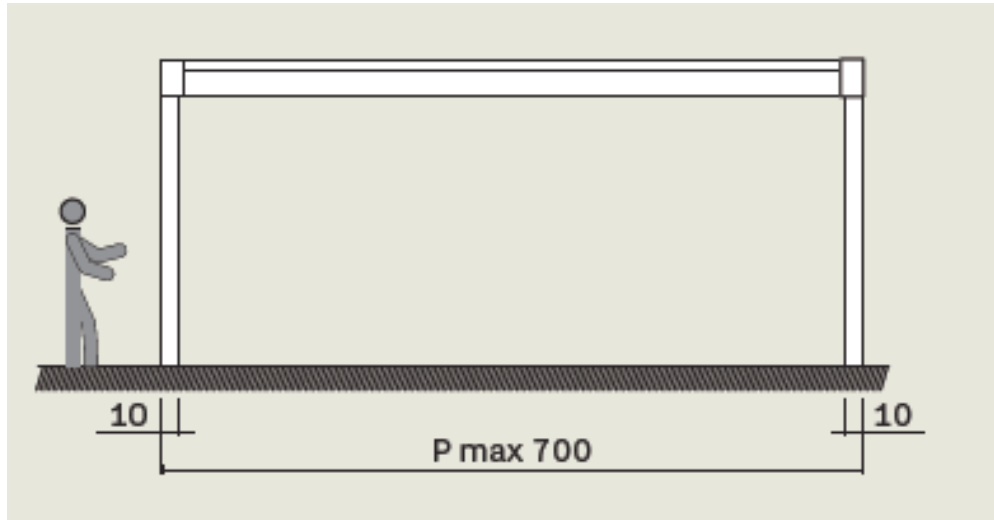
# RIALTO

01L : Free standing and if multiple Coupled on projection side.

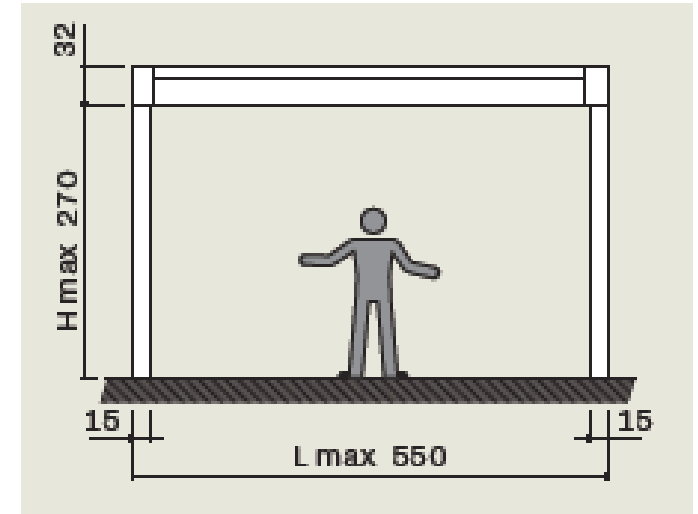


## 01L : RIALTO Free standing con't.

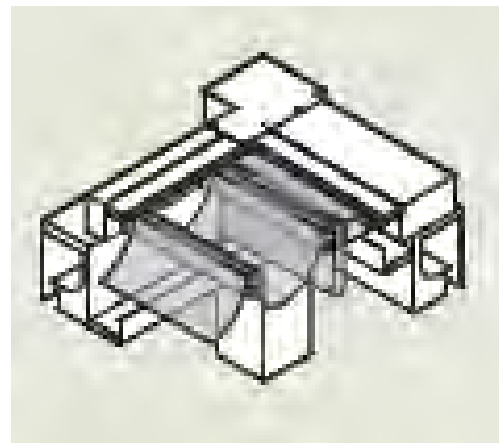
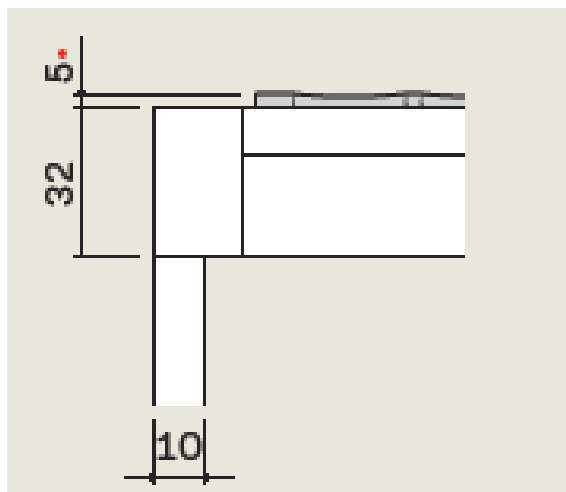
SIDE VIEW



FRONT VIEW



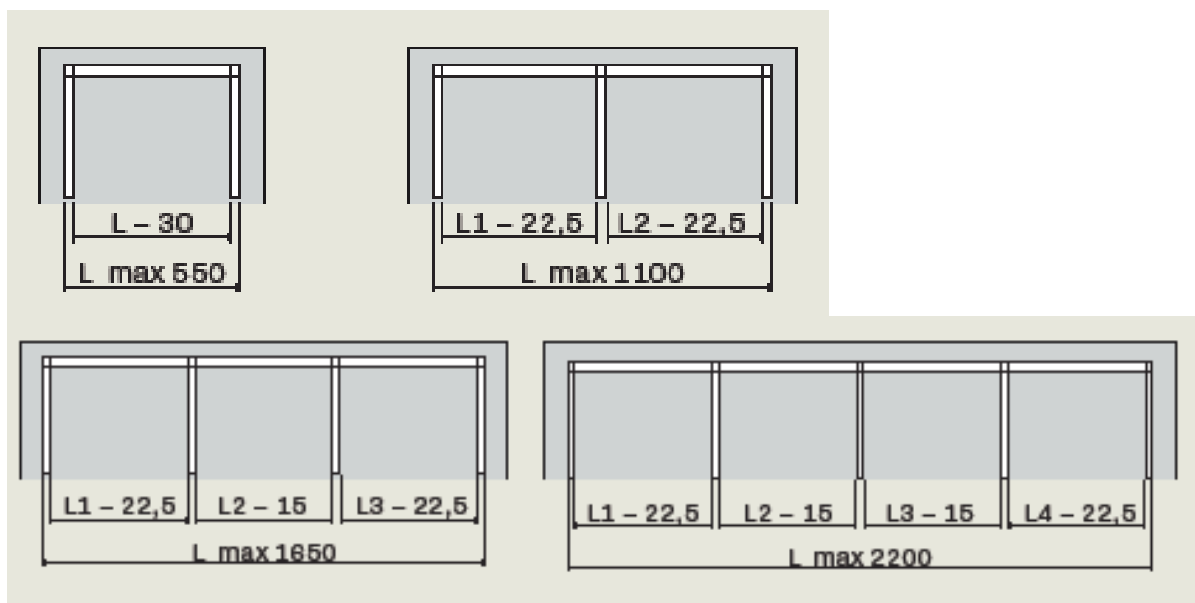
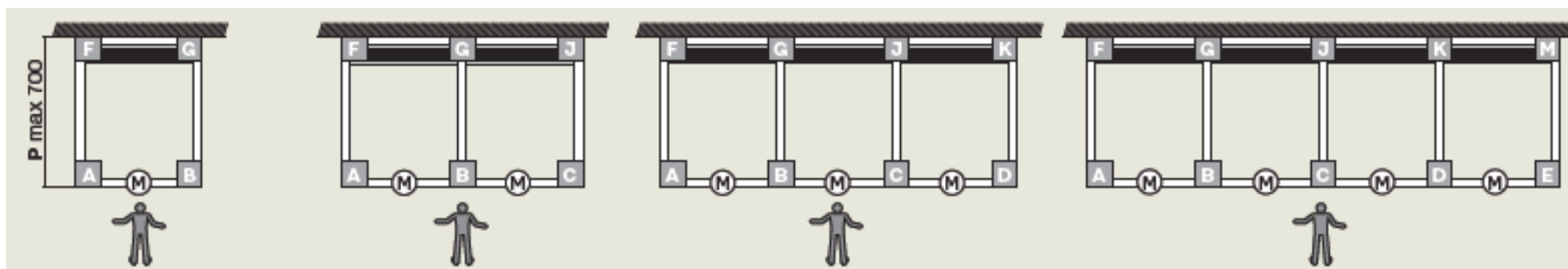
\*NOTE: Maximum projection of the cover centered on post at front



\*NOTE: Maximum projection of the cover centered of structure

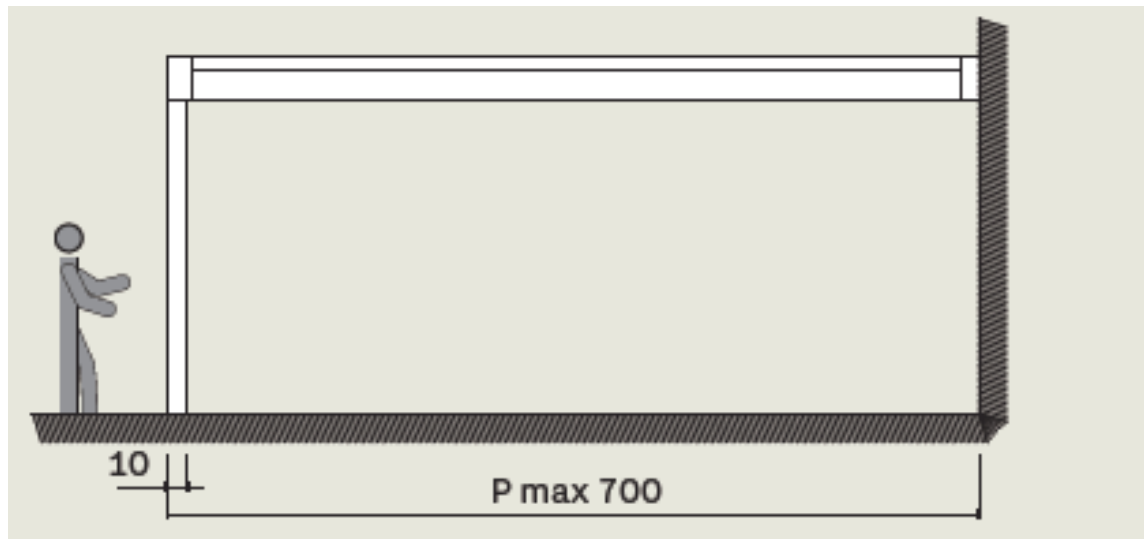


## RIALTO 02L : Wall Mounted and if multiple Coupled on projection side.

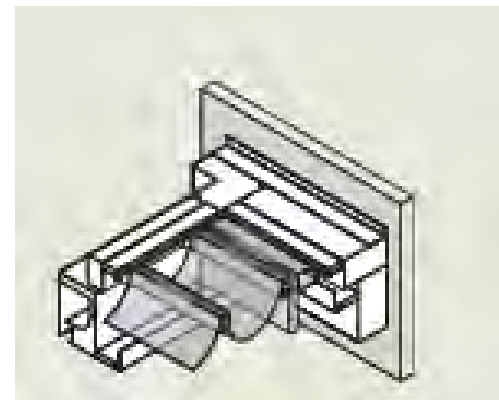
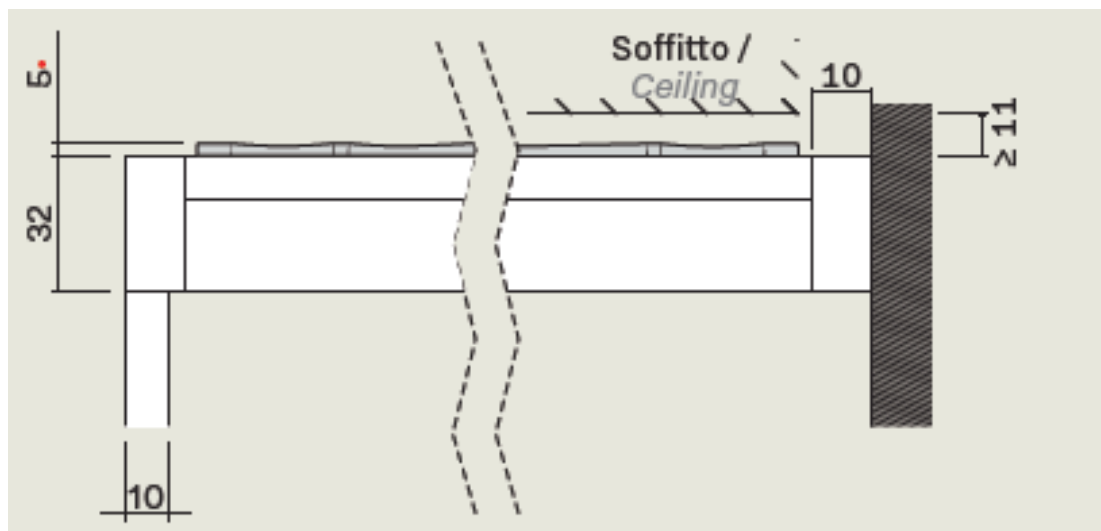
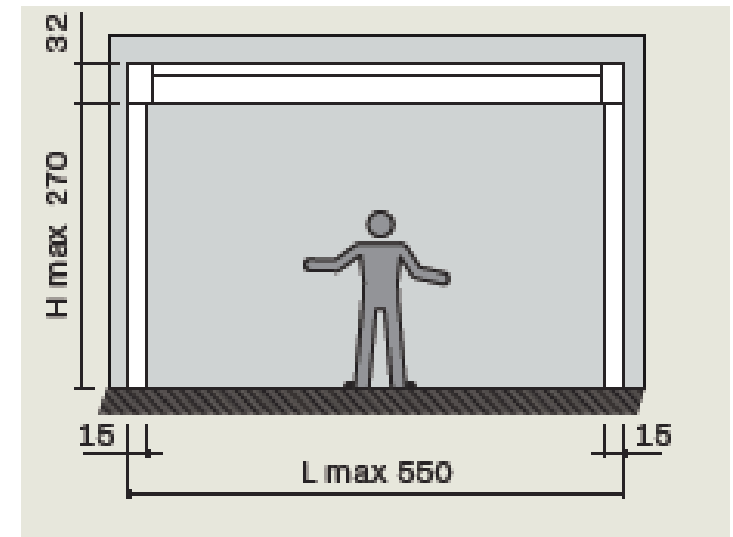


## RIALTO 02L : Wall Mounted con't.

SIDE VIEW

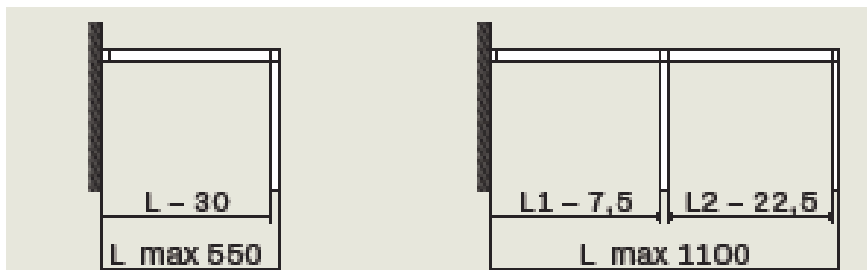
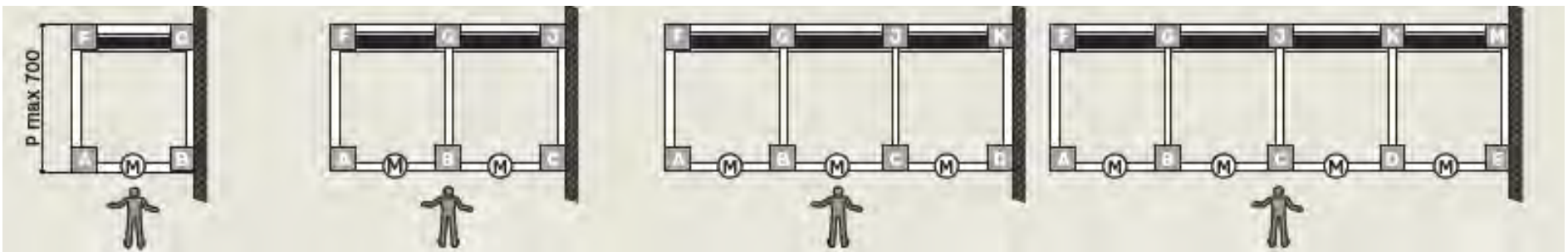


FRONT VIEW



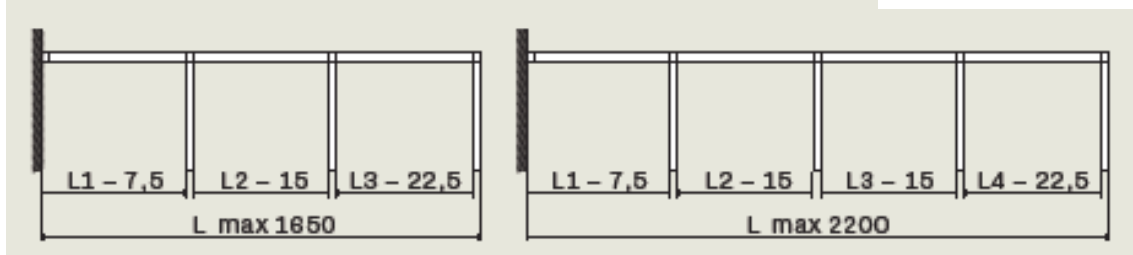
\*NOTE: Maximum projection of the cover centered on post at front

## RIALTO 03L : Wall Mounted and if multiple Coupled on width side.



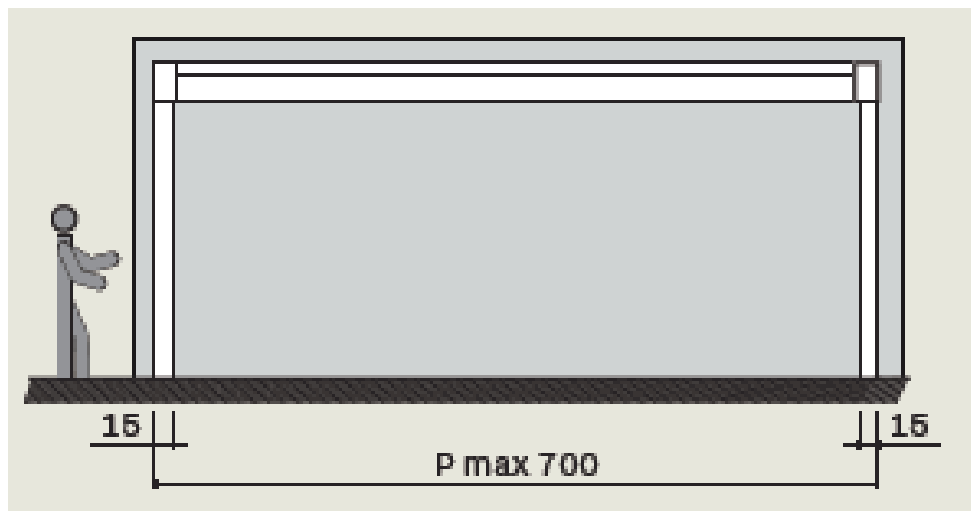
### Note:

Drainage capability is reduced on this version due to one side being at the wall.

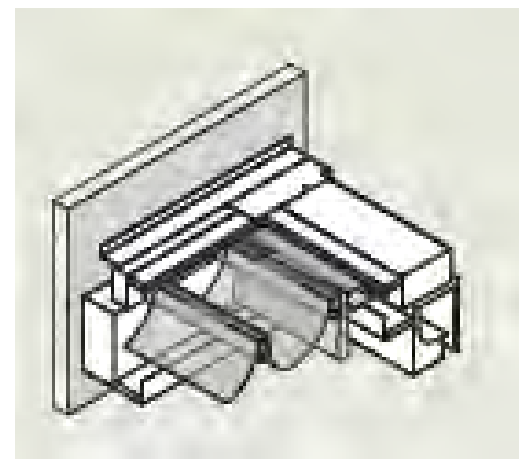
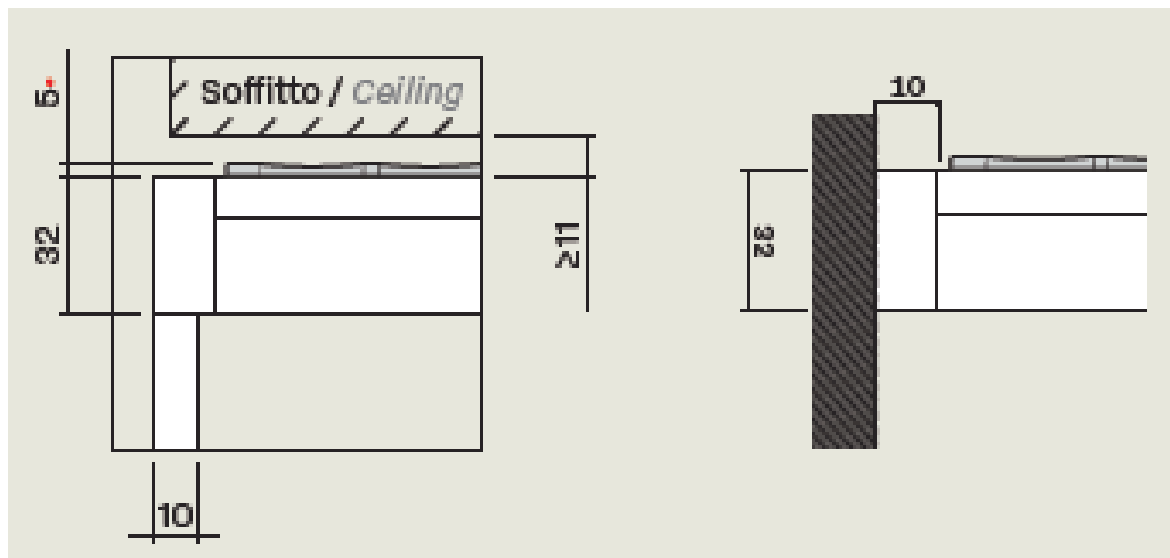
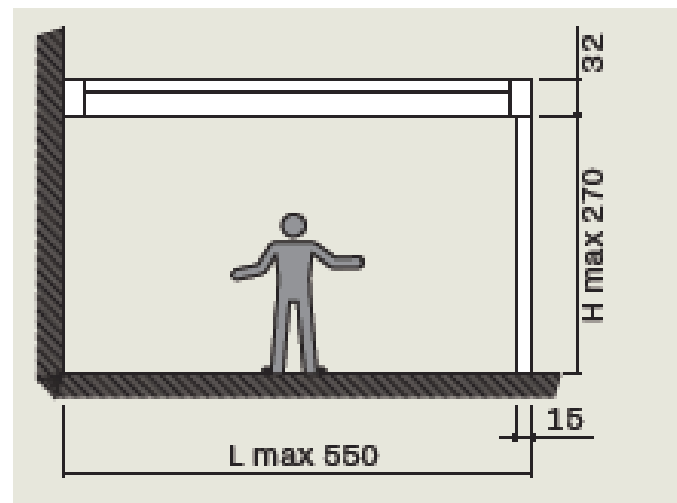


## RIALTO 03L : Wall Mounted con't.

SIDE VIEW



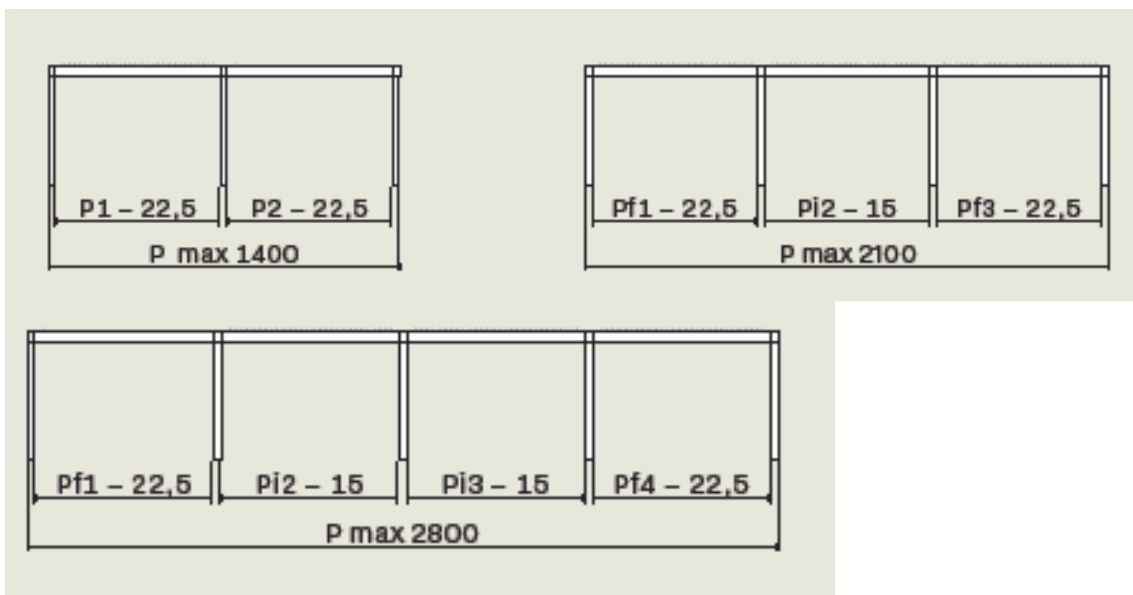
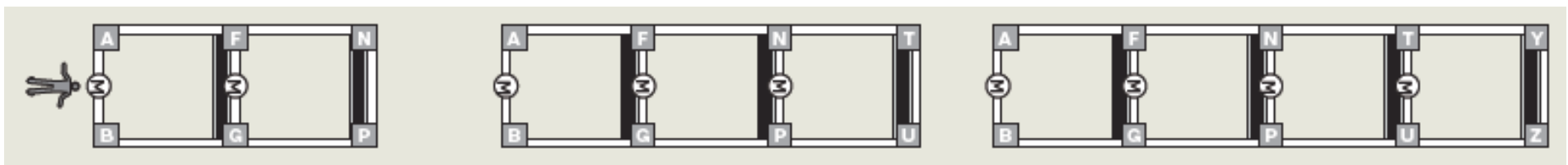
FRONT VIEW



\*NOTE: Maximum projection of the cover centered on post at front

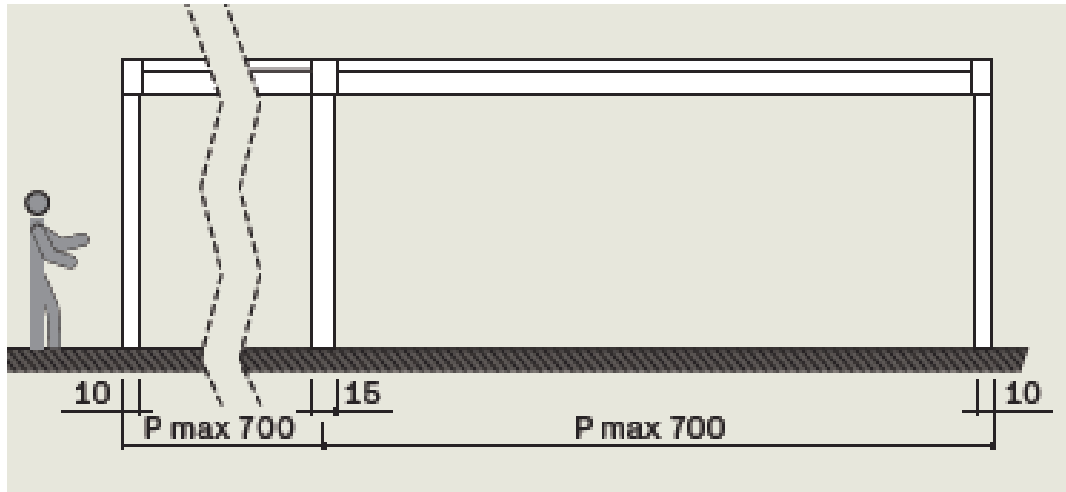


## RIALTO 01P : Free Standing and if multiple Coupled on width side.

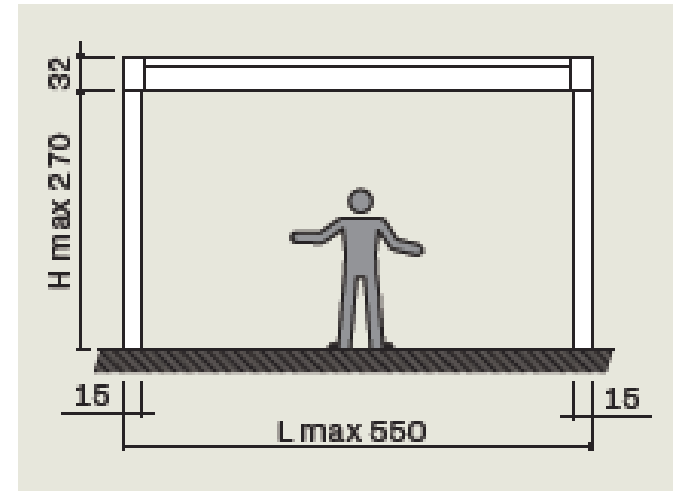


## RIALTO 01P : Free Standing con't.

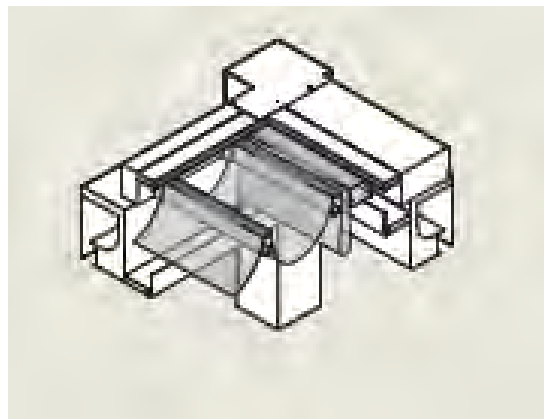
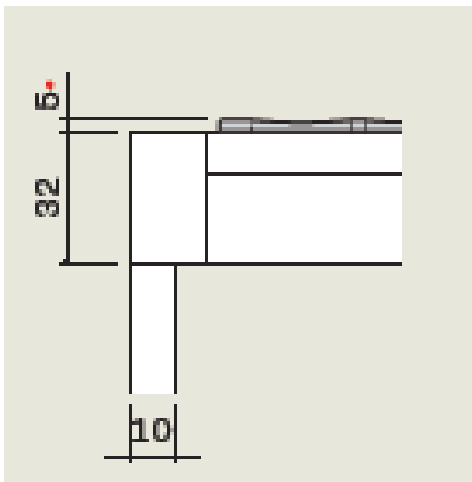
SIDE VIEW



FRONT VIEW

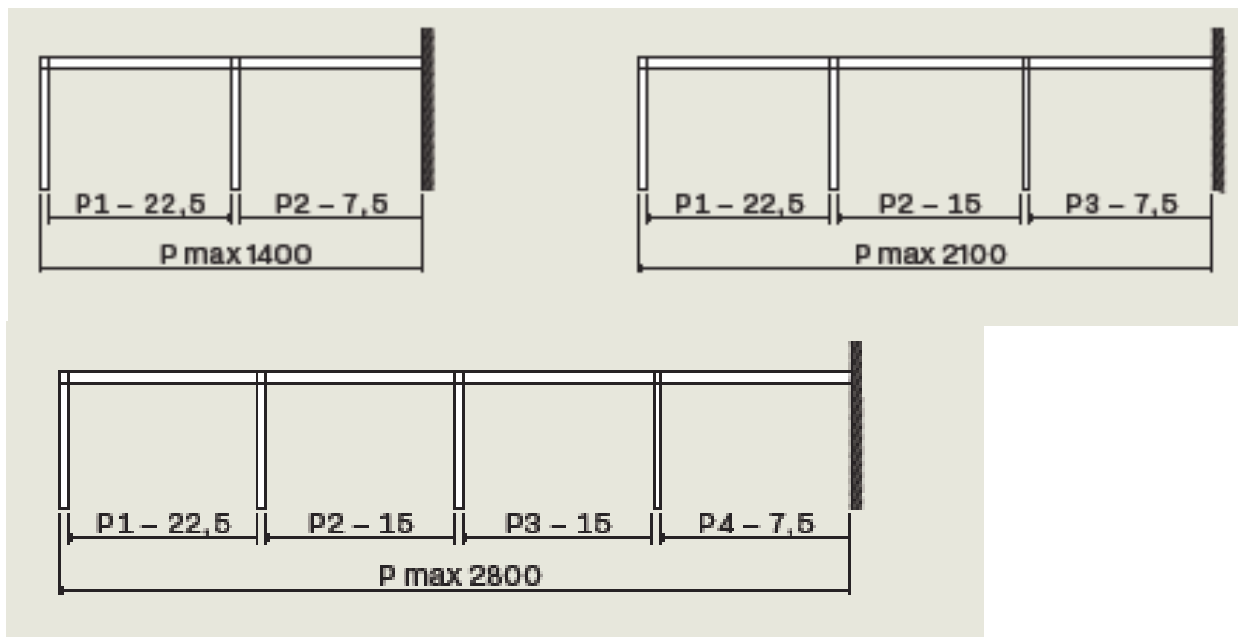
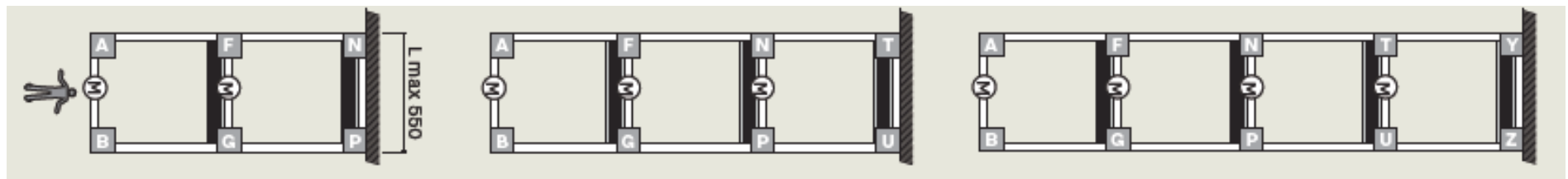


\*NOTE: Maximum projection of the cover centered on post at



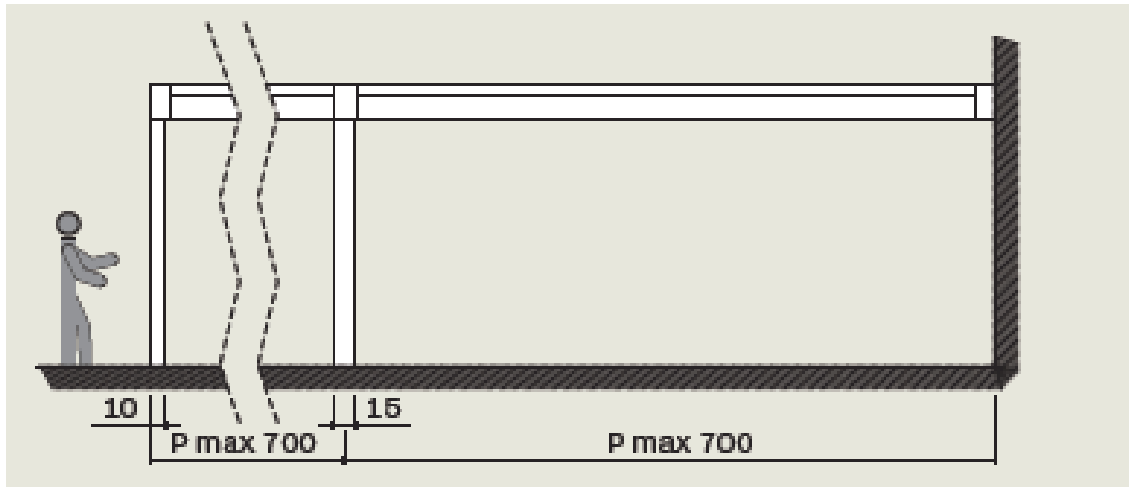
\*NOTE: Maximum projection of the cover centered on post at front

## RIALTO 02P : Wall Mounted and if multiple Coupled on width side.

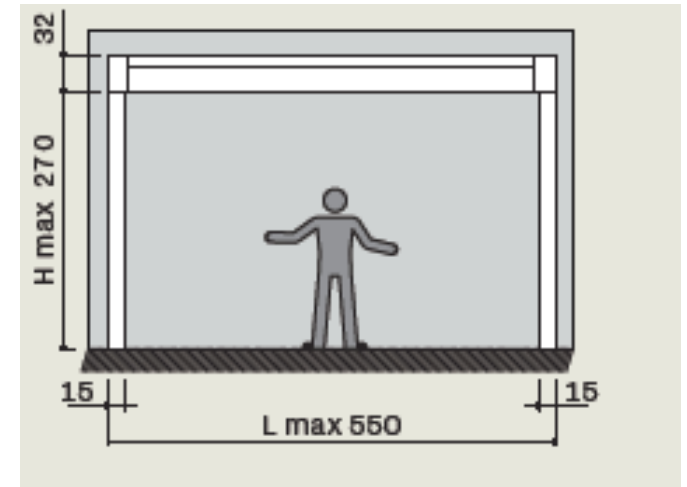


## RIALTO 02P : Wall Mounted con't.

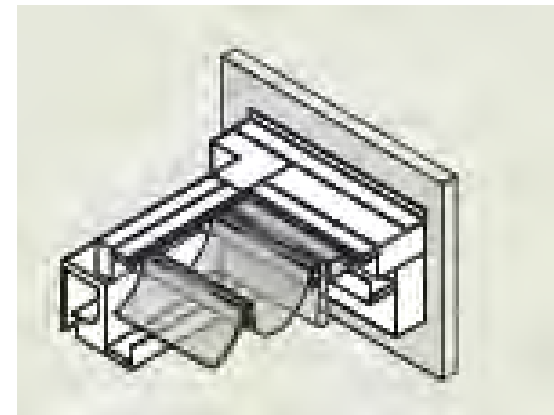
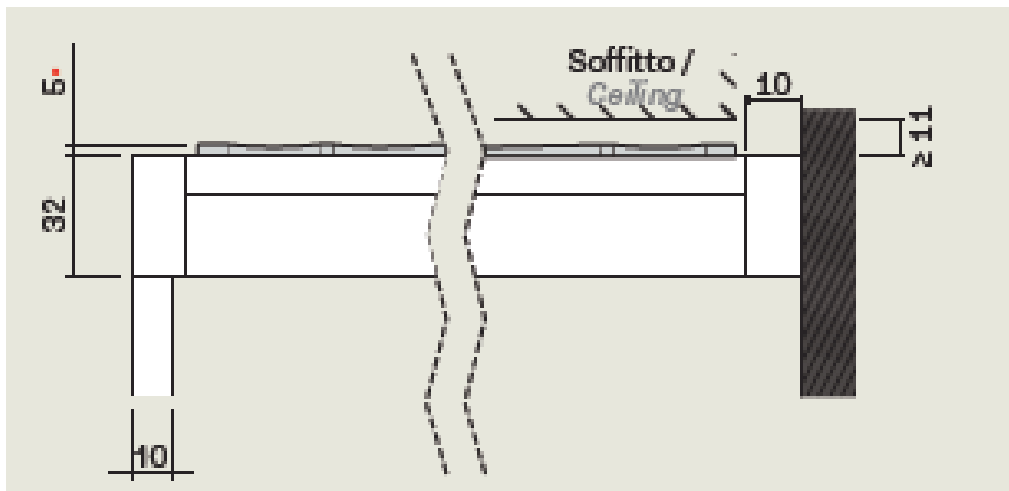
SIDE VIEW



FRONT VIEW



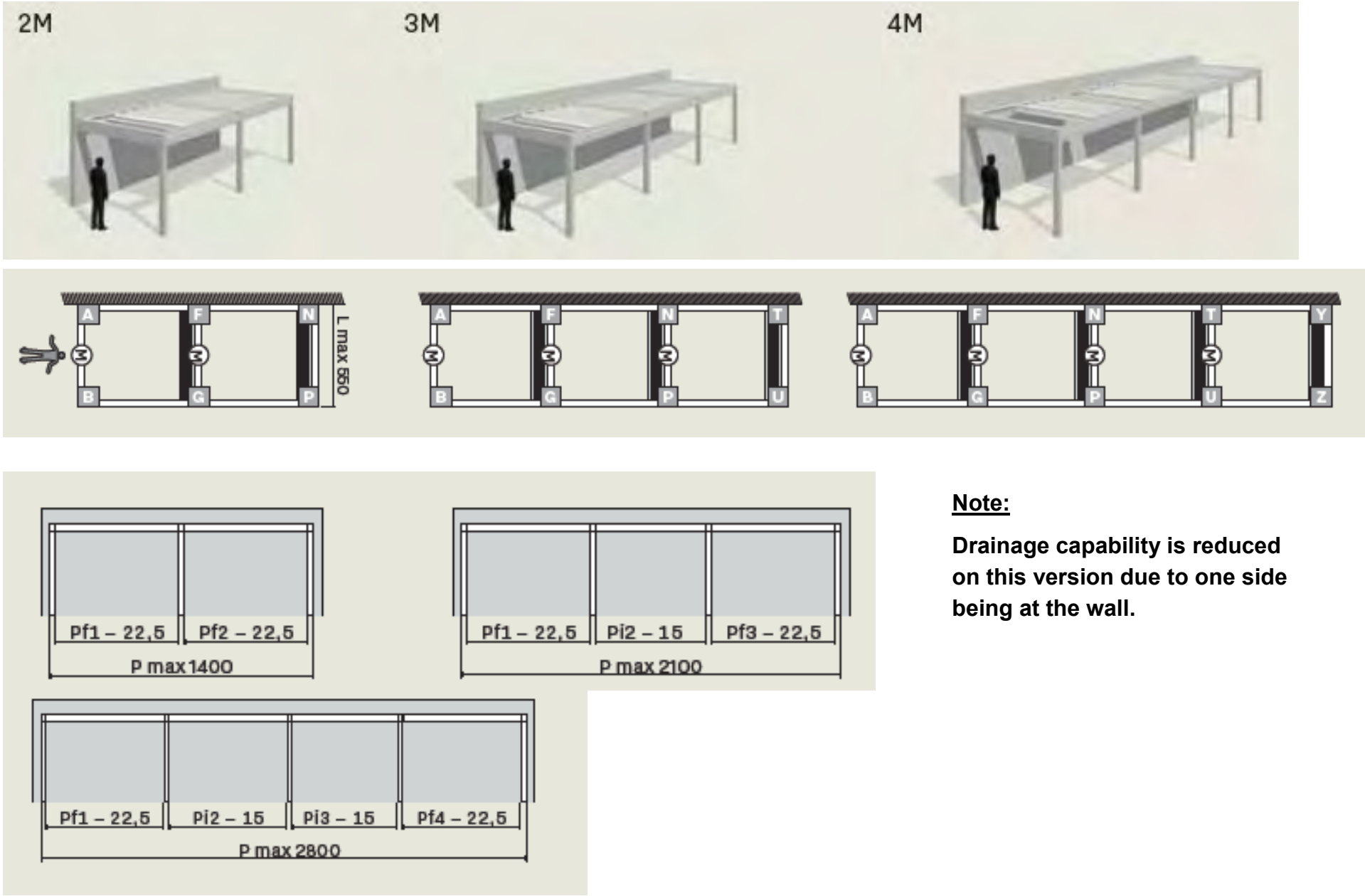
\*NOTE: Maximum projection of the cover centered on post



\*NOTE: Maximum projection of the cover centered on post at front

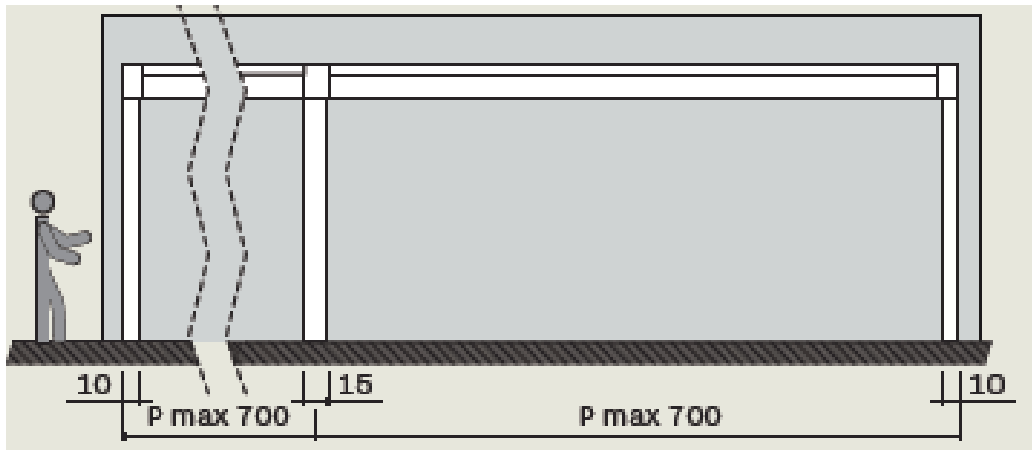


RIALTO 03P : Wall Mounted and if multiple Coupled on Projection side.

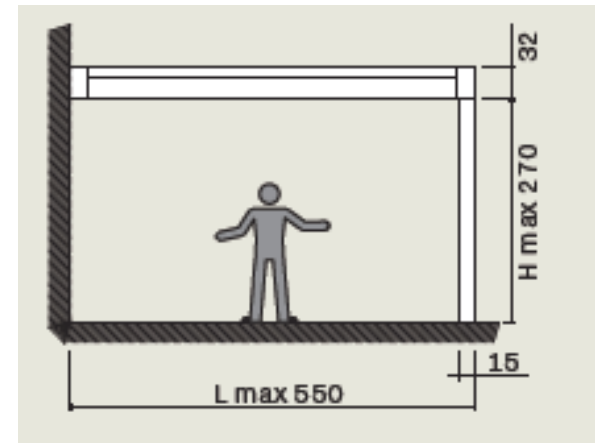


## RIALTO 03P : Wall Mounted con't.

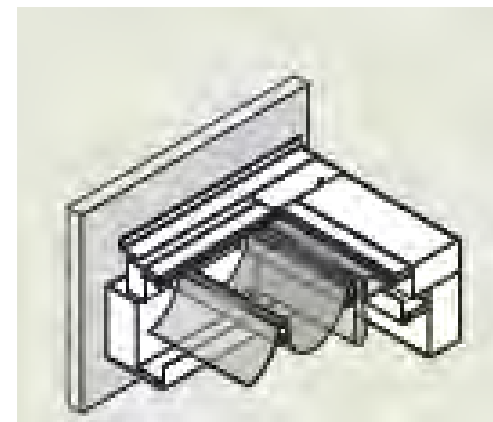
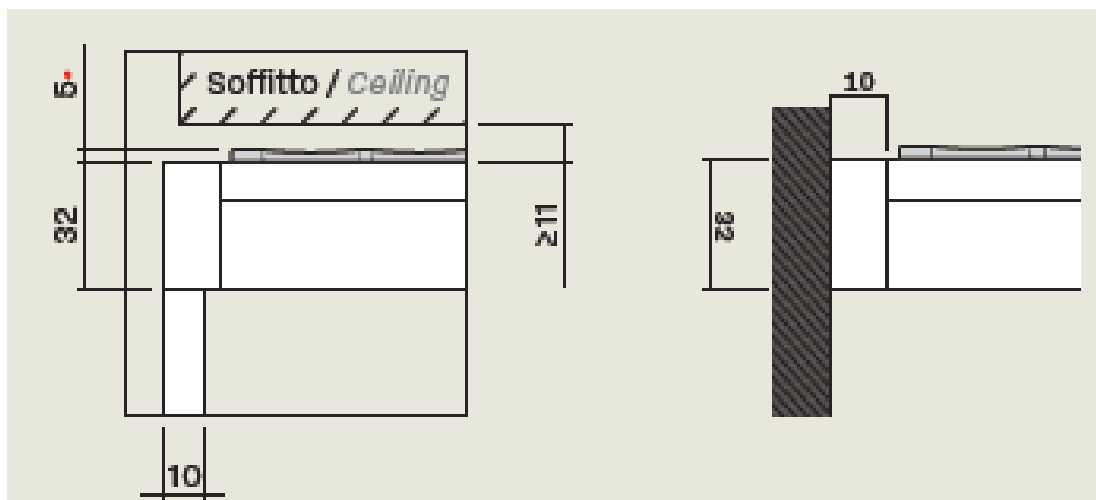
SIDE VIEW



FRONT VIEW



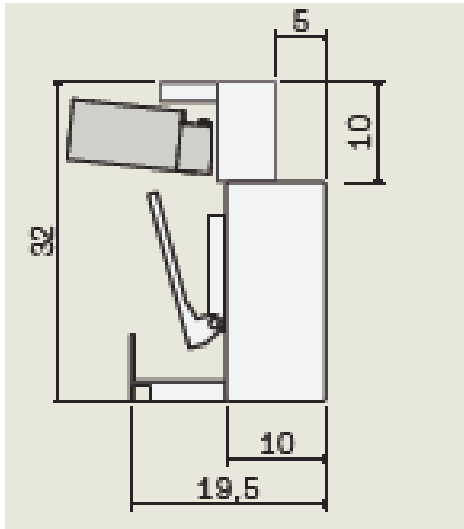
\*NOTE: Maximum projection of the cover centered on post



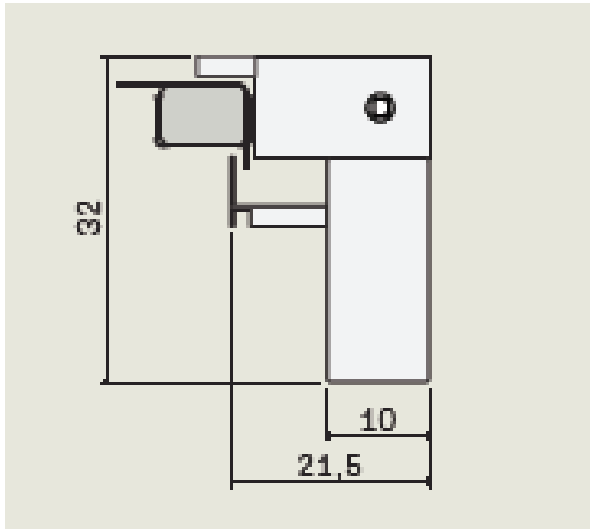
\*NOTE: Maximum projection of the cover centered on post at front

**RIALTO technical Details.**

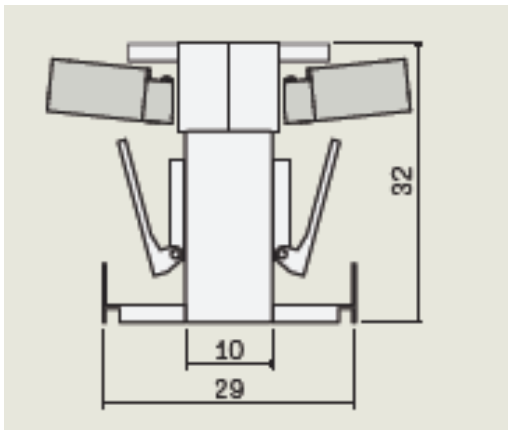
Supporting Box Profile Projection side



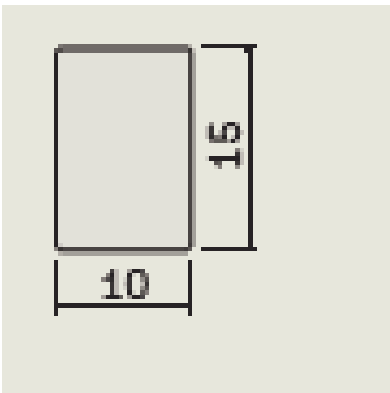
Supporting Box Profile Width side



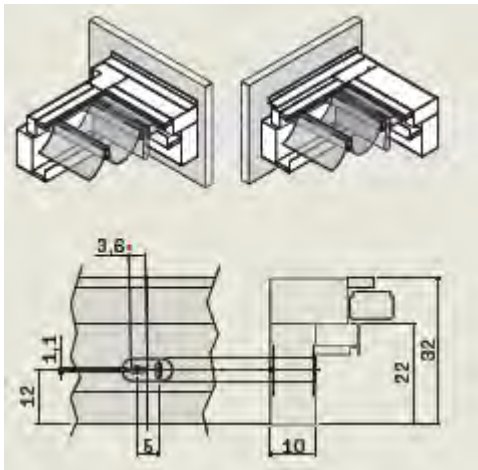
Intermediate Supporting Profile



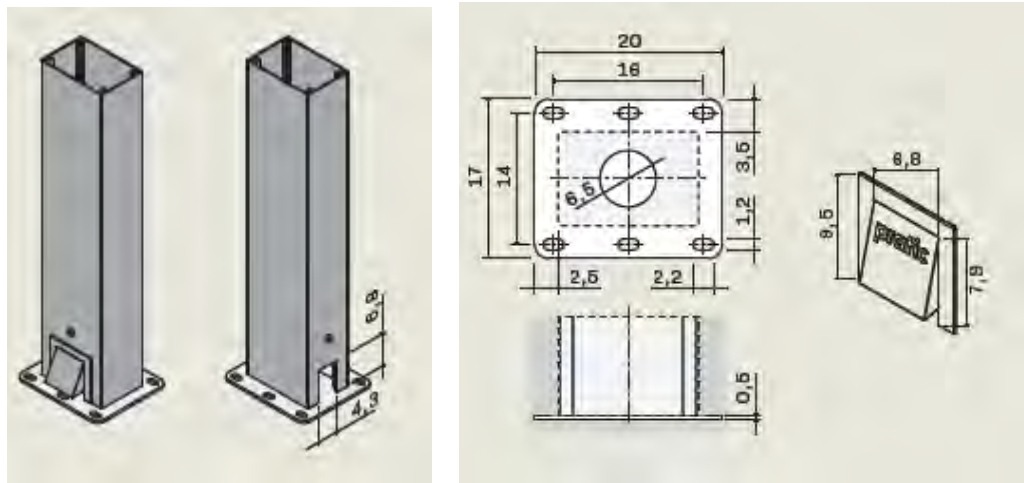
Post Profile



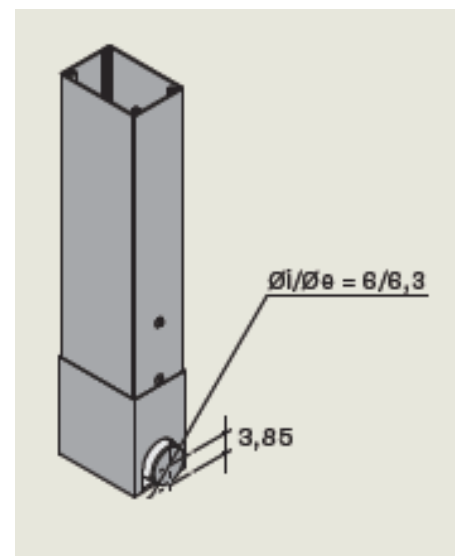
Wall Mounting With Profile



## RIALTO Post options.



**STANDARD POST & FOOT PLATE**



**TELESCOPING FOOT PLATE**

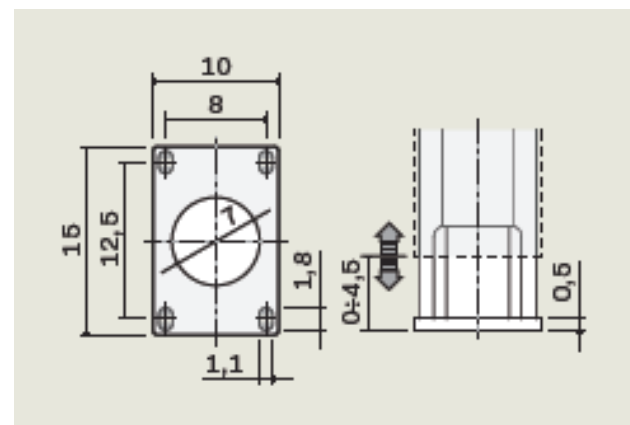
## POST HEIGHTS:

Standard under gutter 90" (230 cm)

Up to 98" no additional cost. (250 cm)

Above 98" extra cost per post.

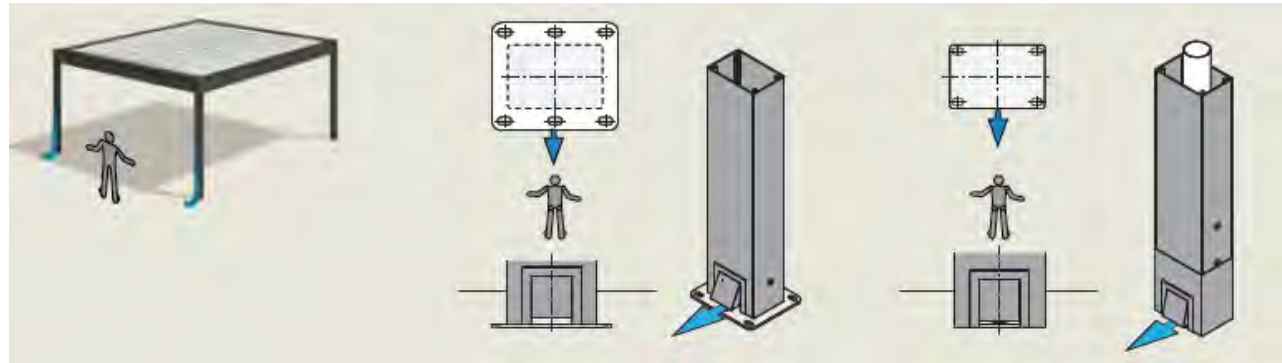
RIALTO: Max height posts 106" (270 cm)



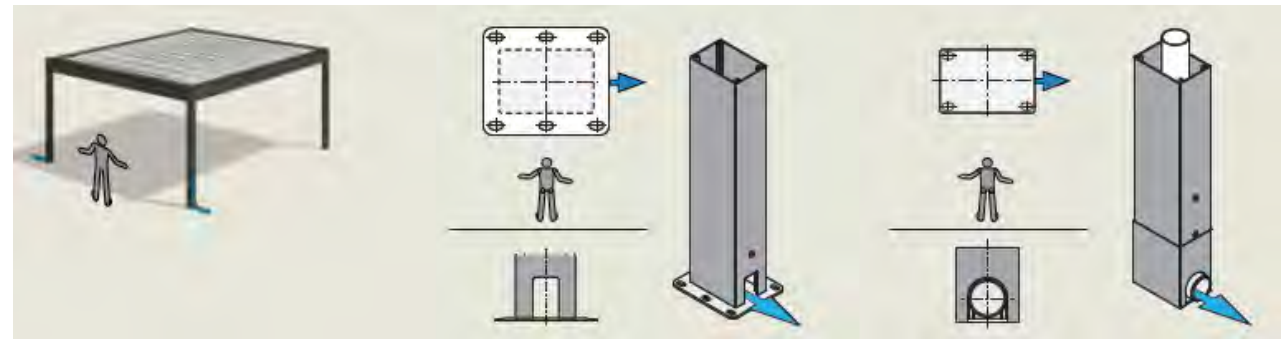


## RIALTO Post drainage options.

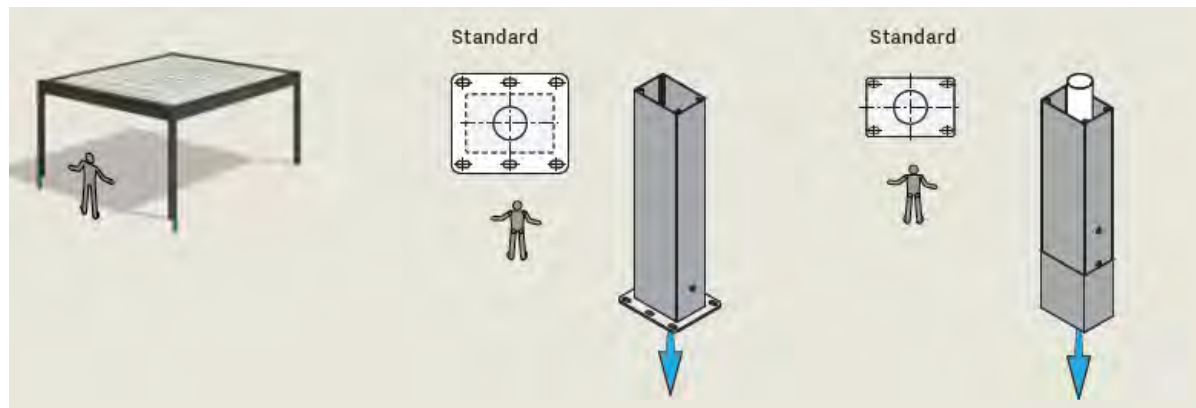
**Front drainage option**



**Side drainage option**



**Down drainage option**



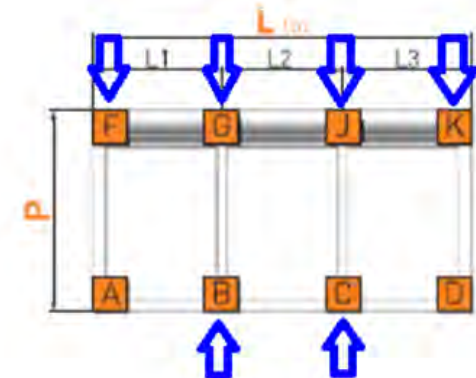
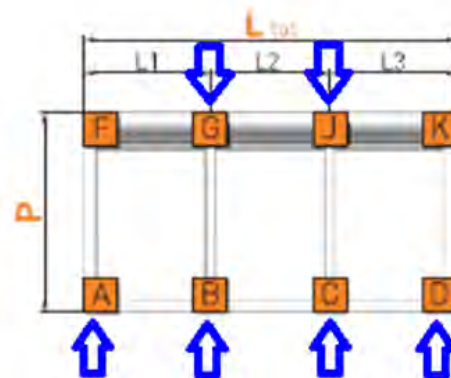
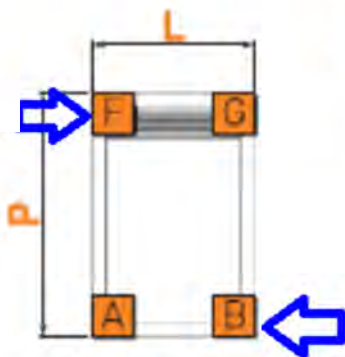
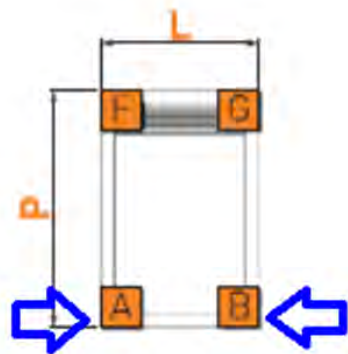
# Post Drainage Points NOMO & RIALTO

It is best to have the unit drain out of every post on the Nomo and Rialto units.

Minimum two (2) posts must be used for drainage per “Module” or section. The drainage points must also be on opposite side of each other where water flows off the curved top. In other words , one drainage point per side that the water flows off the top fabric. Below are some examples of configurations with minimum drainage.

Example #1: If you have one unit you can have two drainage points at the front or back. You can also have it staggered as long as one is on each side of the fabric as water drains off the top.

Example #2: If you have three (3) side by side Nomo or Rialto units with 4 posts at front and 4 post at back, you will need six (6) drainage points total. Four on either front or back and then two more as per below.



## NOMO Rib & dimensional table.

01L / 03L		01P / 03P - 2M		
Module 1	# of Ribs	Module 1	Module 2	# of Ribs
P		P	P	
186,8	2	177,4	176,8	2
229,8	3	220,4	219,8	3
272,9	4	263,5	262,9	4
315,9	5	306,5	305,9	5
359,0	6	349,6	349,0	6
402,0	7	392,6	392,0	7
445,1	8	435,7	435,1	8
488,1	9	478,7	478,1	9
531,2	10	521,8	521,2	10
574,2	11	564,8	564,2	11
617,3	12	607,9	607,3	12
660,3	13	650,9	650,3	13
700,0	14	694,0	693,4	14
		700,0	700,0	15

01P / 03P - 3M				02P / 03P - 4M			
Module 1	Module 2	Module 3	# of Ribs	Module 1	Module 2/3	Module 4	# of Ribs
P	P	P		P	P	P	
177,4	167,4	176,8	2	177,4	167,4	176,8	2
220,4	210,4	219,8	3	220,4	210,4	219,8	3
263,5	253,5	262,9	4	263,5	253,5	262,9	4
306,5	296,5	305,9	5	306,5	296,5	305,9	5
349,6	339,6	349,0	6	349,6	339,6	349,0	6
392,6	382,6	392,0	7	392,6	382,6	392,0	7
435,7	425,7	435,1	8	435,7	425,7	435,1	8
478,7	468,7	478,1	9	478,7	468,7	478,1	9
521,8	511,8	521,2	10	521,8	511,8	521,2	10
564,8	554,8	564,2	11	564,8	554,8	564,2	11
607,9	597,9	607,3	12	607,9	597,9	607,3	12
650,9	640,9	650,3	13	650,9	640,9	650,3	13
694,0	684,0	693,4	14	694,0	684,0	693,4	14
700,0	700,0	700,0	15	700,0	700,0	700,0	15

02L	
Module 1	# of Ribs
P	
184,3	2
227,3	3
270,4	4
313,4	5
356,5	6
399,5	7
442,6	8
485,6	9
528,7	10
571,7	11
614,8	12
657,8	13
700,0	14

02P - 2M		
Module 1	Module 2	# of Ribs
P	P	
177,4	174,3	2
220,4	217,3	3
263,5	260,4	4
306,5	303,4	5
349,6	346,5	6
392,6	389,5	7
435,7	432,6	8
478,7	475,6	9
521,8	518,7	10
564,8	561,7	11
607,9	604,8	12
650,9	647,8	13
694,0	690,9	14
700,0	700,0	15

## NOMO

Rib & dimensional table con't.

02P - 3M			
Module 1	Module 2	Module 3	# of Ribs
P	P	P	
177,4	167,4	174,3	2
220,4	210,4	217,3	3
263,5	253,5	260,4	4
306,5	296,5	303,4	5
349,6	339,6	346,5	6
392,6	382,6	389,5	7
435,7	425,7	432,6	8
478,7	468,7	475,6	9
521,8	511,8	518,7	10
564,8	554,8	561,7	11
607,9	597,9	604,8	12
650,9	640,9	647,8	13
694,0	684,0	690,9	14
700,0	700,0	700,0	15

02P - 4M			
Module 1	Module 2/3	Module 4	# of Ribs
P	P	P	
177,4	167,4	174,3	2
220,4	210,4	217,3	3
263,5	253,5	260,4	4
306,5	296,5	303,4	5
349,6	339,6	346,5	6
392,6	382,6	389,5	7
435,7	425,7	432,6	8
478,7	468,7	475,6	9
521,8	511,8	518,7	10
564,8	554,8	561,7	11
607,9	597,9	604,8	12
650,9	640,9	647,8	13
694,0	684,0	690,9	14
700,0	700,0	700,0	15

01L / 02L / 03L		01P / 02P / 03P - 2M		
Module 1	# of Ribs	Module 1	Module 2	# of Ribs
P		P	P	
181,9	2	175,0	175,8	2
224,9	3	218,0	218,8	3
268,0	4	261,1	261,9	4
311,0	5	304,1	304,9	5
354,1	6	347,2	348,0	6
397,1	7	390,2	391,0	7
440,2	8	433,3	434,1	8
483,2	9	476,3	477,1	9
526,3	10	519,4	520,2	10
569,3	11	562,4	563,2	11
612,4	12	605,5	606,3	12
655,4	13	648,5	649,3	13
698,5	14	691,6	692,4	14
700,0	15	700,0	700,0	15

## RIALTO

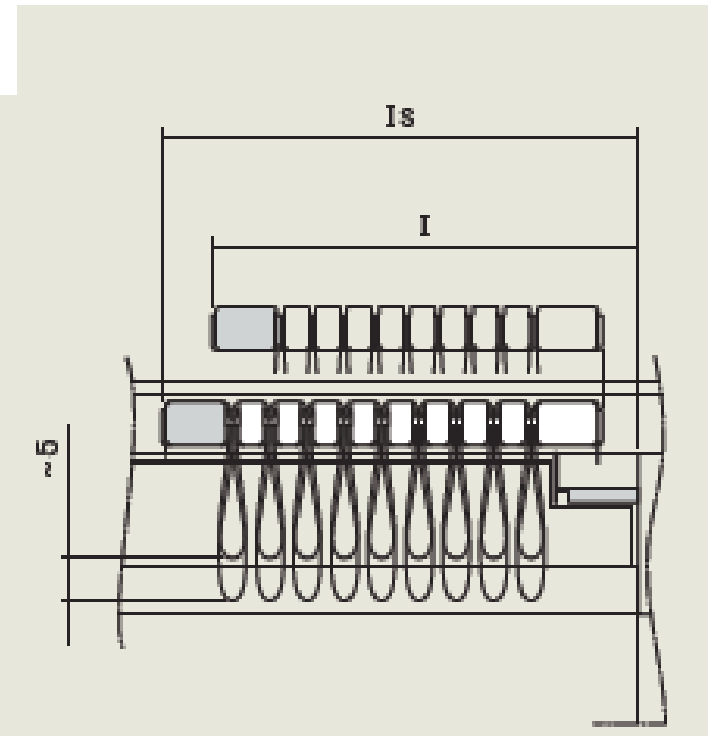
### Rib & dimensional table.

01P / 02P / 03P - 3M				01P / 02P / 03P - 3M			
Module 1	Module 2	Module 3	# of Ribs	Module 1	Module 2/3	Module 4	# of Ribs
P	P	P		P	P	P	
175,0	168,9	175,8	2	175,0	168,9	175,8	2
218,0	211,9	218,8	3	218,0	211,9	218,8	3
261,1	255,0	261,9	4	261,1	255,0	261,9	4
304,1	298,0	304,9	5	304,1	298,0	304,9	5
347,2	341,1	348,0	6	347,2	341,1	348,0	6
390,2	384,1	391,0	7	390,2	384,1	391,0	7
433,3	427,2	434,1	8	433,3	427,2	434,1	8
476,3	470,2	477,1	9	476,3	470,2	477,1	9
519,4	513,3	520,2	10	519,4	513,3	520,2	10
562,4	556,3	563,2	11	562,4	556,3	563,2	11
605,5	599,4	606,3	12	605,5	599,4	606,3	12
648,5	642,4	649,3	13	648,5	642,4	649,3	13
691,6	685,5	692,4	14	691,6	685,5	692,4	14
700,0	700,0	700,0	15	700,0	700,0	700,0	15



## NOMO & RIALTO Dimensions con't.

# of Ribs	Dimension +/- 1 cm	
	Without Undercover	With Undercover
2	38	39,5
3	43	45,0
4	48	50,5
5	53	56,0
6	58	61,5
7	63	67,0
8	68	72,5
9	73	78,0
10	78	83,5
11	83	89,0
12	88	94,5
13	93	100,0
14	98	105,5
15	103	111,0



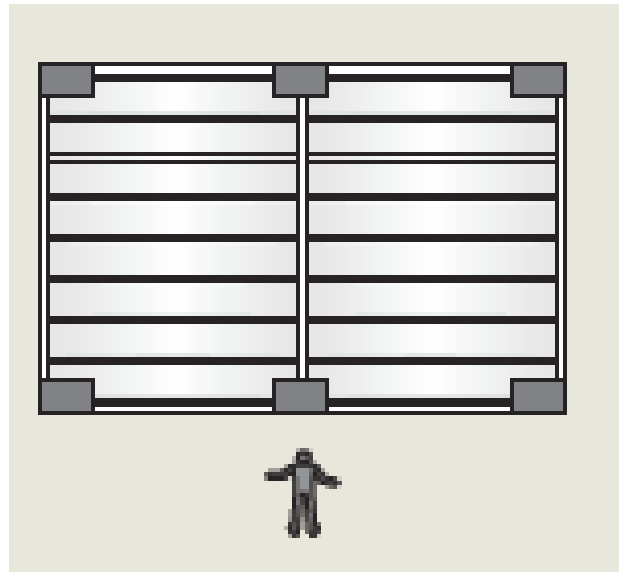
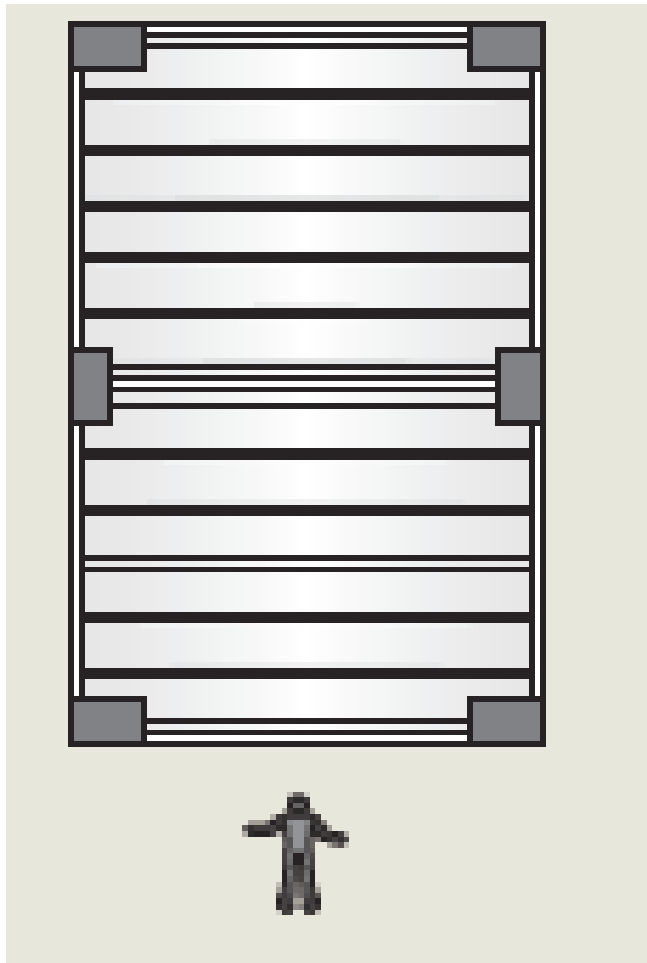
### **LEGEND:**

I = Fabric fold without undercover

Is = Fabric fold with undercover added

**Note: Undercover fabric will hang 5 cm lower when folded**

## RIALTO Post Location and Orientation Diagram.



## NOMO & RIALTO FABRIC DISCLAIMER.



Creases in the retracted cover.

### Note:

**NOMO & RIALTO fabric covers when retracted may present some natural creases due to the curvature of the ribs. These phenomena cannot be subject to dispute since they cannot be avoided and they do not influence the proper functioning of the structure (See picture to the Left).**



### Note:

**NOMO & RIALTO units with LED lighting will have wires heat sealed into the cover for the electrical connection of the LED lights. These wires must be positioned so they are visible under the fabric so they don't interfere with proper water drainage of the cover (See picture to the Left).**

# NOMO & RIALTO Options:

## RASO ROLL DOWN ZIPPER SCREENS For NOMO only



### Note:

Maximum available Raso screen width will depend on fabric type. An additional intermediary post can be added to cover the side with multiple screens.

Optional roll down screens can be added to the NOMO model only.

Note: Raso screens are NOT available with the “Rialto” model.

The screens are available with mesh fabrics and also vinyl with windows (single or double). Please inquire on window size specifications needed.

### Available Fabric are:

Tempotest Para Acrylic fabric (Colors from range)

Mosquito Mesh 50% open (Grey & Black)

Soltis 86 mesh (Colors from range)

Soltis 92 mesh (Colors from range)

Ferrari 502/602 with windows (Colors from range)

### Max widths available:

Mosquito Mesh: 14' 6" wide x 10' high

Soltis 86 & 92: 19'6" wide (6 m)

Para & Ferrari 502/602: 19' 6" wide (6m)

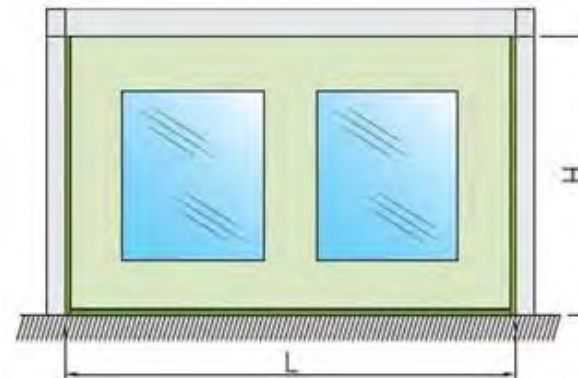
Ferrari 502/602 with windows: 13' wide (4 m)

**NOTE:** If NOMO projection is wider than the maximum allowable screen width above, an intermediary post has to be added at extra cost and two screens must be made in its place. Even if you want to wall mount the NOMO, you still will need post in rear to accommodate the Raso screens.



The NOMO model can be fitted with roll down RASO zipper screens for extra weather or sun protection on all sides. This optional screen system can be ordered with either mesh fabric, acrylic, or vinyl fabric and clear "film" windows for keeping moderate weather at bay during the winter months or rain during spring and summer months. If you only need sun protection on the sides or desire to keep mosquitos and pesky bugs at bay, our mesh fabrics will be fine.

### Raso screens with windows

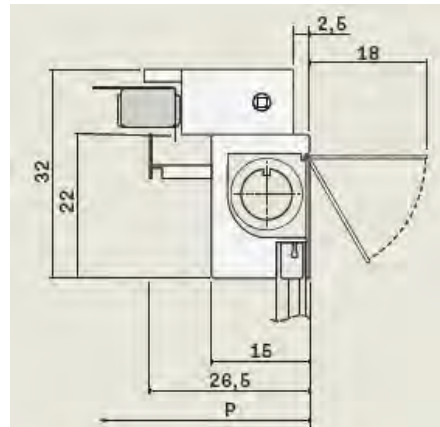
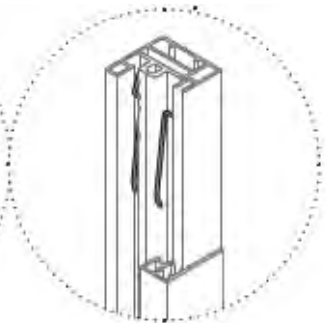
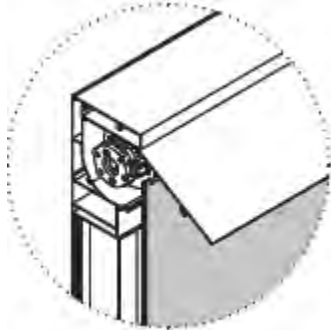
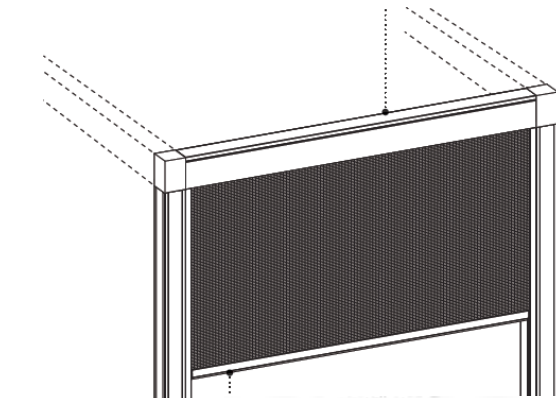


**Minimum border width around screen perimeter must be at least 25 cm (10") when using Ferrari with windows (See illustration above)**

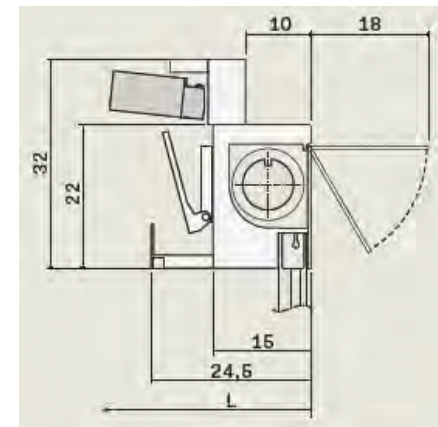
### Raso zipper screens with mesh fabric



# RASO Screens con't

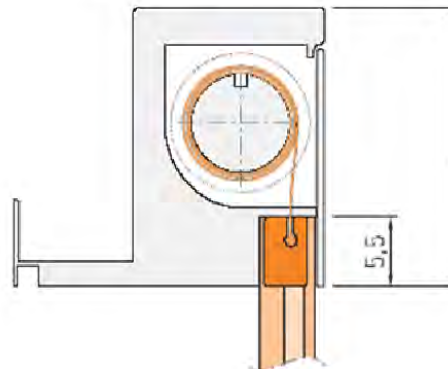


supporting profile with built-in Raso

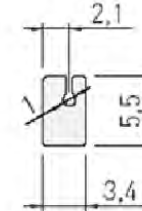
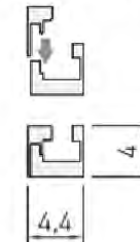


Zip guide profile

Front profile



Post profile + Raso guide + compensator



Optional Gasket at bottom of hem bar.

NOMO posts with Raso Track and compensation profile added

# RASO Screens con't



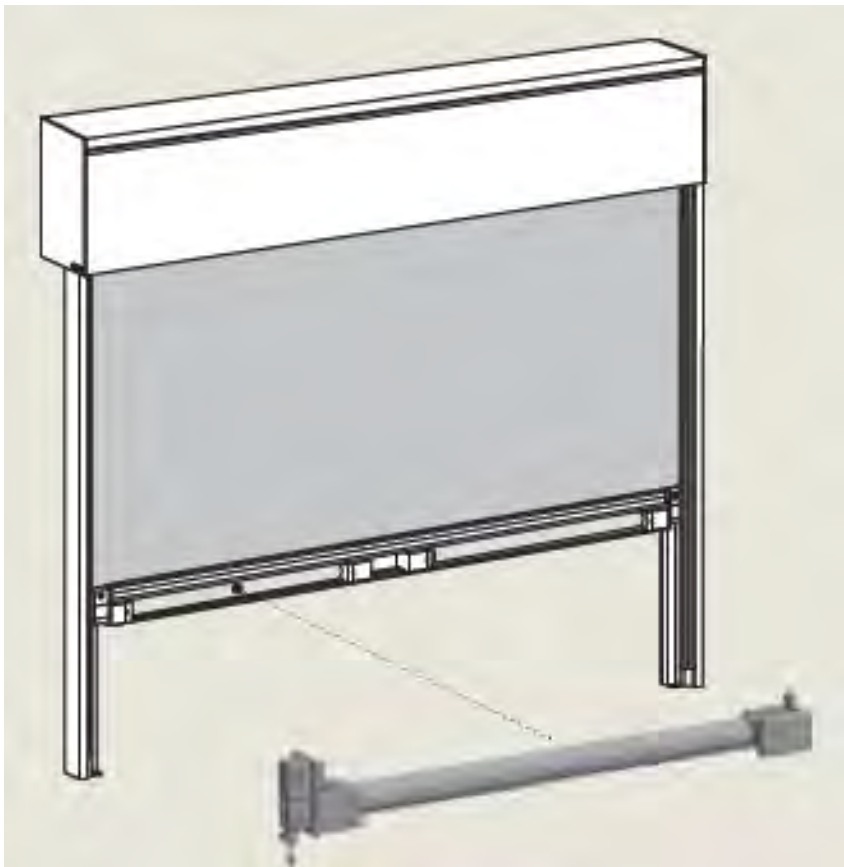
Raso

Minimum width:

200 cm / 79 "

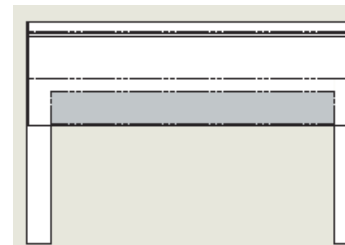
Maximum Height:

300 cm / 120"

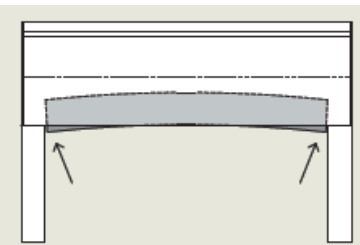


**Power Spring system is a “NEW” option that is available for Raso screens allowing for constant tension on the fabric. The (PSS) system utilizes gas springs which acts as shock absorbers and keeps constant tension on the fabric even in partially lowered position.**

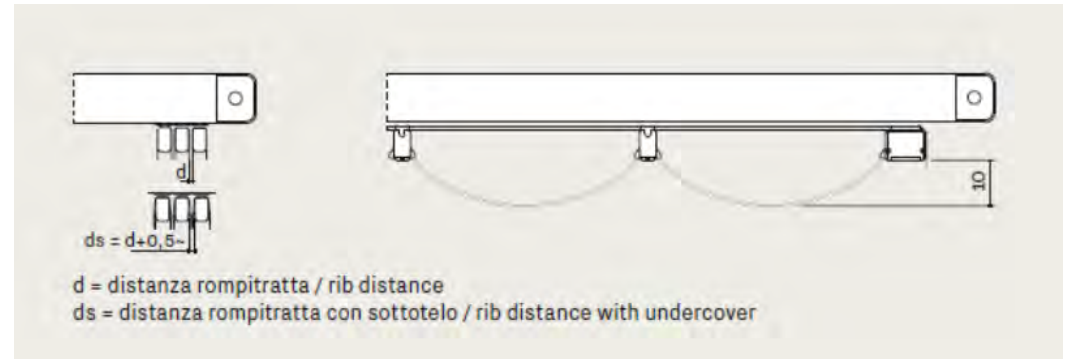
YES



NO



# UNDERCOVERS NOMO & RIALTO



To create a nice atmosphere with the NOMO and RIALTO pergola, it is possible to apply an undercover between the ribs covering up the vinyl fabric (Available three fabric colors below).

Note: NOMO and RIALTO undercovers should be ordered with the Pergola. If ordered later, please inquire.



Color: 6006



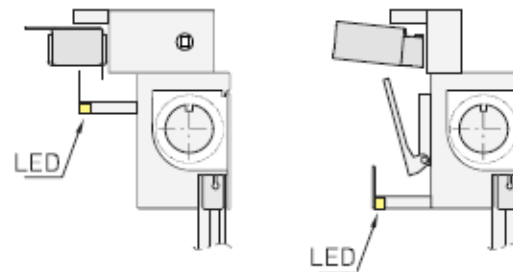
Color: 6007



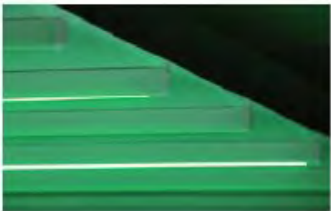
Color: 6008



## PERIMETER & RIB LED LIGHTING



LED / RGB in-line lighting



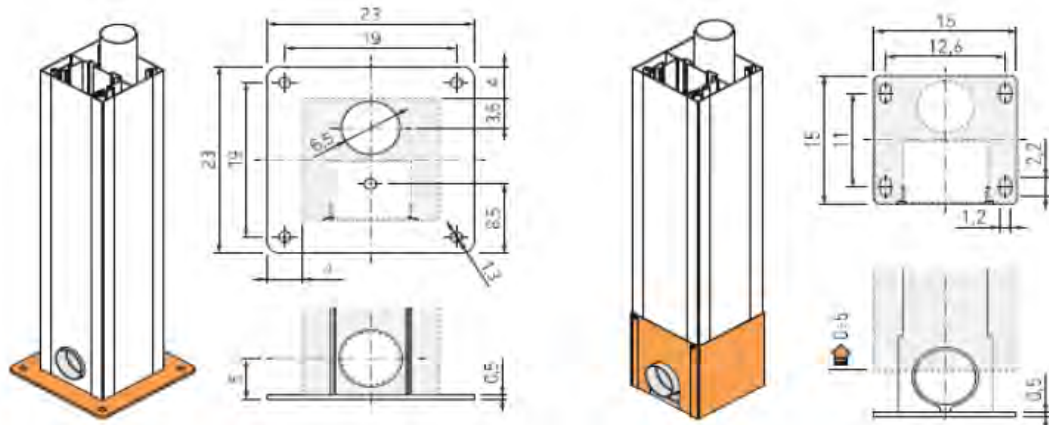
REMOTE CONTROLLED



LED / RGB Perimeter lighting

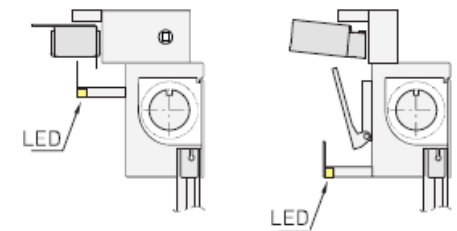
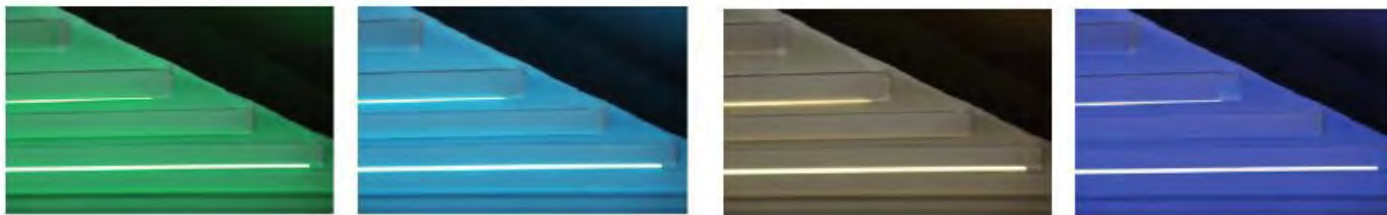


# NOMO & RIALTO: Options



Standard post feet and optional telescoping feet ( Nomo illustrated)

LED / RGB in-line lighting



LED / RGB Perimeter lighting

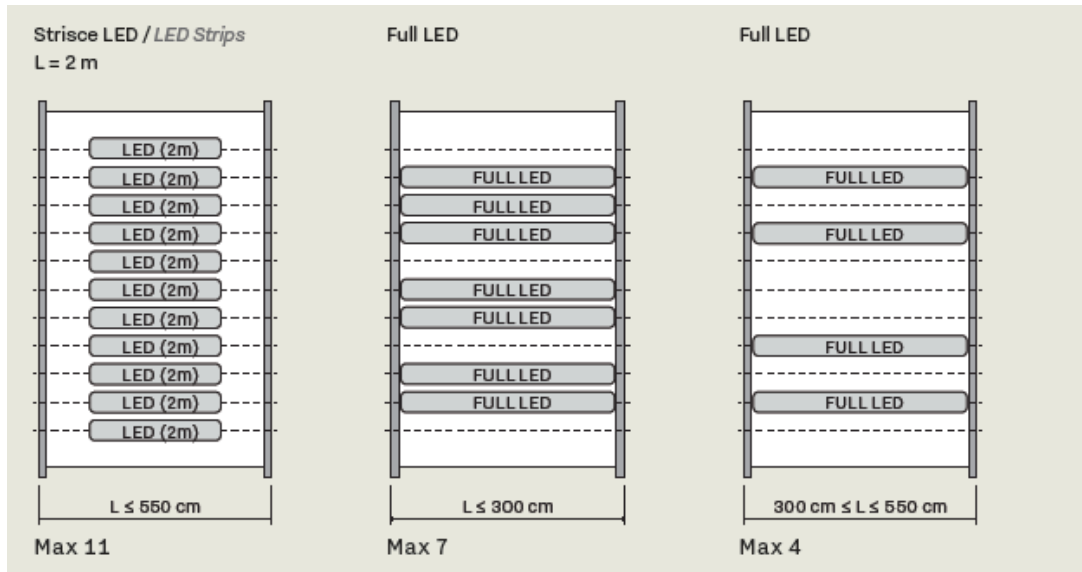


REMOTE  
CONTROLLED

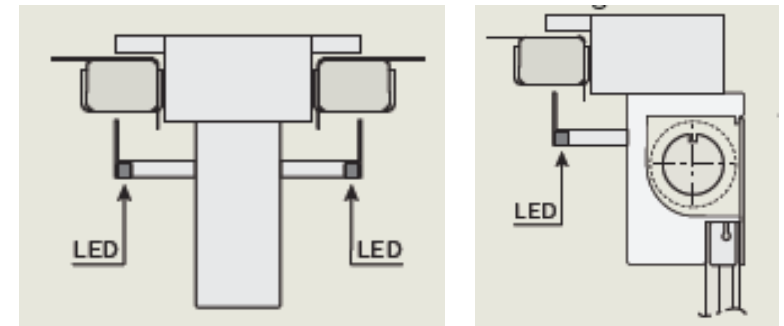


## LED In-Line configurations ( NOMO & RIALTO)

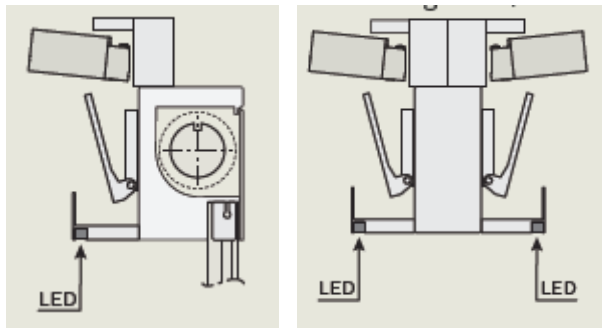
LED Line position: Please refer to the number of ribs for the pergola module you desire. Maximum two (2) Led kits can be configured with each “module”. A two module unit can have two LED kits. LED kits must be ordered at time of Pergola manufacturing.



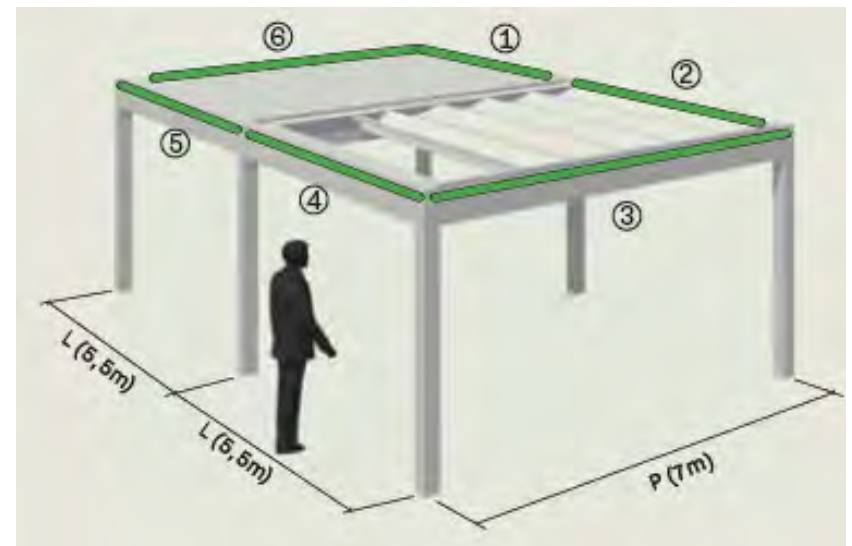
- Power Supply: 24 volts
- Light Output 420 Lumen/m
- Electrical use 14,4 W/m
- Maximum LED is 22 meter / kit



## LED Perimeter configurations ( NOMO & RIALTO)



Perimeter Upright



# NOMO & RIALTO: More Options

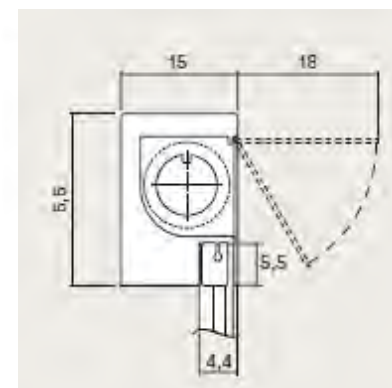
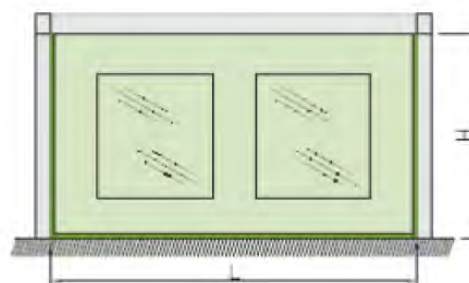


Undercovers

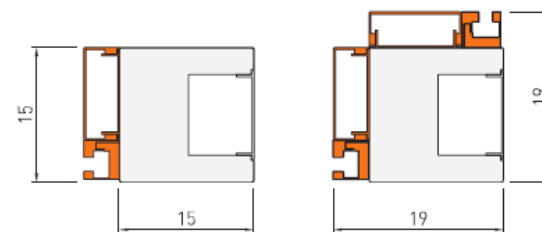


**RASO Side zipper screens ( Nomo model only)**

Mesh fabric or with windows

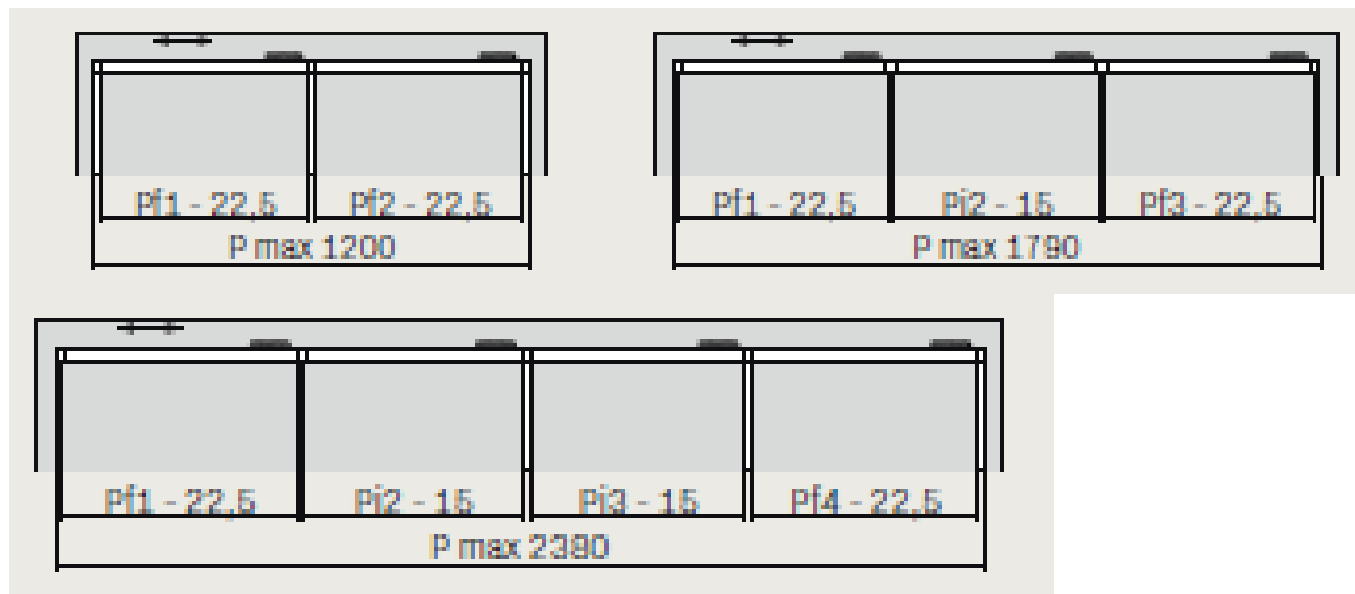
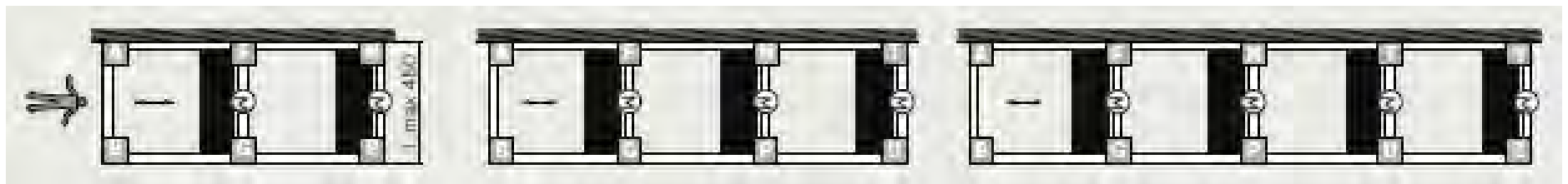


Post profile + Raso guide + compensator



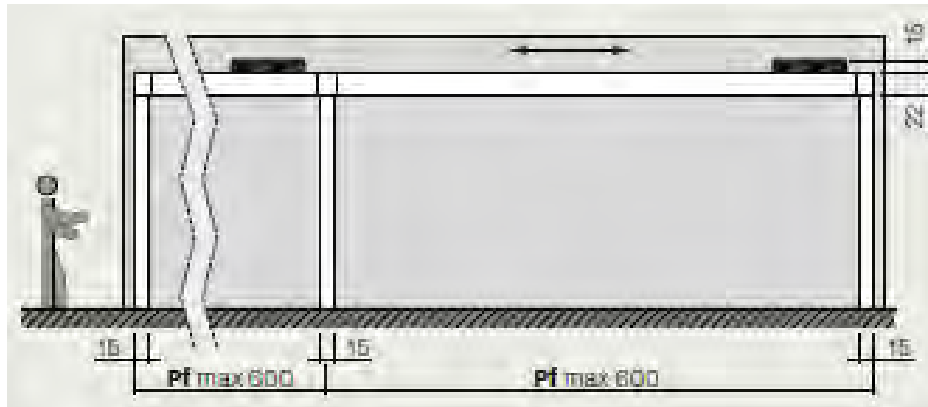
# BRERA

## “P” 03P: Mounted on projection side

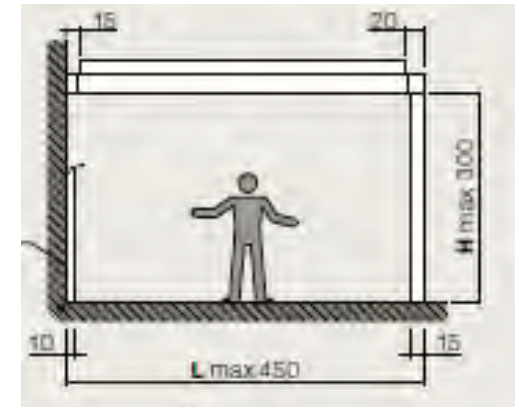


## BRERA "P" 03P: Mounted on projection side can't

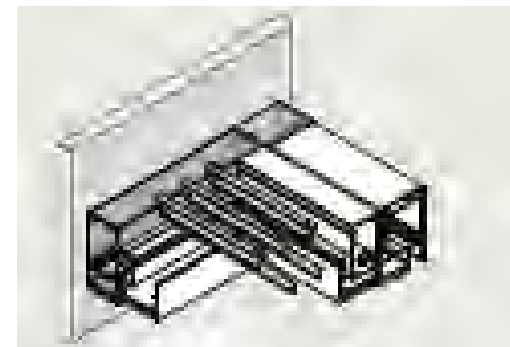
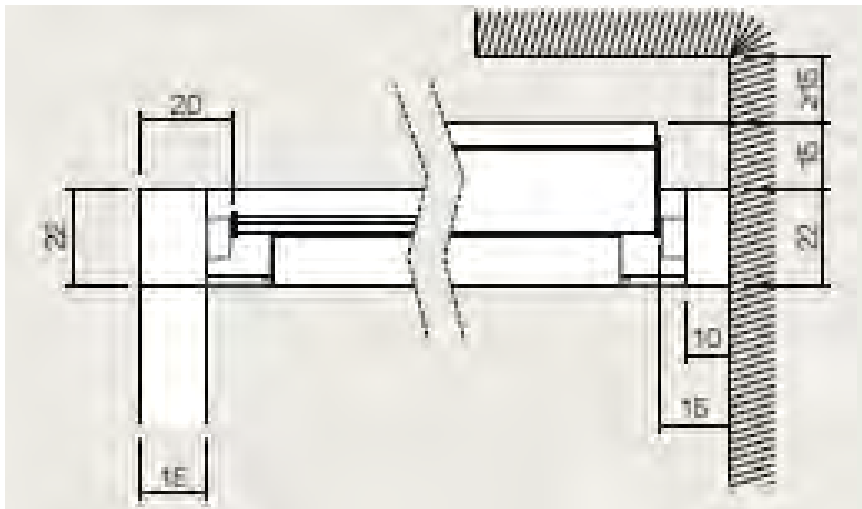
SIDE VIEW



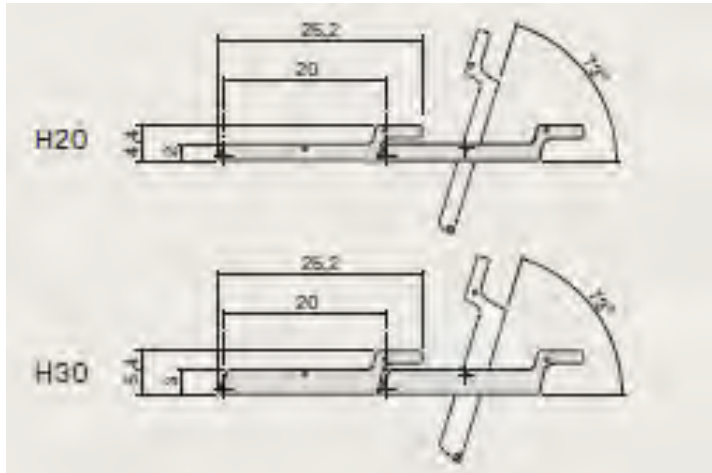
FRONT VIEW



10 x 15 profile added for Raso screens

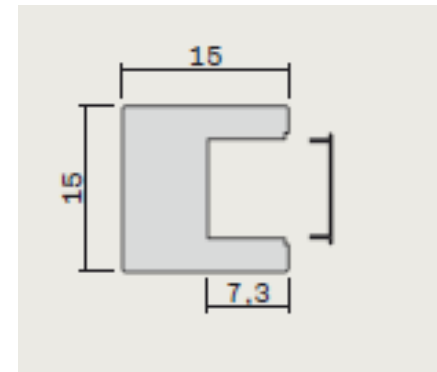


## BRERA P Louver / Technical details and dimensions continued.

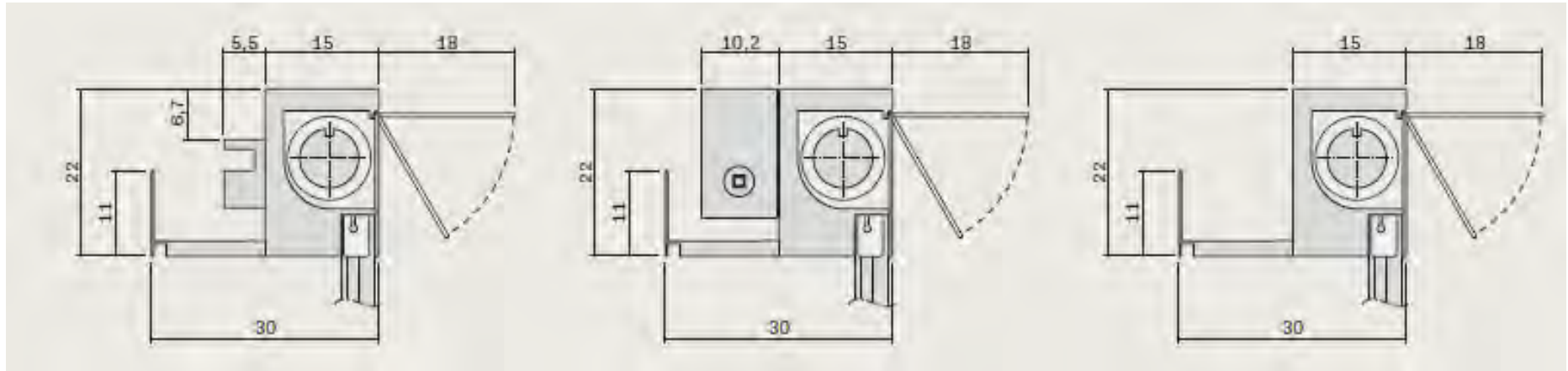


Blade / Louver Technical detail.

The thickness of the louver used H20 vs. H30 will depend on pergola unit width.



Post Technical detail.



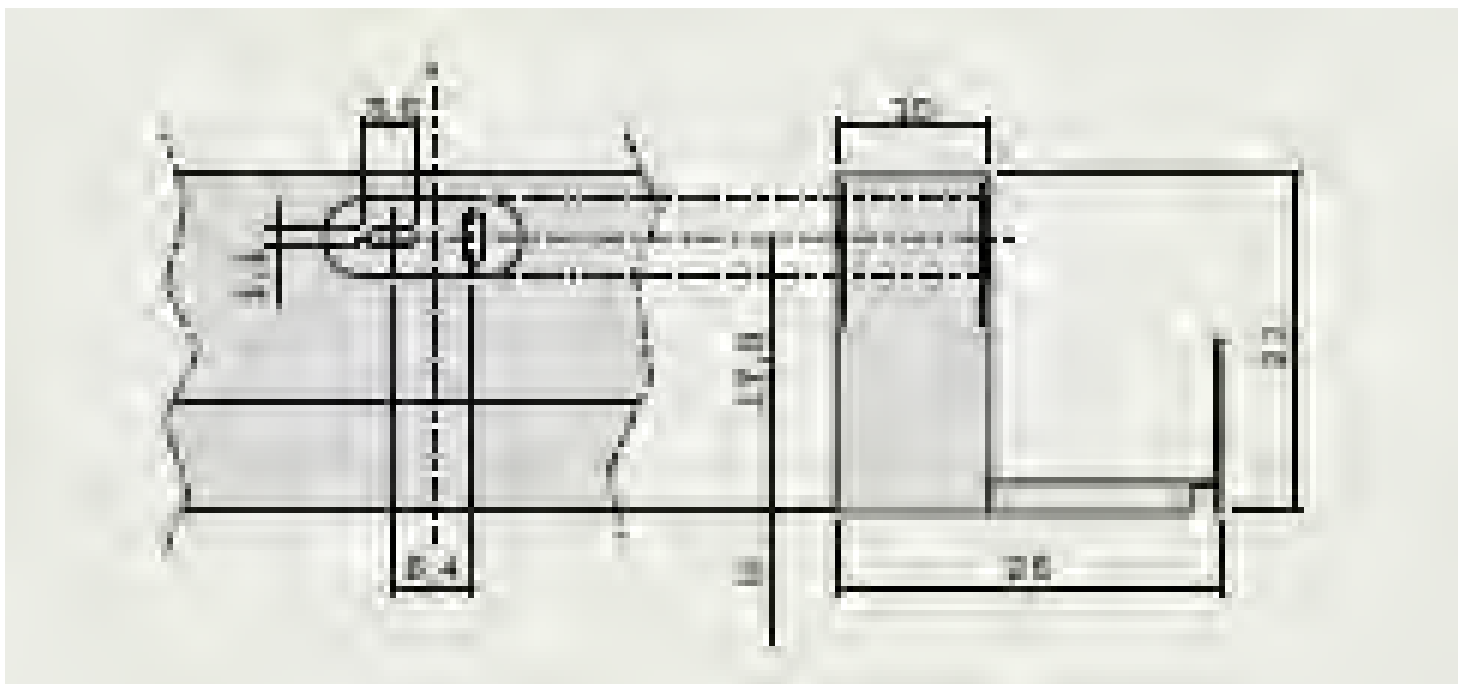
Support. Projection Profile

Support. Motor Profile  
Width Profile.

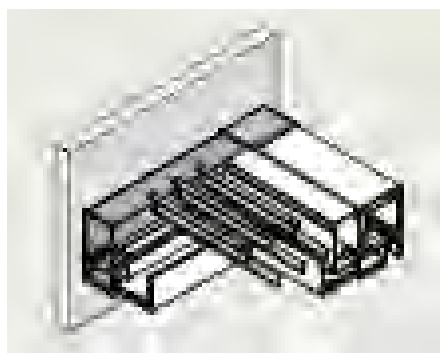
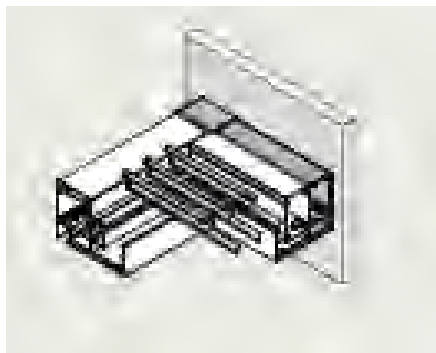
Support. Front Profile



## Brera P / Technical details and dimensions.



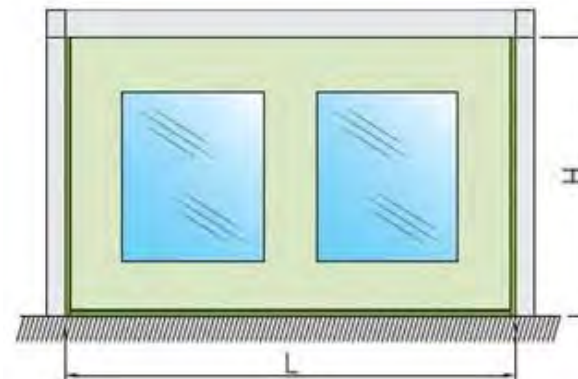
Details of WALL mounting points.





The OPERA and BRERA P models can be fitted with roll down RASO zipper screens for extra weather or sun protection on all sides. This optional screen system can be ordered with either mesh fabric, acrylic, or vinyl fabric and clear "film" windows for keeping moderate weather at bay during the winter months or rain during spring and summer months. If you only need sun protection on the sides or desire to keep mosquitos and pesky bugs at bay, our mesh fabrics will be fine.

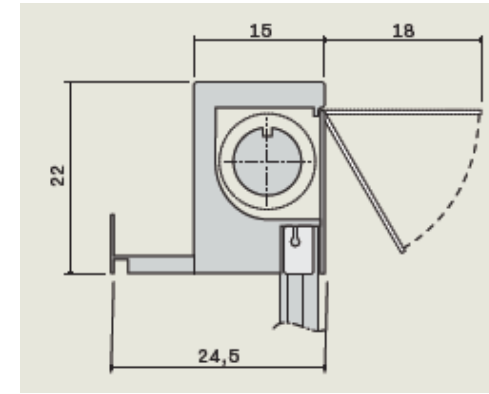
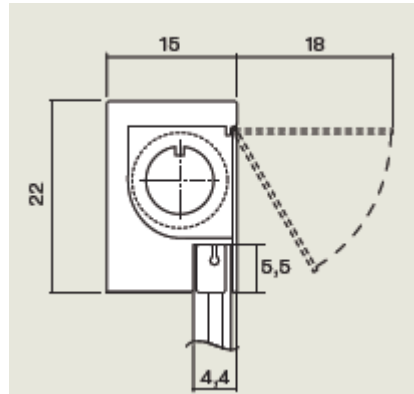
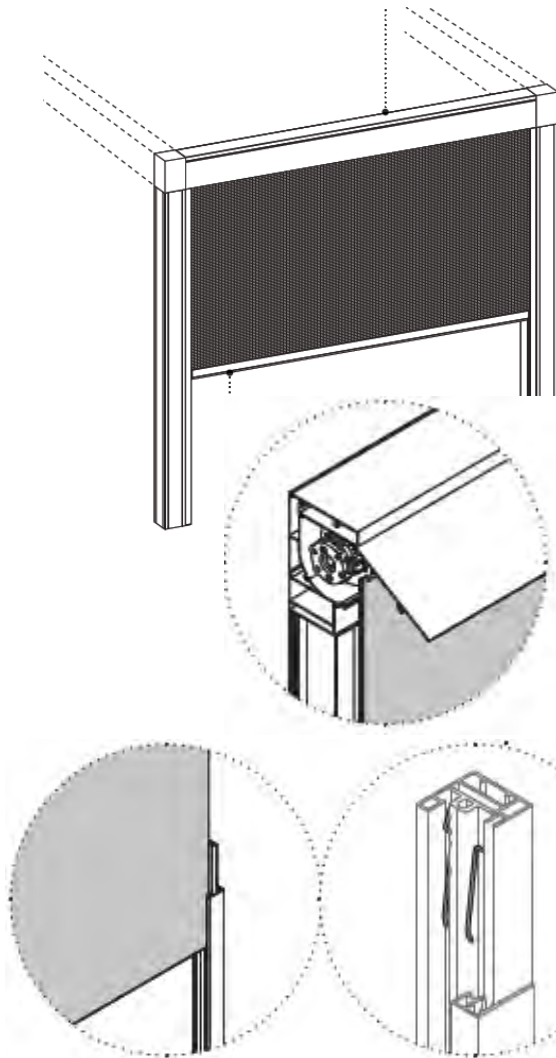
### Raso screens with windows



**Minimum border width around screen perimeter must be at least 25 cm (10") when using Ferrari with windows (See illustration above)**

### Raso zipper screens with mesh fabric

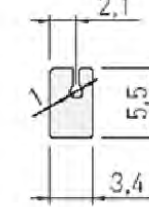
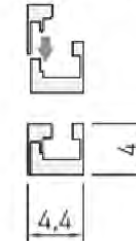
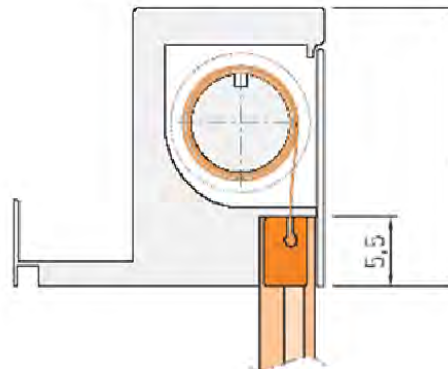
# RASO Screens con't



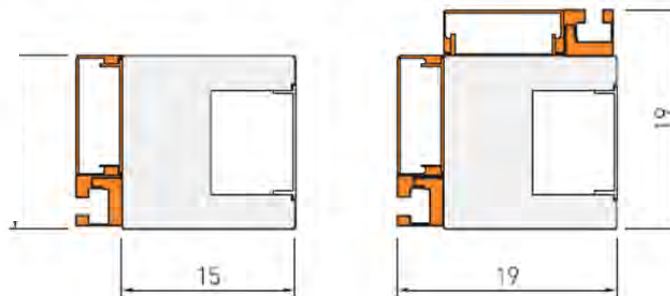
supporting profile with built-in Raso

Zip guide profile

Front profile



Post profile + Raso guide + compensator



Optional Gasket at bottom of hem bar.

**NOTE:** Typical posts with Raso Track and compensation profile added. Actual posts will vary with each system model.

# RASO Screens can't



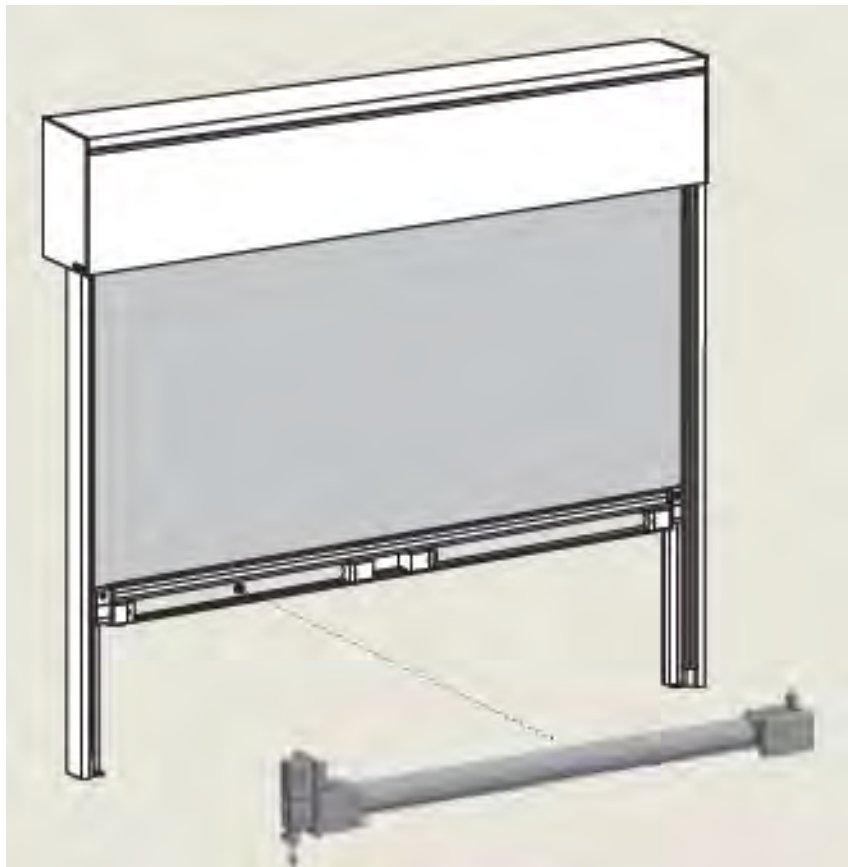
Raso

Minimum width:

200 cm / 79 "

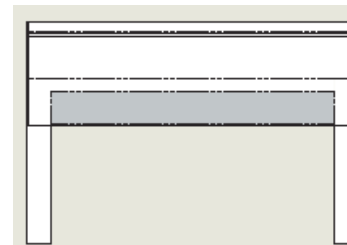
Maximum Height:

300 cm / 120"

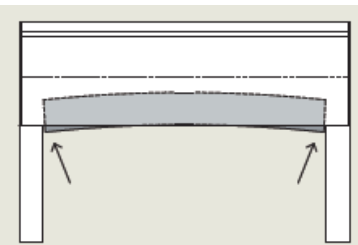


**Power Spring system is a “NEW” option that is available for Raso screens allowing for constant tension on the fabric. The (PSS) system utilizes gas springs which acts as shock absorbers and keeps constant tension on the fabric even in partially lowered position.**

YES



NO



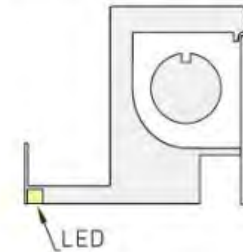


# OPTIONAL PERIMETER LED LIGHTING OPERA, VISION, and BRERA



## LED positioning

LED on depth side



The LED lights on the depth side are integrated into the standard gutter profile.

The OPERA & VISION can be fitted with remote controlled perimeter LED mood lighting RGB strips. The LED strips are available for the perimeter of the system only and can be multi colored or white only. You can have the system automatically change the color periodically, or keep it one color. The lights are dimmable to the desired brightness. These lights are controlled with the same remote as the louvered 24 volt motor.

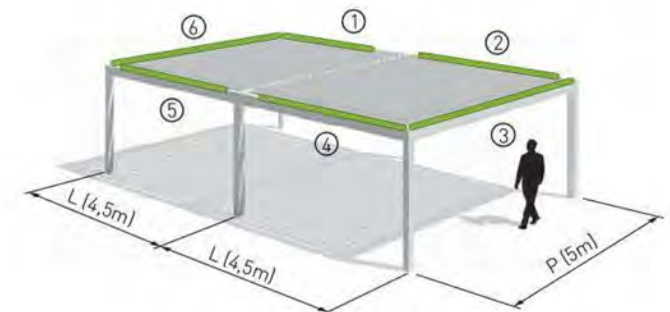


## Examples of LED configuration

- 1 22 m LED group (strips ①+②+④+⑤), switching on and dimming in common

- 2 10 m LED group (strips ①+② and strips ④+⑤), independent switching on and dimming of the 2 groups

- 4 5 m LED groups (strip ①, strip ②, strip ④, strip ⑤) independent switching on and dimming of the 4 groups





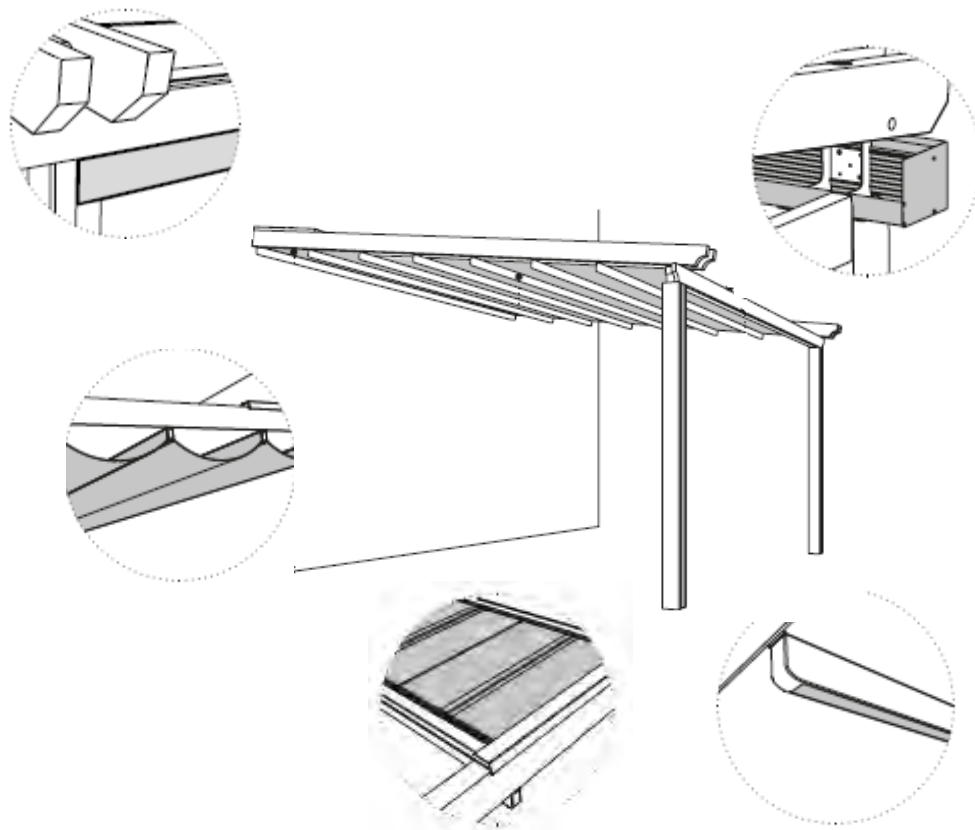
## **Model: WOOD PLUS Pergola®**



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m /16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	7 m / 22' 11" proj.	Undercover, LEDS, Heaters, Hood, Side Screens

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Supporting structure in wood with metal guides , posts, and gutter components.
- Standard wall mounted Pergola system suitable for larger patio areas.
- Integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- Combination wood and aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.



## WOOD PLUS: Commercial Installations

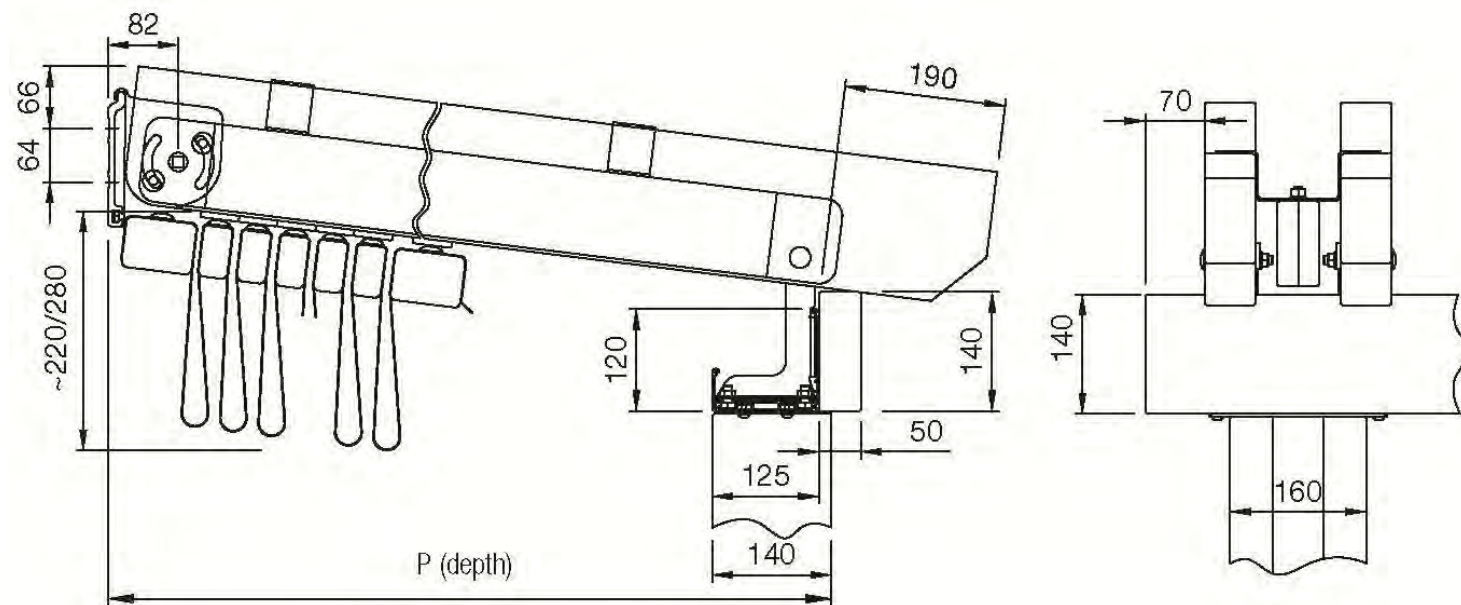




## WOOD PLUS: Residential Installations



# WOOD PLUS Pergola® Technical information



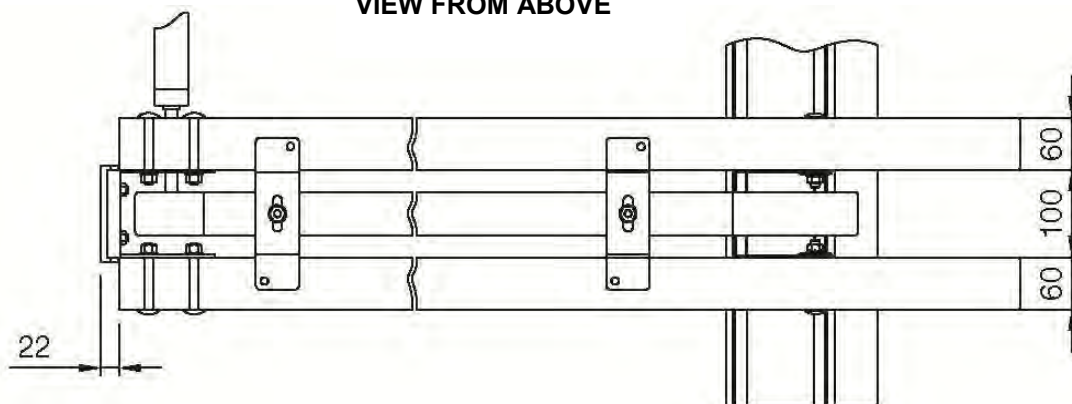
## Dimensions:

**P = Actual Projection from Wall**

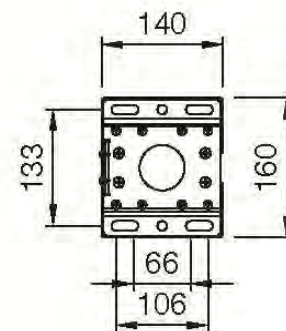
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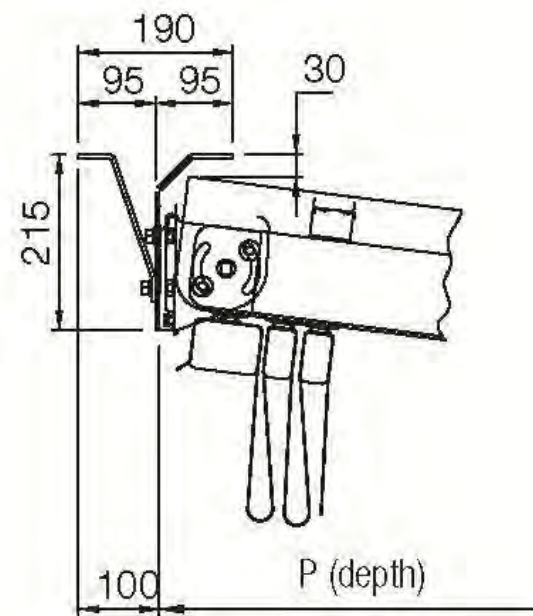
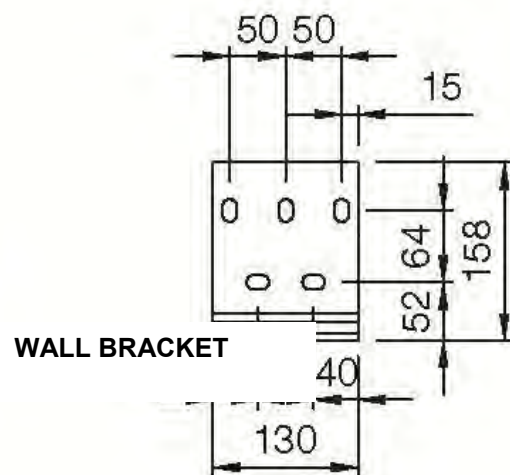
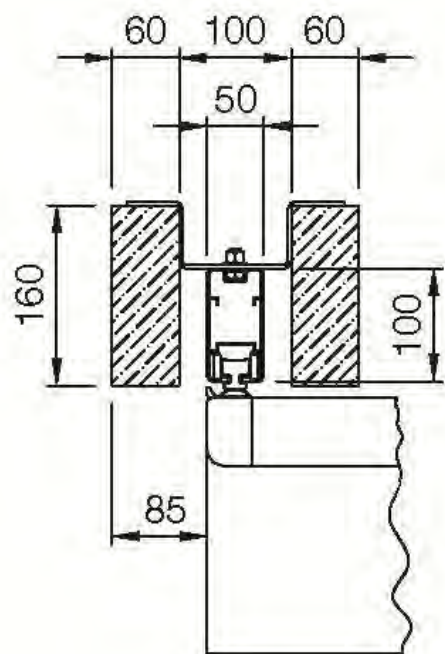
See minimum pitch diagram  
for proper water drainage

**VIEW FROM ABOVE**

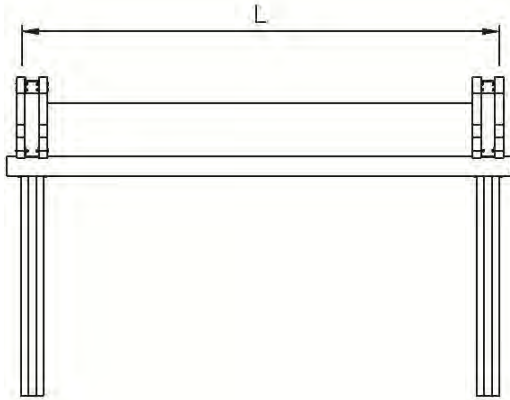


**FOOT PLATE**



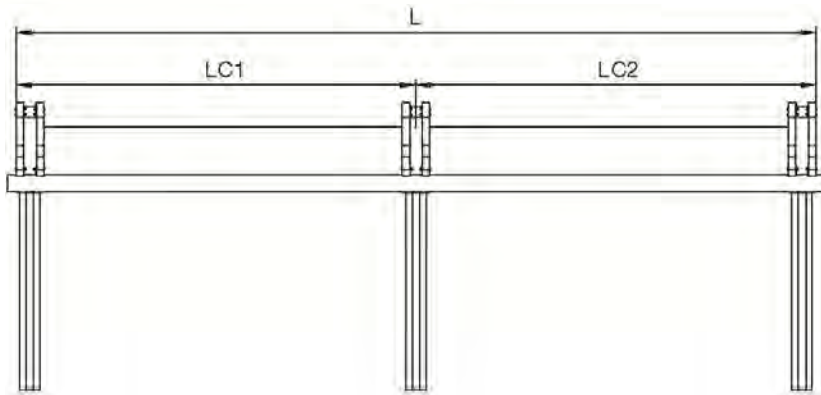






**TYPE 1: WOOD PLUS system**

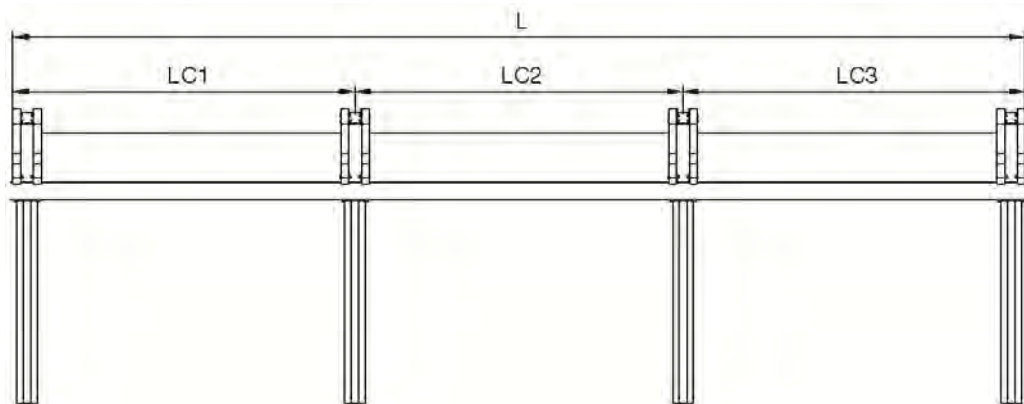
**L = from 8' 1" to max 16' 5" wide**



**TYPE 2: WOOD PLUS system**

**2 spans (L from 16' 2" to 29' 6" max total**

**L1 & L2 from 8' 1" to 14' 8" wide**

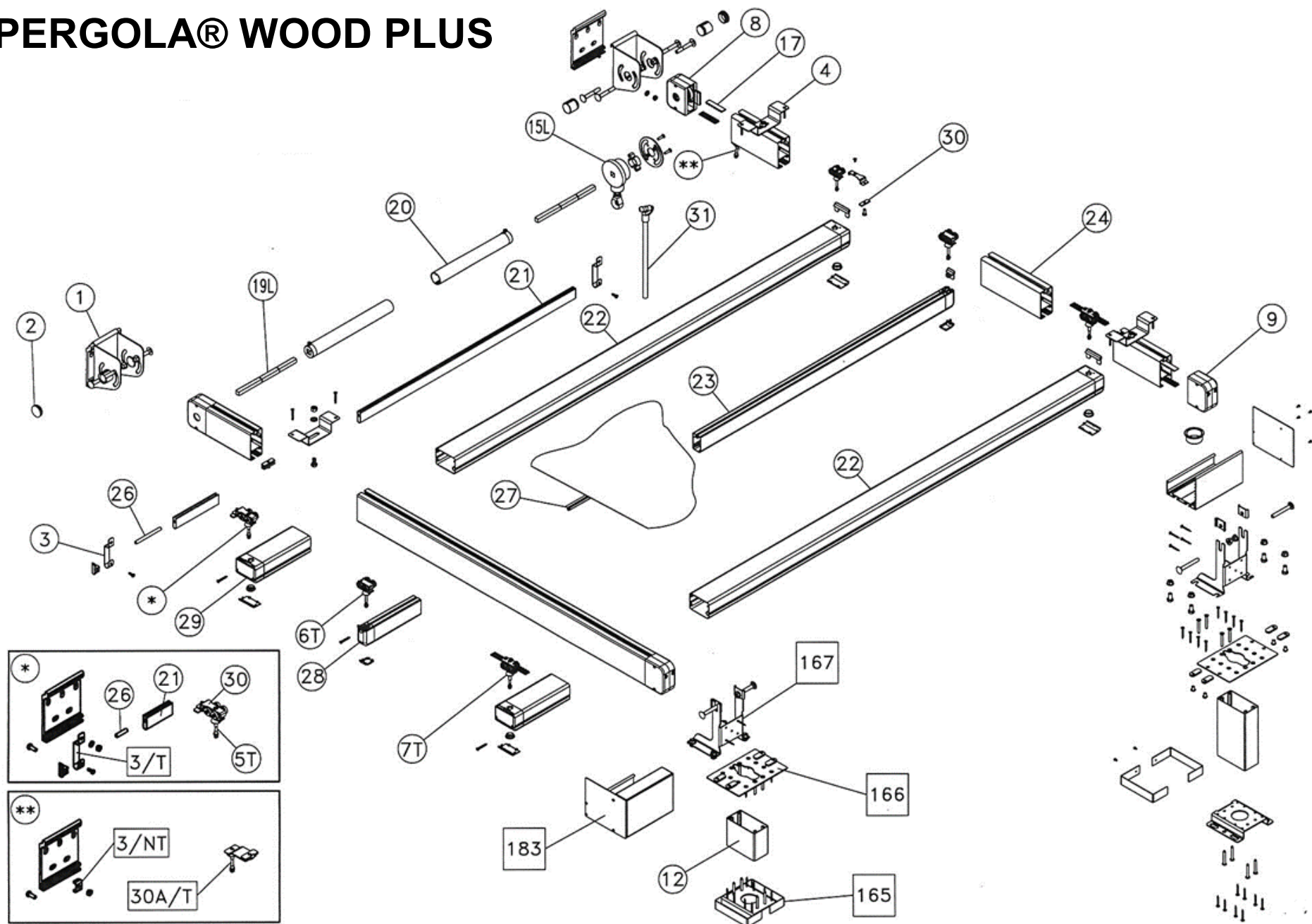


**TYPE 3: WOOD PLUS system**

**3 spans (L from 29' 5" to 42' 6")**

**L1, L2 & L3 from 9' 10" to 14' 1" wide**

# PERGOLA® WOOD PLUS



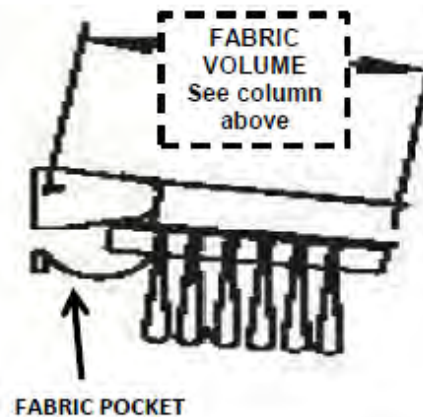
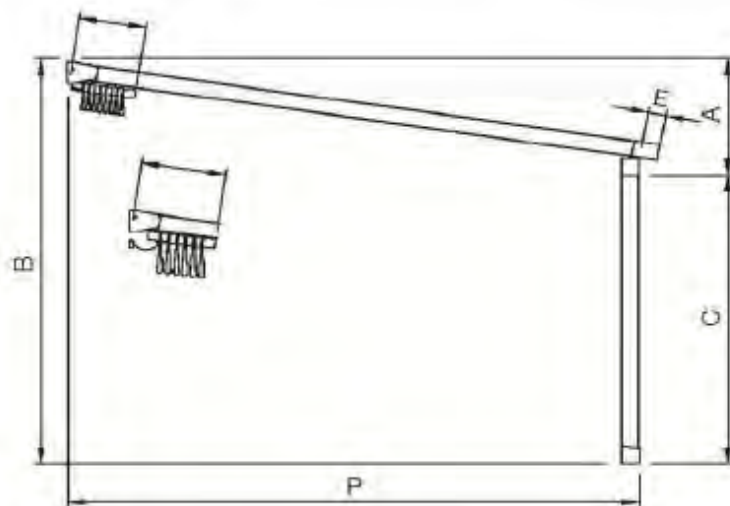
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "WOODPLUS" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

### WOOD PLUS

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FABRIC VOLUME RETRACTED  W/POCKET
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"			
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		
2.0M (6'-6")	49	20	53	21	57	23	59	24	60	24	60	24	3	18"
2.5M (8'-2")	54	22	59	24	64	26	67	27	68	27	68	27	4	19 3/4"
3.0M (9"-10")	59	24	65	26	71	28	74	30	75	30	75	30	5	21 3/4"
3.5M (11'-5")	64	26	71	28	78	31	81	32	83	33	83	33	6	23 1/2"
4.0M (13'-1")	68	27	76	30	84	34	88	35	90	36	90	36	7	25 1/4"
4.5M (14'-9")	73	29	82	33	91	36	96	38	98	39	98	39	8	27 1/8"
5.0M (16'-5")	78	31	88	35	98	39	103	41	105	42	105	42	9	29 1/8"
5.5M (18')	83	33	94	38	105	42	110	44	113	45	113	45	10	30 3/4"
6.0M (19'-8")	87	35	99	39	111	44	117	47	120	48	120	48	11	32 3/4"
6.5M (21'-4")	92	37	105	42	118	47	125	50	128	51	128	51	12	34 3/4"
7.0M (22'-11")	97	39	111	44	125	50	132	52	135	54	135	54	13	36 3/4"

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"



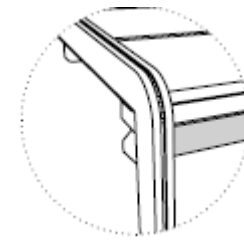
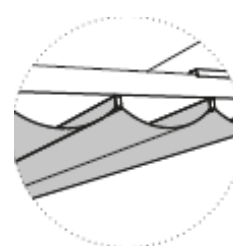
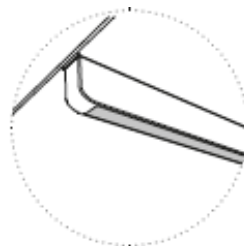
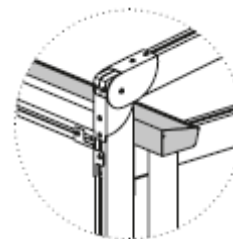
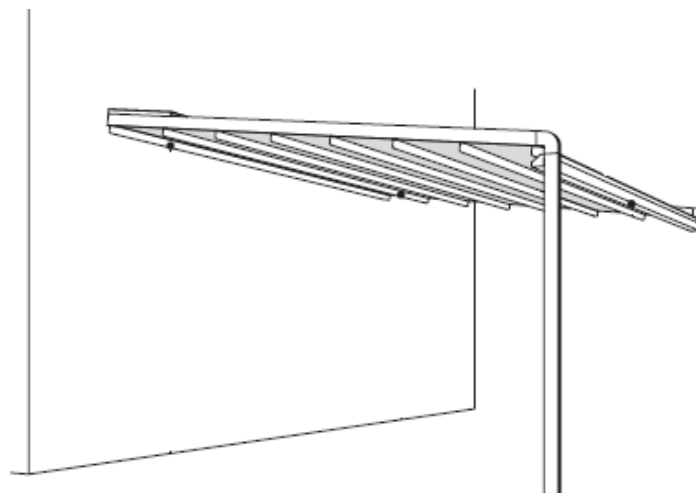
## **Model: Alutecnic Pergola®**



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m / 42' 7" Type 3	5.5 m / 18' proj.	Undercover, LEDS, Hood,

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for smaller patio areas.
- Front gutter optional.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes .
- Motorized all sizes and required on larger sizes.
- Optional hood system available.

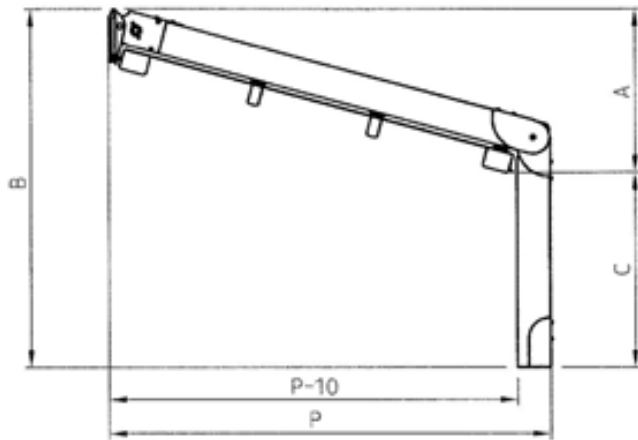




## Alutecnic: Installations



# ALUTECNIC Pergola® Technical information



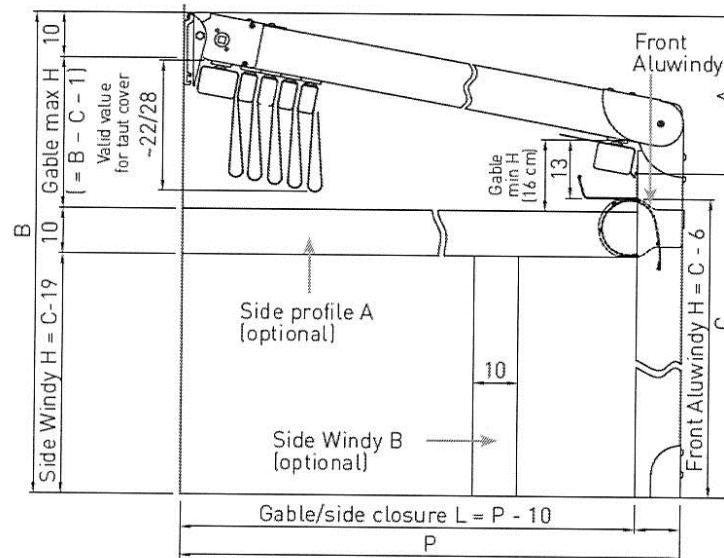
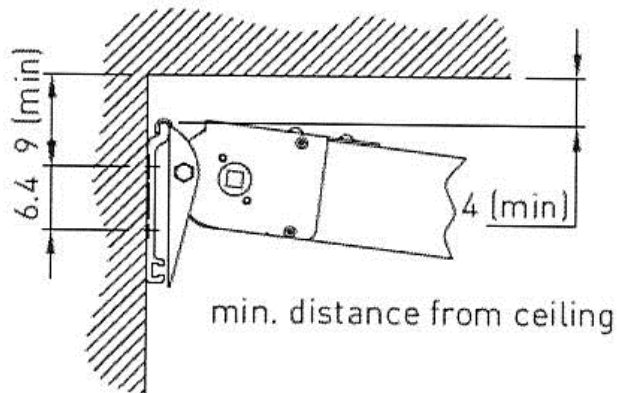
## Dimensions:

**A = Height of Slope**

**B = Height at top back**

**C = Post Height / Under gutter height**

**P = Actual Projection from wall**



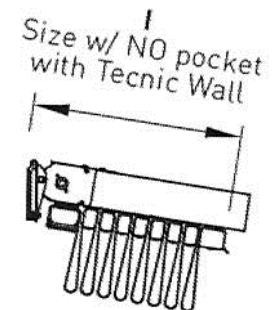
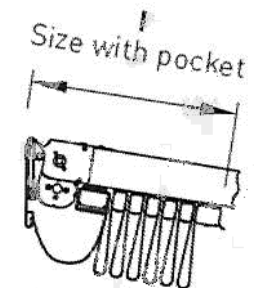
\* Front Aluwindy height: (fixed value) C - 6  
Side Aluwindy height: (fixed value) C - 19

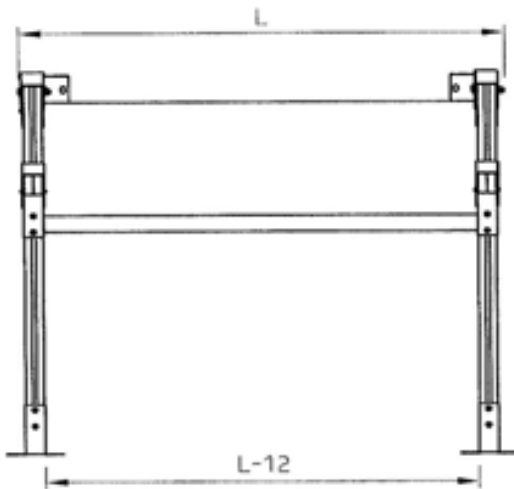
## OPTIONAL:

Front gutter and Cross bar are both optional and not included in pergola unit. It is however recommended to add both items for stability and drainage.

**NOTE:**

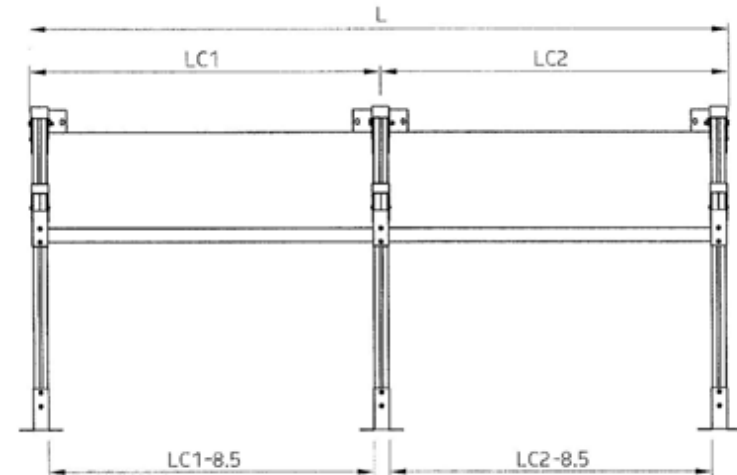
See minimum pitch diagram for proper water drainage





**TYPE 1: Alutecnic system**

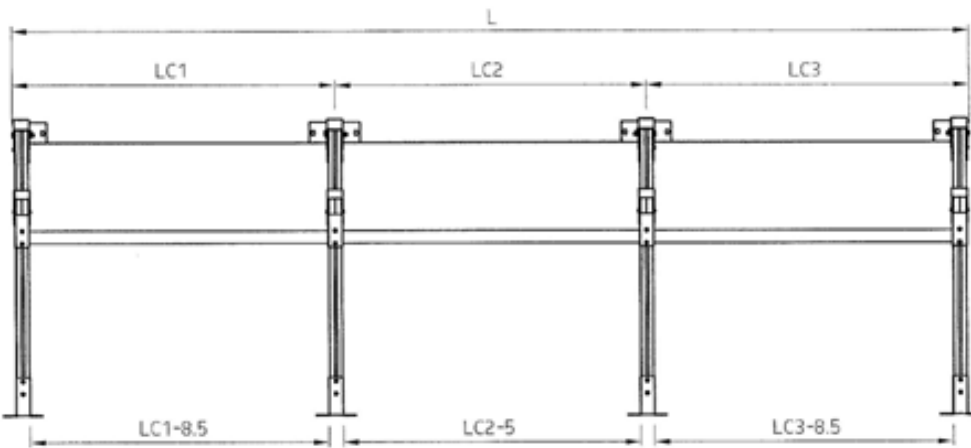
**L = from 8' 2" to max 16' 5" wide**



**TYPE 2: Alutecnic system**

**2 spans (L from 14' 8" to 29' 6" max total**

**L1 & L2 from 6' 6" to 14' 8" wide**



**TYPE 3: Alutecnic system**

**3 spans (L from 27' 11" to 42' 7")**

**L1, L2 & L3 from 6' 6" to 14' 1" wide**



ALUTECNIC



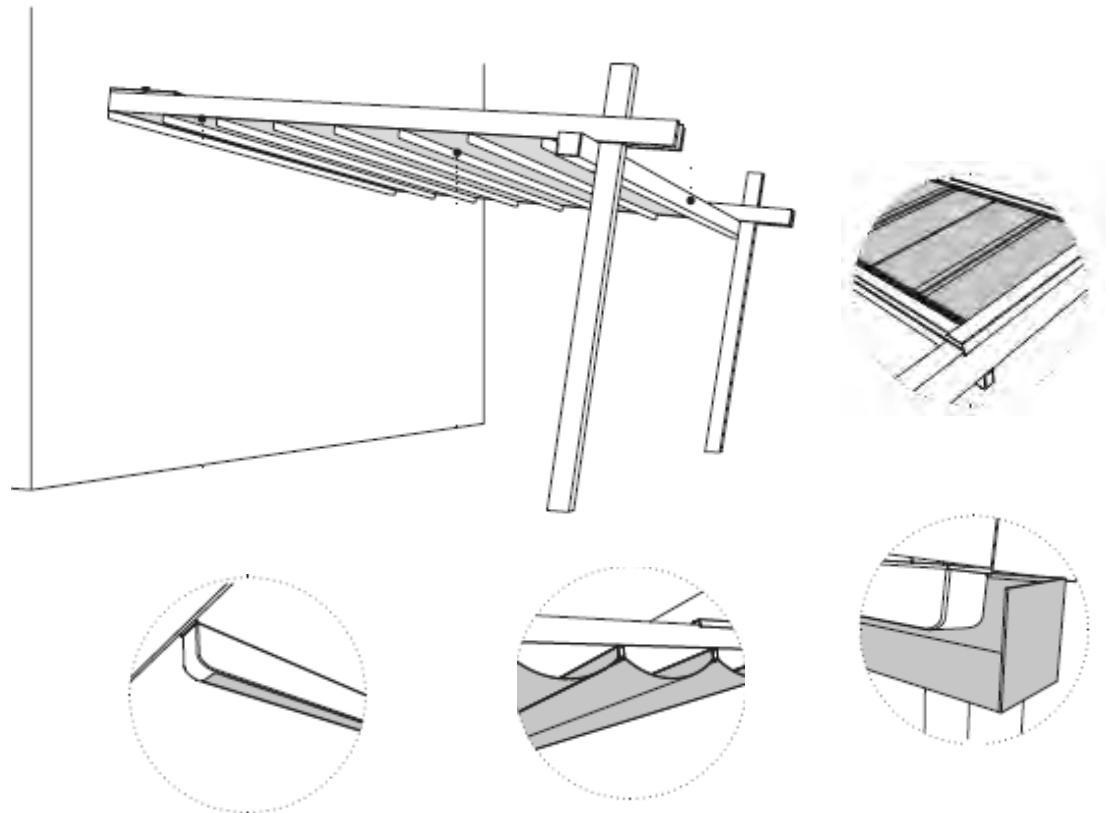
## **Model: Stil Pergola®**



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m / 42' 7" Type 3	7 m / 22' 11" proj.	Undercover, LEDs, Heaters, Hood, Side Screens

### **PRODUCT FEATURES:**

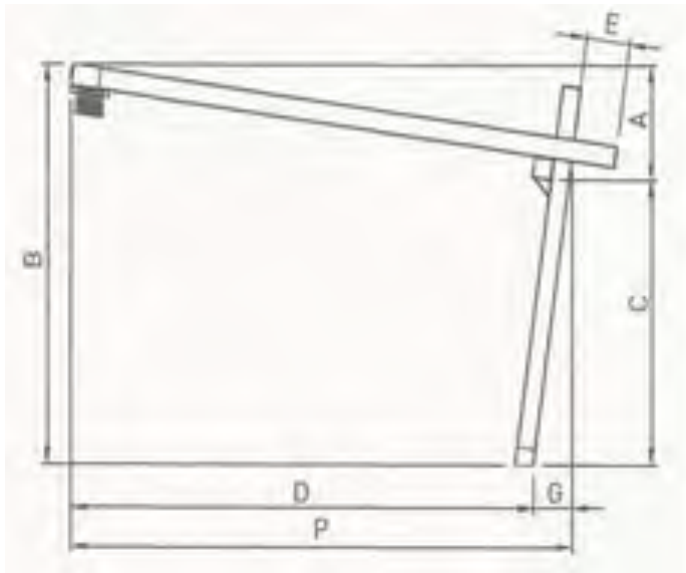
- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for medium sized patio areas.
- Integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.



## Stil: Installations



# STIL Pergola® Technical information



## **Dimensions:**

**A = Height of Slope**

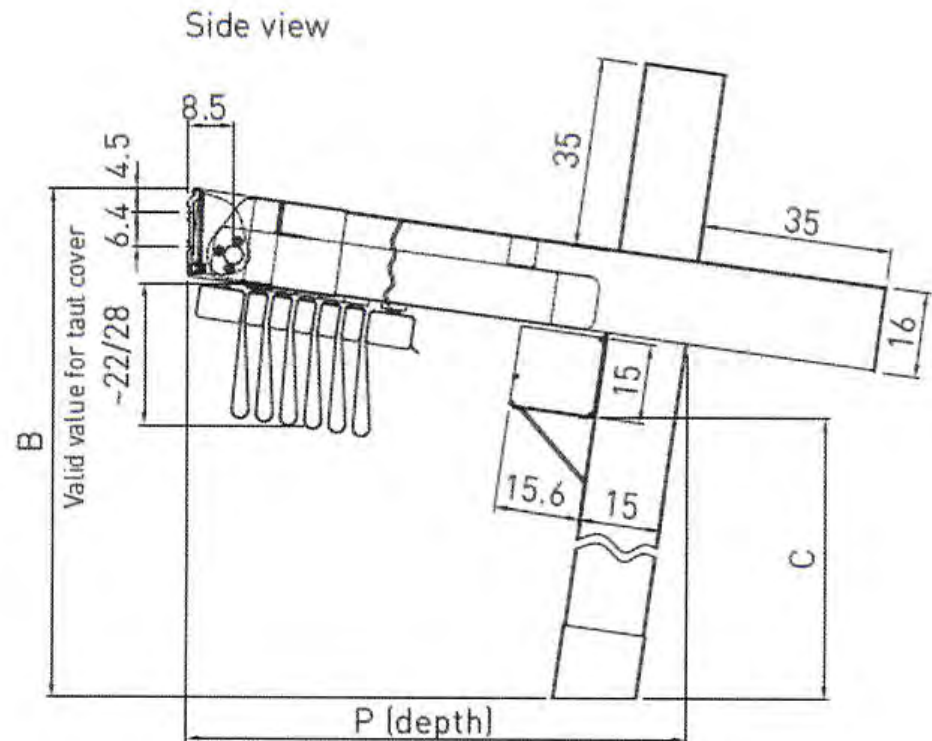
**B = Height at top back**

**C = Post Height / Under gutter height**

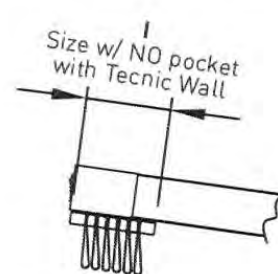
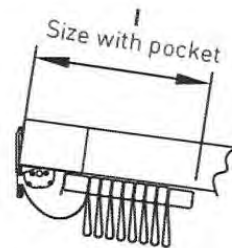
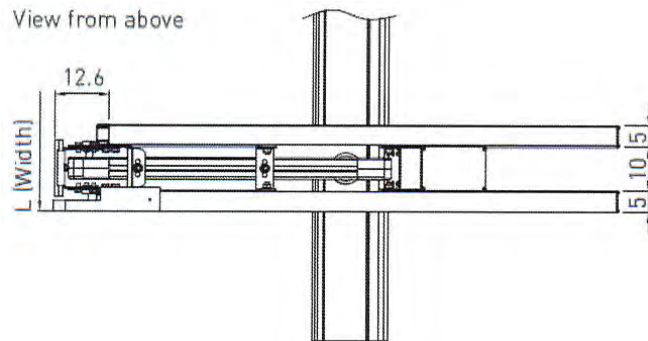
**P = Actual Projection from wall**

## **NOTE:**

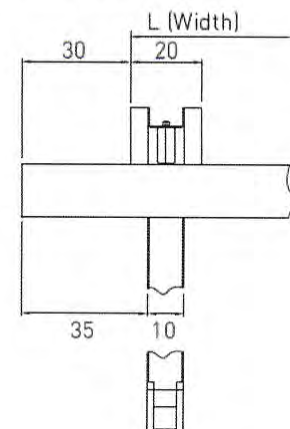
See minimum pitch diagram  
for proper water drainage



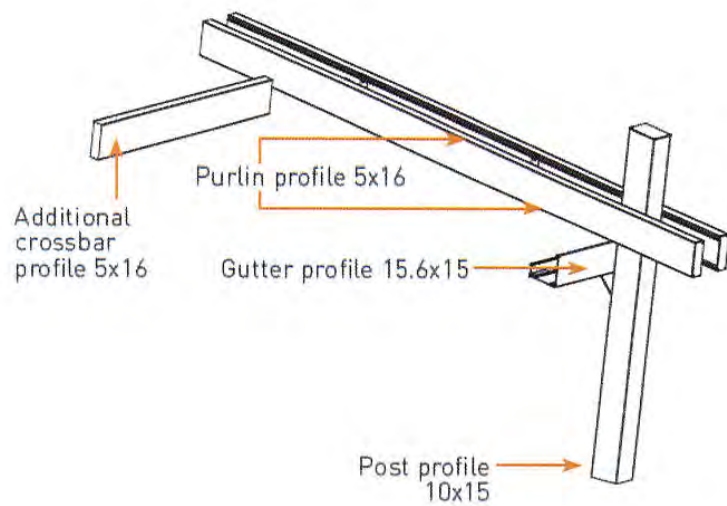
View from above



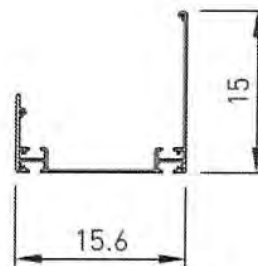
Front view



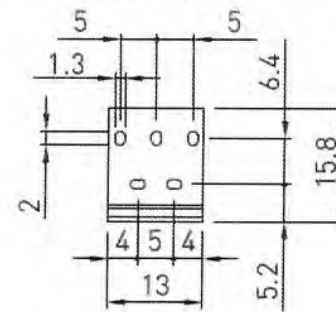




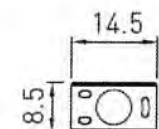
Gutter profile  
cod. 2595



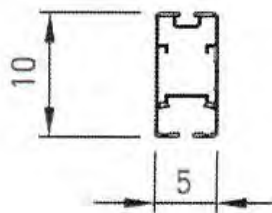
Wall fixing kit detail  
code 2732



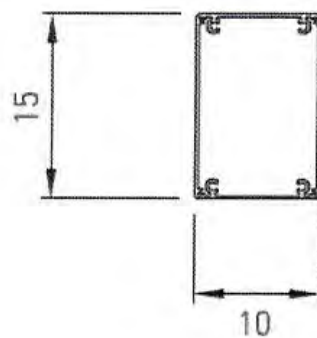
Ground  
bracket detail  
code 2608



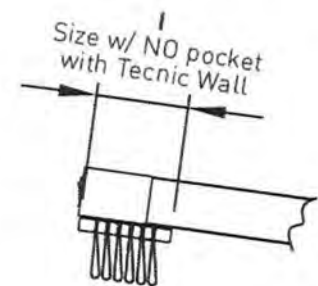
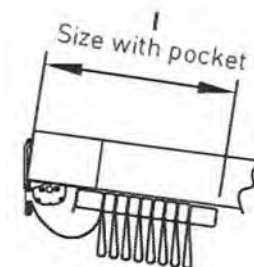
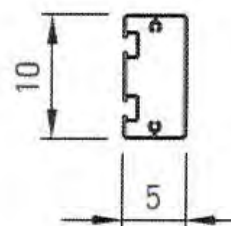
Guide profile  
cod. 2136



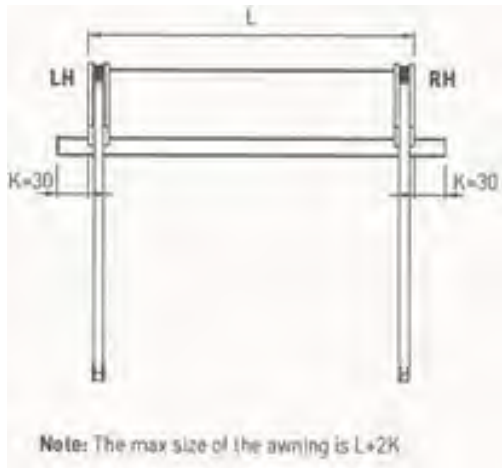
Post profile  
cod. 2591



Motor crossbar  
profile cod. 2828

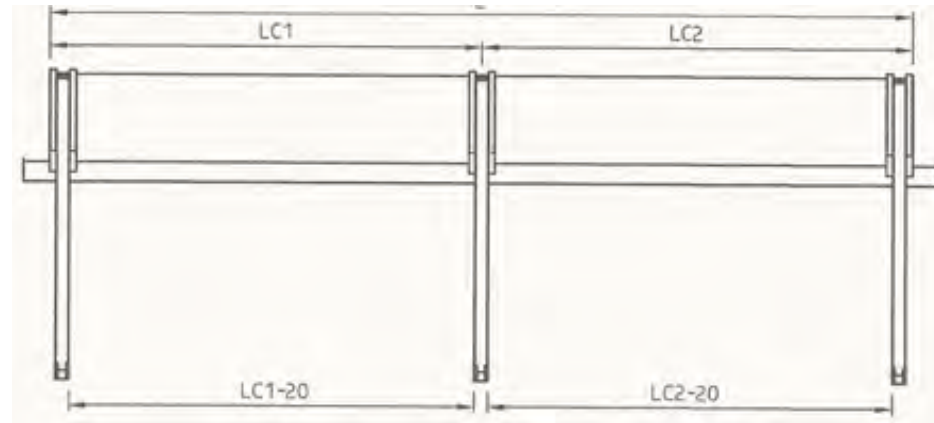






### **TYPE 1: Stil system**

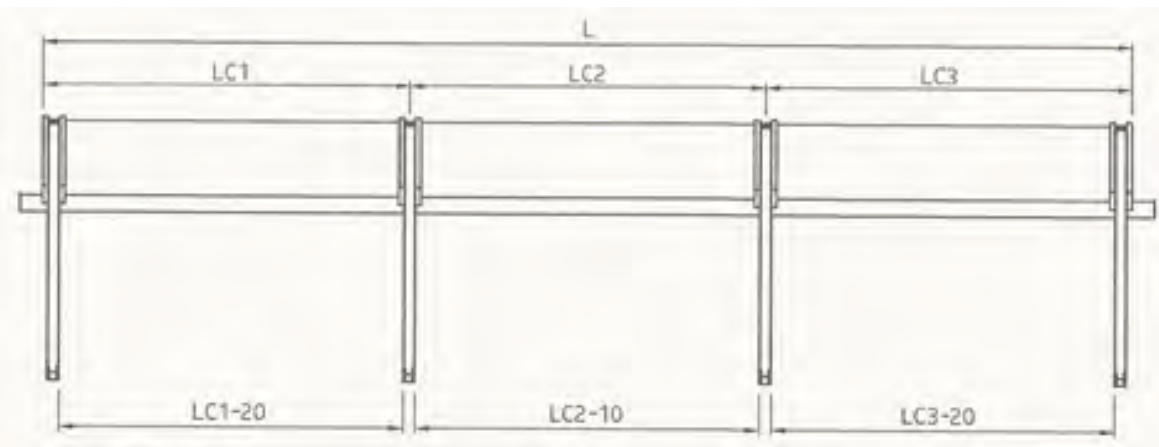
**L = from 8' 2" to max 16' 5" wide**



### **TYPE 2: Stil system**

**2 spans (L from 14' 8" to 29' 6" max total**

**LC1 & LC2 from 6' 6" to 14' 8" wide**



### **TYPE 3: Stil system**

**3 spans (L from 27' 11" to 42' 7")**

**LC1, LC2 & LC3 from 6' 6" to 14' 1" wide**

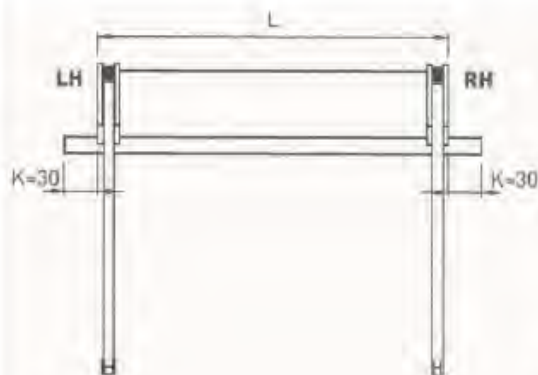
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "STIL" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

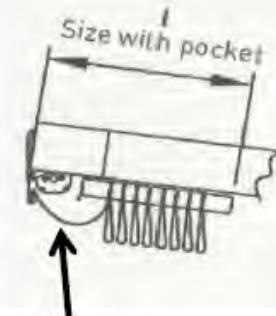
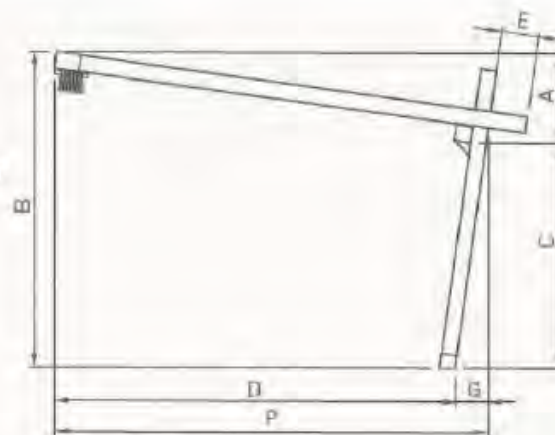
## STIL

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FAB. VOLUME RETRACTED/W POCKET  CM  INCES	FAB. VOLUME RETRACTED/W POCKET  INCES
	2.5M 8'-2"		3.0M 9'-10"		3.5M 11'-5"		4.0M 13'-1"		4.5M 14'-9"		5.0M 16'-5"				
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES			
2.0M (6'-6")	50	20	54	22	58	23	60	24	61	25	61	25	3	46	19
2.5M (8'-2")	55	22	60	24	65	26	68	27	69	28	69	28	4	50	20
3.0M (9"-10")	60	24	66	26	75	30	75	30	76	30	76	30	5	55	22
3.5M (11'-5")	65	26	72	29	79	32	82	33	84	34	84	34	6	60	24
4.0M (13'-1")	69	28	77	31	85	34	89	36	91	36	91	36	7	64	26
4.5M (14'-9")	74	30	83	33	92	37	97	39	99	39	99	39	8	69	28
5.0M (16'-5")	79	32	89	36	99	39	104	41	106	42	106	42	9	74	30
5.5M (18')	84	34	95	38	106	42	111	44	114	45	114	45	10	78	31
6.0M (19'-8")	88	35	100	40	112	45	118	47	121	48	121	48	11	83	33
6.5M (21'-4")	93	37	106	42	119	47	126	50	129	51	129	51	12	88	35
7.0M (22'-11")	98	39	112	45	126	50	133	53	136	54	136	54	13	93	37

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"



Note: The max size of the awning is  $L+2K$



FABRIC POCKET

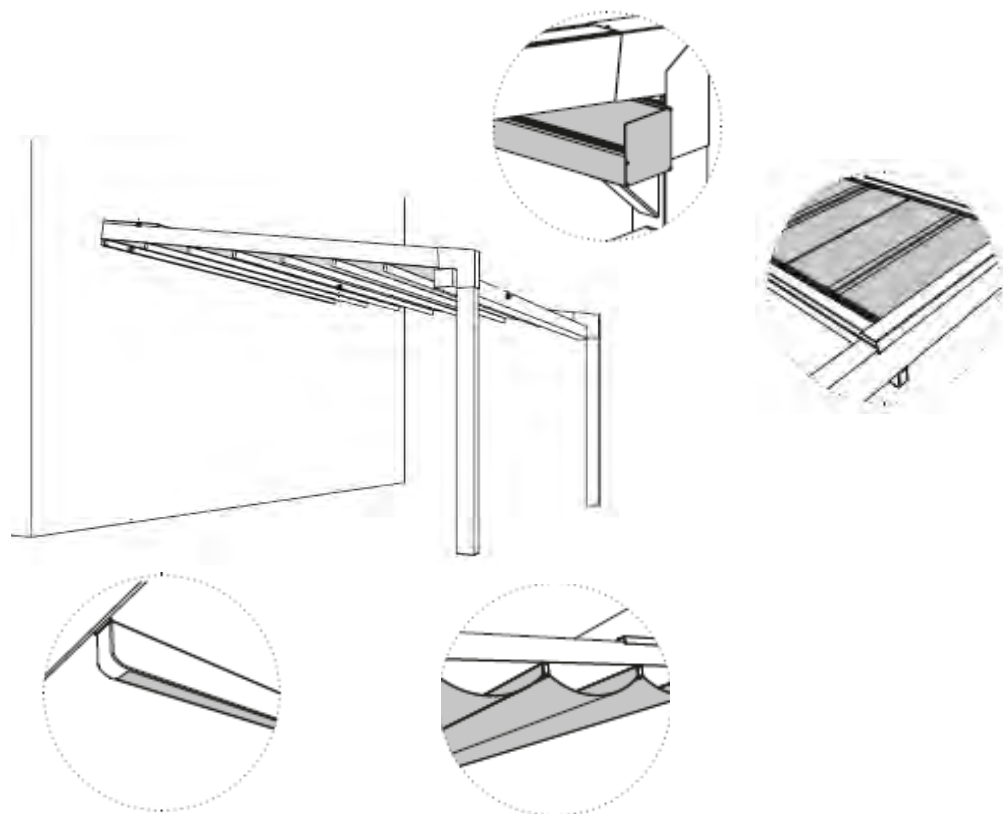
## **Model: Evo Pergola®**



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m/42' 7" Type 3	9.0 meters / 29' 6" proj.	Undercover, LEDs, Heaters, Hood, Side Screens

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for medium to large sized patio areas.
- Modern design integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.



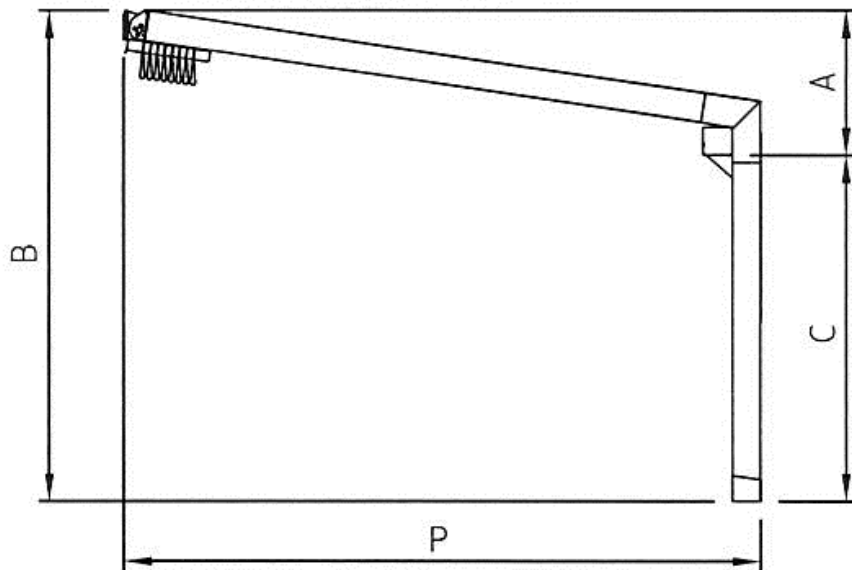


## Evo: Installations





# EVO Pergola® Technical information



## Dimensions:

**A = Height of Slope**

**B = Height at top back**

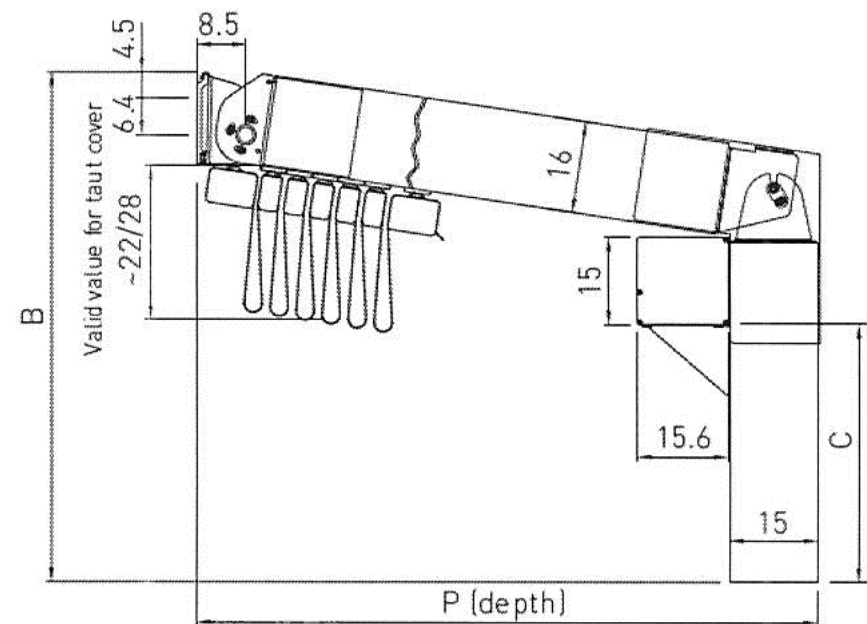
**C = Post Height / Under gutter height**

**P = Actual Projection from wall**

## **NOTE:**

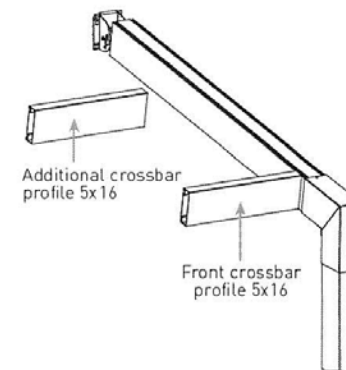
**See minimum pitch diagram for proper water drainage**

Side view

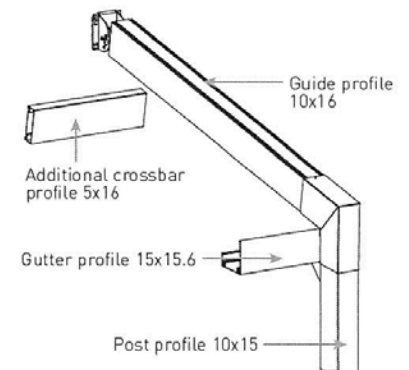


## **EVO** DIMENSIONS AND TECHNICAL DETAILS Measurements in cm

Version with crossbar front profile

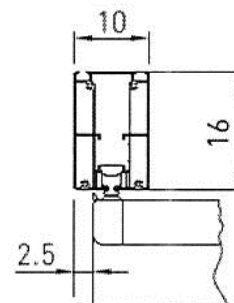


Version with gutter

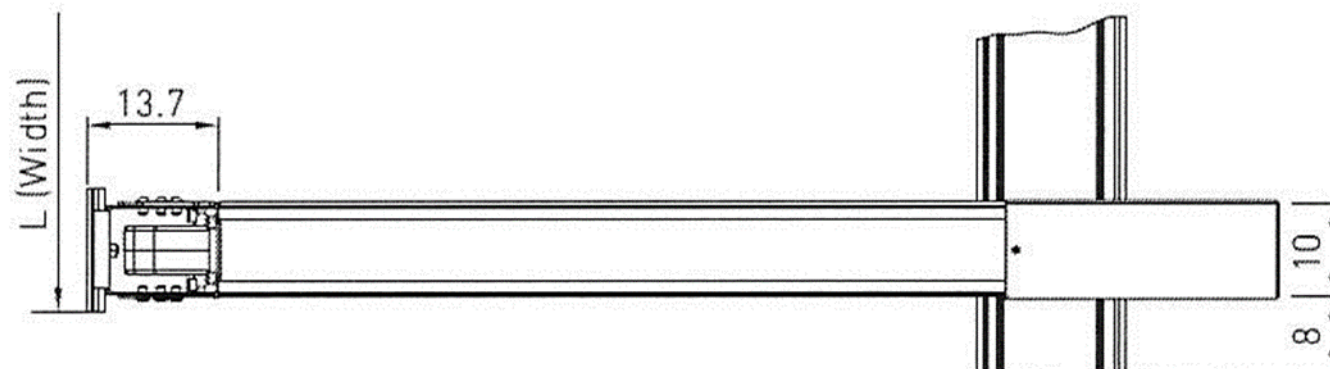


**Note:** Additional crossbar profile or gutter profile required.

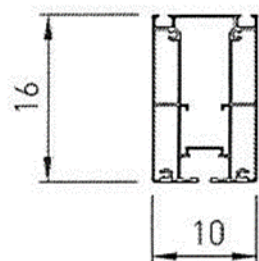
Front section



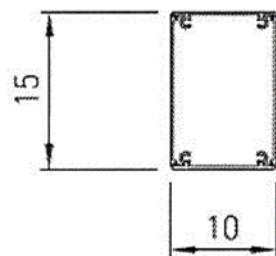
View from above



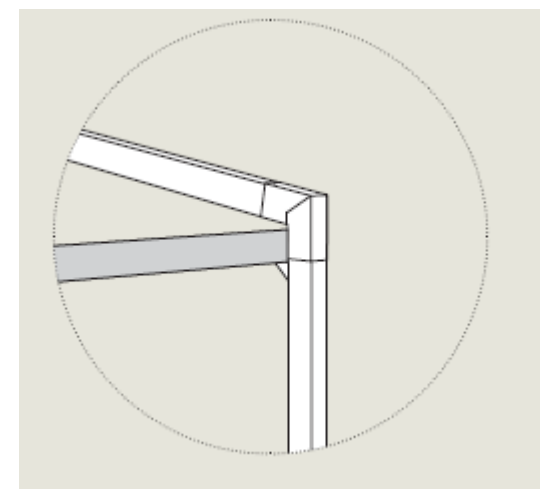
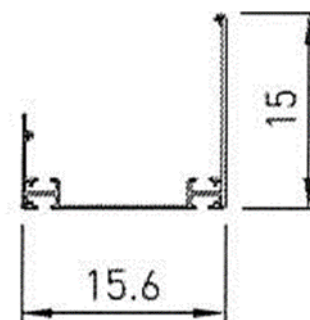
Guide profile  
cod. 2860



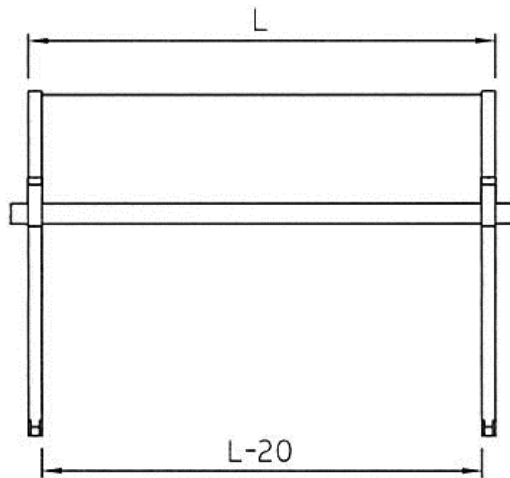
Post profile  
cod. 2591



Gutter profile  
cod. 2595

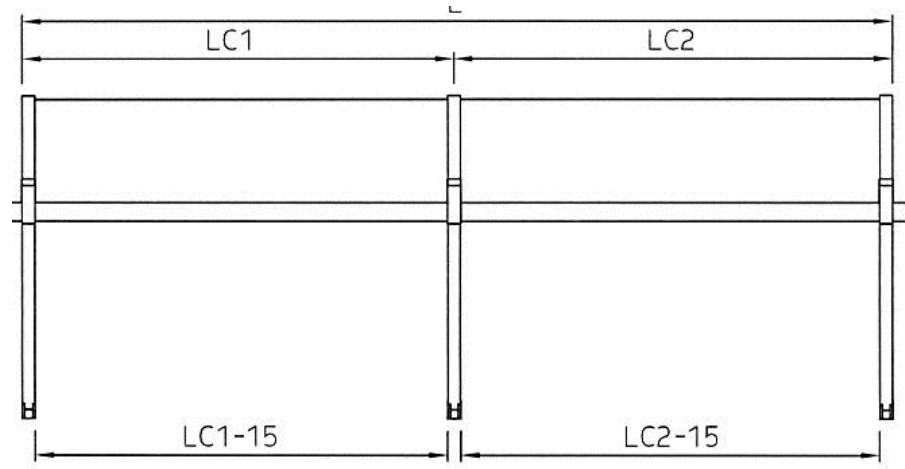


**OPTIONAL EVO GUTTER**



**TYPE 1: Evo system**

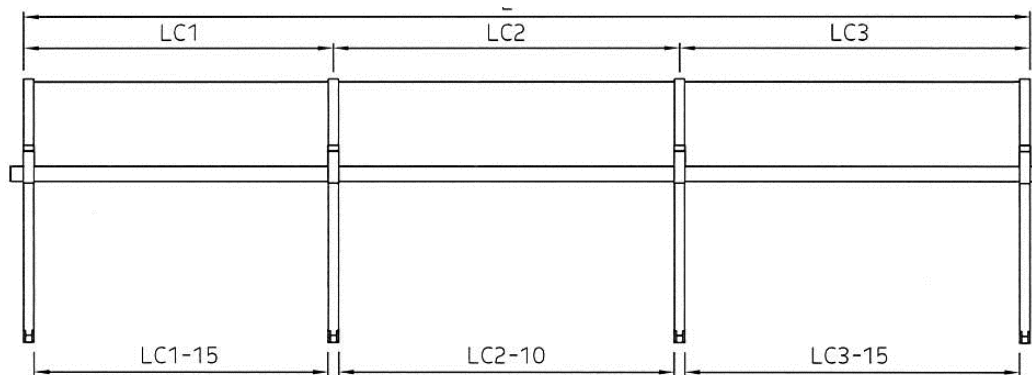
**L = from 8' 2" to max 16' 5" wide**



**TYPE 2: Evo system**

**2 spans (L from 14' 8" to 29' 6" max total**

**L1 & L2 from 6' 6" to 14' 8" wide**



**TYPE 3: Evo system**

**3 spans (L from 27' 11" to 42' 7")**

**L1, L2 & L3 from 6' 6" to 14' 1" wide**

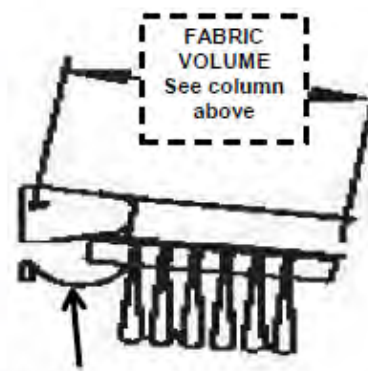
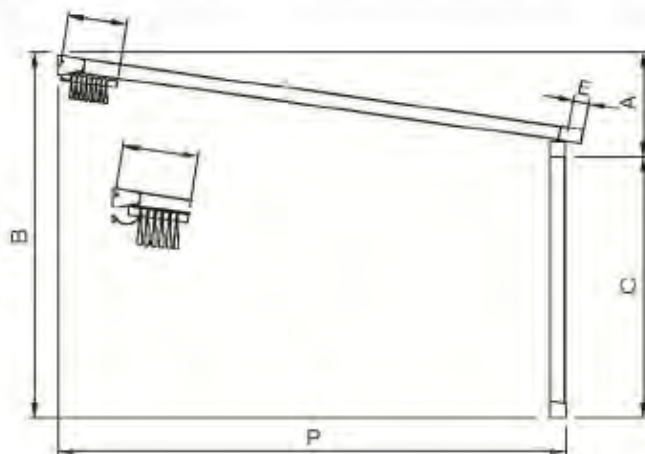
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "EVO" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST

### EVO

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FAB. VOLUME RETRACTED/W POCKET	FAB. VOLUME RETRACTED/W POCKET
	2.5M		3.0M		3.5M		4.0M		4.5M		5.0M				
	8'-2"		9'-10"		11'-5"		13'-1"		14'-9"		16'-5"				
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		CM	INCES
2.0M (6'-6")	50	20	54	22	58	23	60	24	61	25	61	25	3	46	19
2.5M (8'-2")	55	22	60	24	65	26	68	27	69	28	69	28	4	50	20
3.0M (9"-10")	60	24	66	26	72	29	75	30	76	30	46	19	5	55	22
3.5M (11'-5")	65	26	81	32	79	32	82	33	84	34	84	34	6	60	24
4.0M (13'-1")	69	28	88	35	85	34	89	36	91	36	91	36	7	64	26
4.5M (14'-9")	74	30	93	37	92	37	97	39	99	39	99	39	8	69	28
5.0M (16'-5")	79	32	98	39	99	39	104	41	106	42	106	42	9	74	30
5.5M (18')	84	34	95	38	106	42	111	44	114	45	114	45	10	78	31
6.0M (19'-8")	88	35	100	40	112	45	118	47	121	48	121	48	11	83	33
6.5M (21'-4")	93	37	106	42	119	47	126	50	129	51	129	51	12	88	35
7.0M (22'-11")	98	39	112	45	126	50	133	53	136	54	136	54	13	93	37
7.5M (24'-7")	103	41	118	47	133	53	140	56	144	57	144	57	14	97	39
8.0M (26'-2")	107	43	123	49	139	55	147	58	151	60	151	60	15	102	41
8.5M (27'-11")	112	45	129	51	146	58	155	62	159	63	159	63	16	107	43
9.0M (29'-6")	117	47	135	54	153	61	162	64	166	66	166	66	17	112	45

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"



FABRIC POCKET



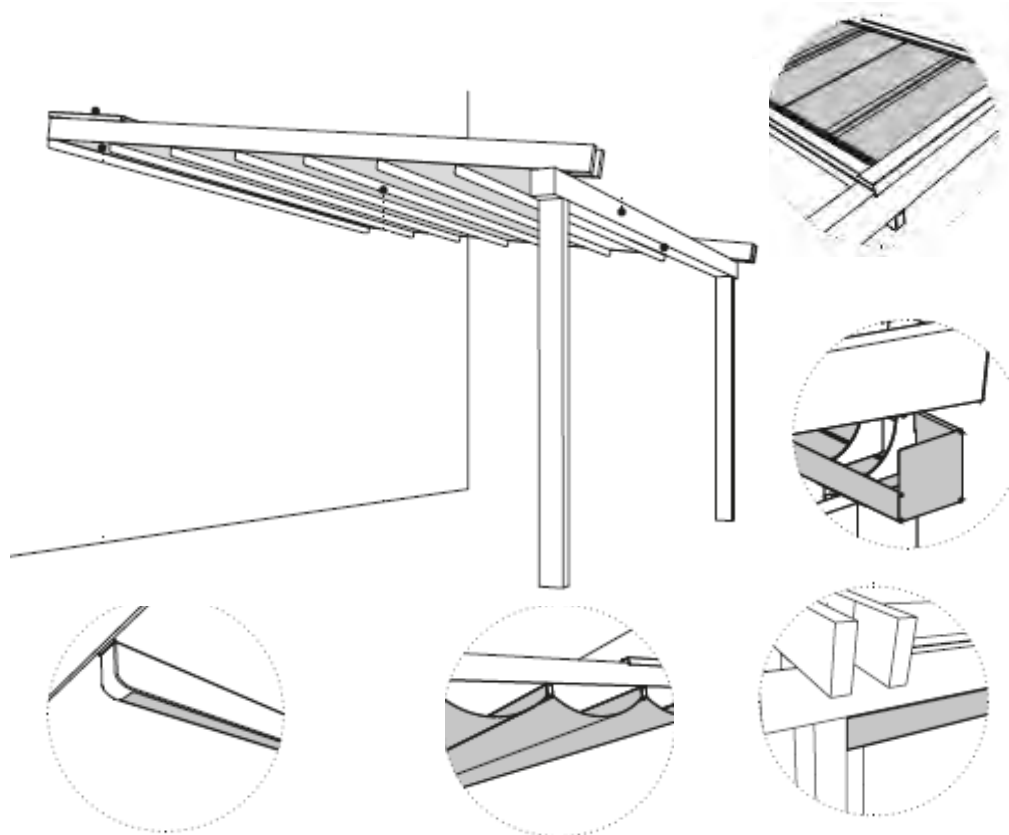
## **Model: Infinity Pergola®**



Application	Maximum Width	Maximum Projection	Options
Wall Mounted Commercial & Residential	5m / 16' 5" Type 1 9m / 29' 6" Type 2 13m / 42' 7" Type 3	7 m / 22' 11" proj.	Undercover, LEDS Heaters, Hood

### **PRODUCT FEATURES:**

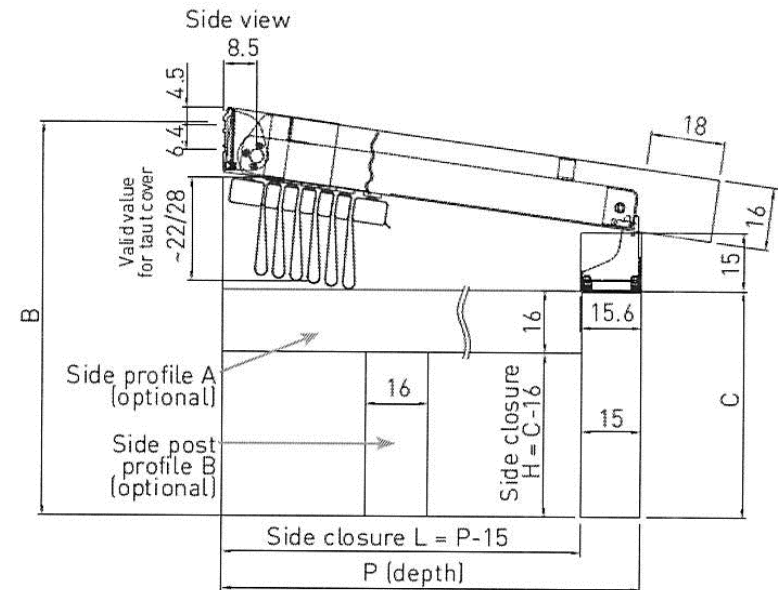
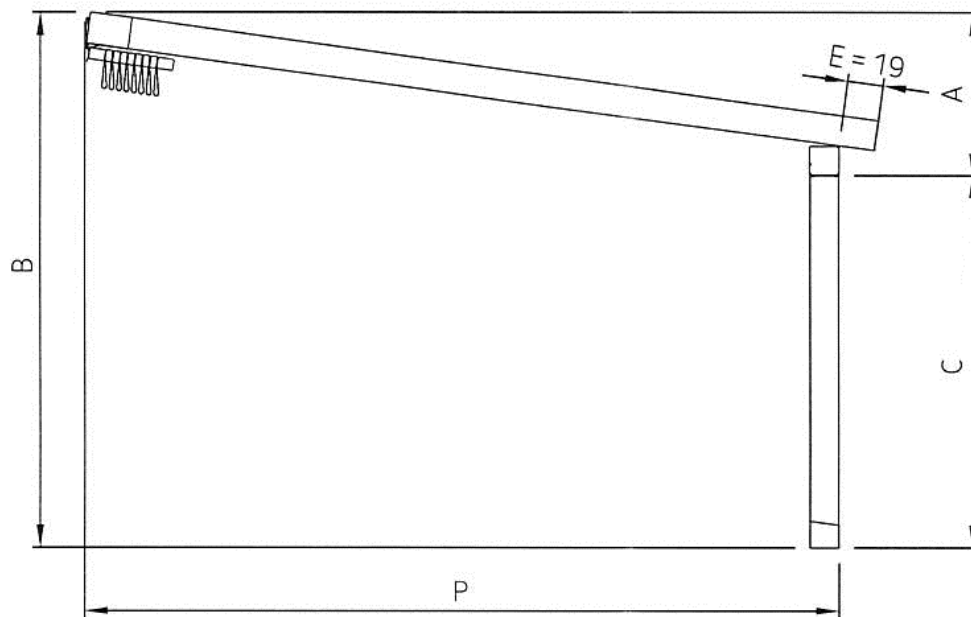
- Retractable fabric roof pergola.
- Standard wall mounted Pergola system suitable for medium sized patio areas.
- Trellis Pergola type design with integrated front gutter for water drainage.
- Multiple units can be mounted side by side to create larger width.
- All aluminum frame powder coated.
- Manually operated smaller sizes.
- Motorized all sizes and required on larger sizes.
- Optional hood system available.



## Infinity: Installations



# INFINITY Pergola® Technical information



## Dimensions:

**A = Height of Slope**

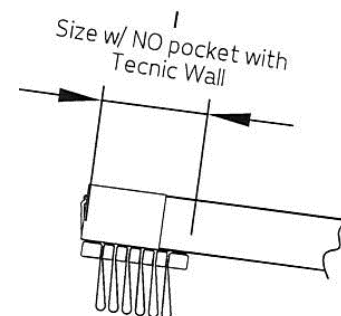
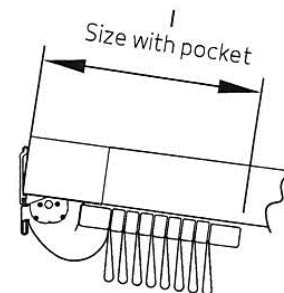
**B = Height at top back**

**C = Post Height / Under gutter height**

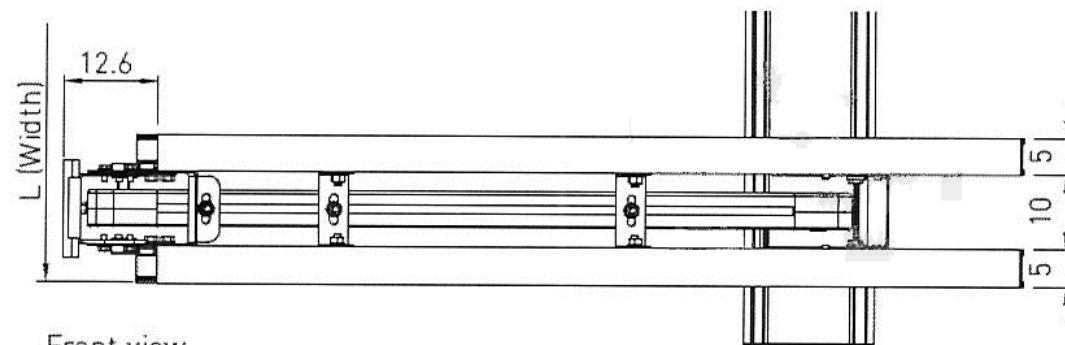
**P = Actual Projection from wall**

## NOTE:

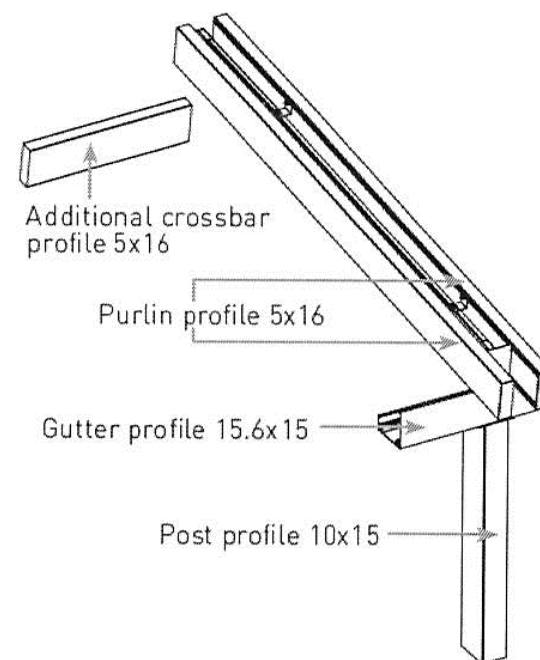
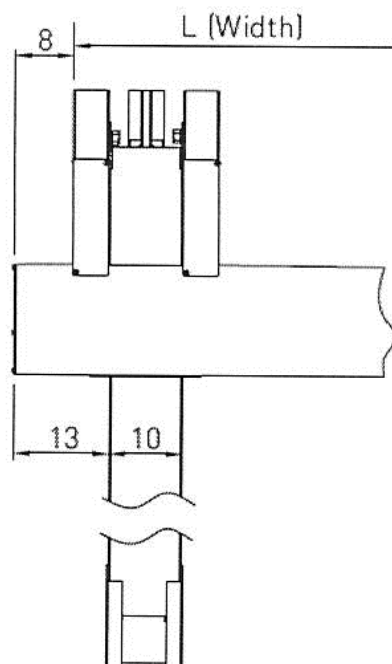
**See minimum pitch diagram for proper water drainage**



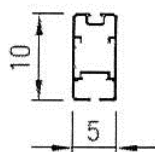
View from above



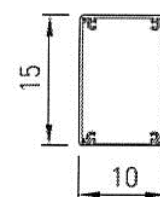
Front view



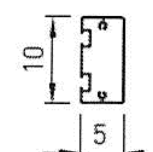
Guide profile  
cod. 2136



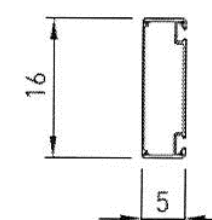
Post profile  
cod. 2591



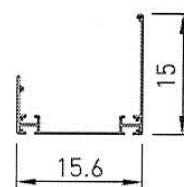
Motor crossbar  
profile cod. 2828



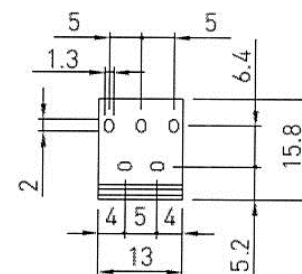
Additional purlin  
and crossbar profile  
cod. 2590



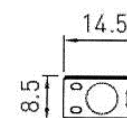
Gutter profile  
cod. 2595



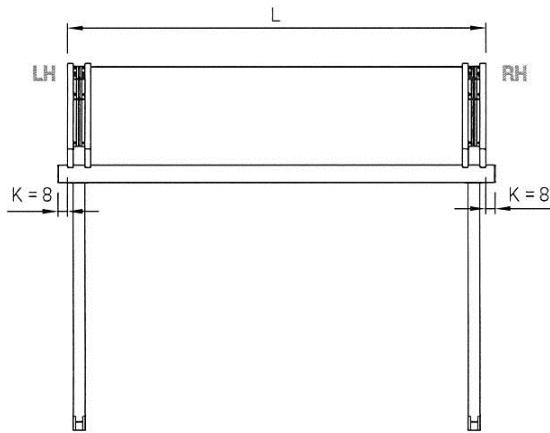
Wall mounting kit  
detail code 2732



Ground  
bracket detail  
code 2608

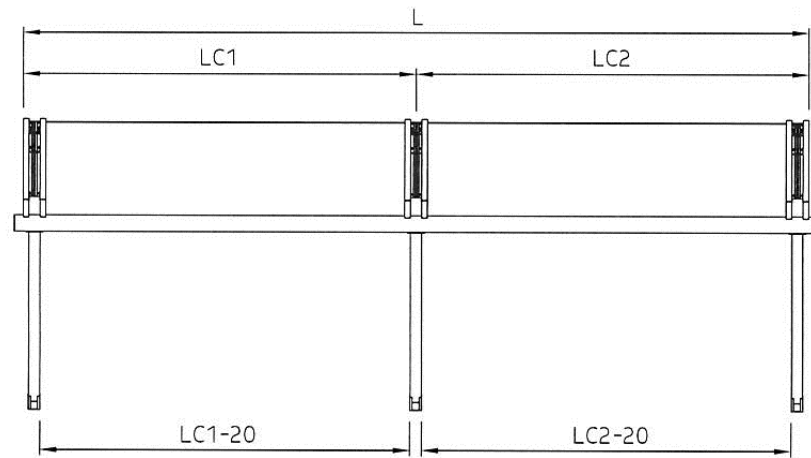






### **TYPE 1: Infinity system**

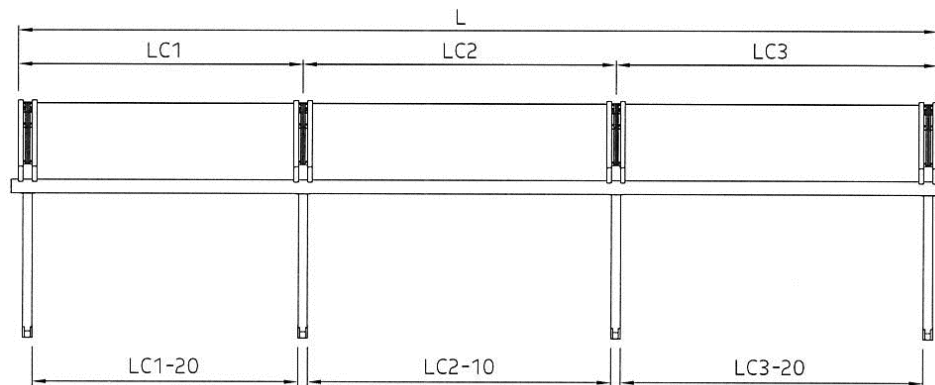
**L = from 8' 2" to max 16' 5" wide**



### **TYPE 2: Infinity system**

**2 spans (L from 14' 8" to 29' 6" max total**

**LC1 & LC2 from 6' 6" to 14' 1" wide**



### **TYPE 3: Infinity system**

**3 spans (L from 27' 11" to 42' 7")**

**LC1, LC2 & LC3 from 6' 6" to 14' 1" wide**

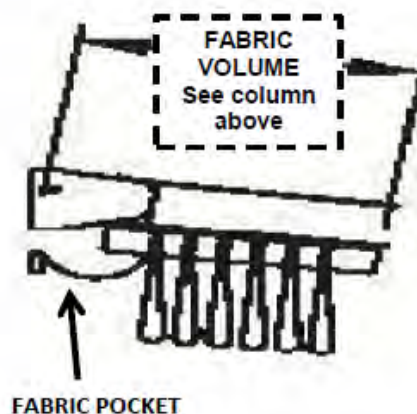
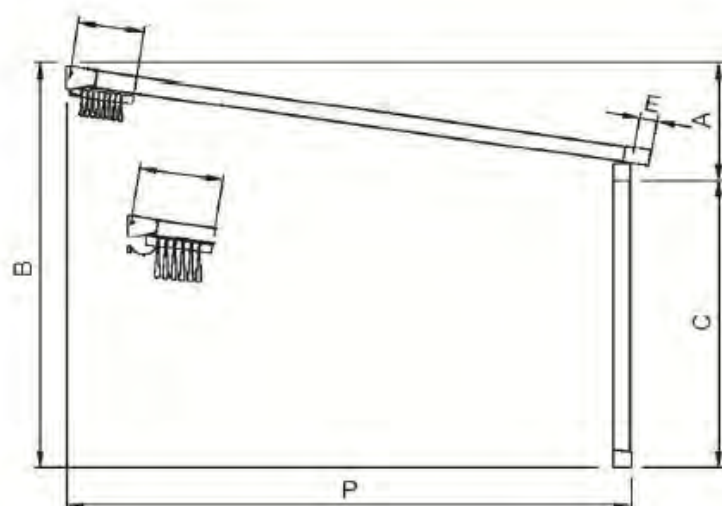
THE BELOW CHART REPRESENT THE IDEAL SLOPE ON THE "INFINITY" UNIT WITH TAUT FABRIC FOR PROPER WATER DRAINAGE

SEE OTHER OPTIONS FOR WATER DRAINAGE ON FLAT UNITS IN PRICELIST


### INFINITY

PROJECTION "P"	DROP "A" IN CM/INCHES												NUMBER OF FABRIC FOLDS	FAB. VOLUME	FAB. VOLUME
	2.5M		3.0M		3.5M		4.0M		4.5M		5.0M			RETRACTED/W	RETRACTED/W
	8'-2"		9'-10"		11'-5"		13'-1"		14'-9"		16'-5"			POCKET	POCKET
	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES	CM	INCHES		CM	INCES
2.0M (6'-6")	51	21	55	22	59	24	61	25	62	25	62	25	3	46	19
2.5M (8'-2")	56	23	61	25	66	26	68	27	69	28	69	28	4	50	20
3.0M (9'-10")	60	24	66	26	72	29	75	30	77	31	77	31	5	55	22
3.5M (11'-5")	65	26	72	29	79	32	83	33	84	34	84	34	6	60	24
4.0M (13'-1")	70	28	78	31	86	34	90	36	92	37	92	37	7	64	26
4.5M (14'-9")	75	30	84	34	93	37	97	39	99	39	99	39	8	69	28
5.0M (16'-5")	79	32	89	36	99	39	104	41	107	43	107	43	9	74	30
5.5M (18')	84	34	95	38	106	42	112	45	114	45	114	45	10	78	31
6.0M (19'-8")	89	36	101	40	113	45	119	47	122	49	122	49	11	83	33
6.5M (21'-4")	94	38	107	43	120	48	126	50	129	51	129	51	12	88	35
7.0M (22'-11")	98	39	112	45	126	50	133	53	137	54	137	54	13	93	37

THE RECOMMENDED HEIGHT "C" AT THE FRONT BAR IS 230CM OR 90.5"

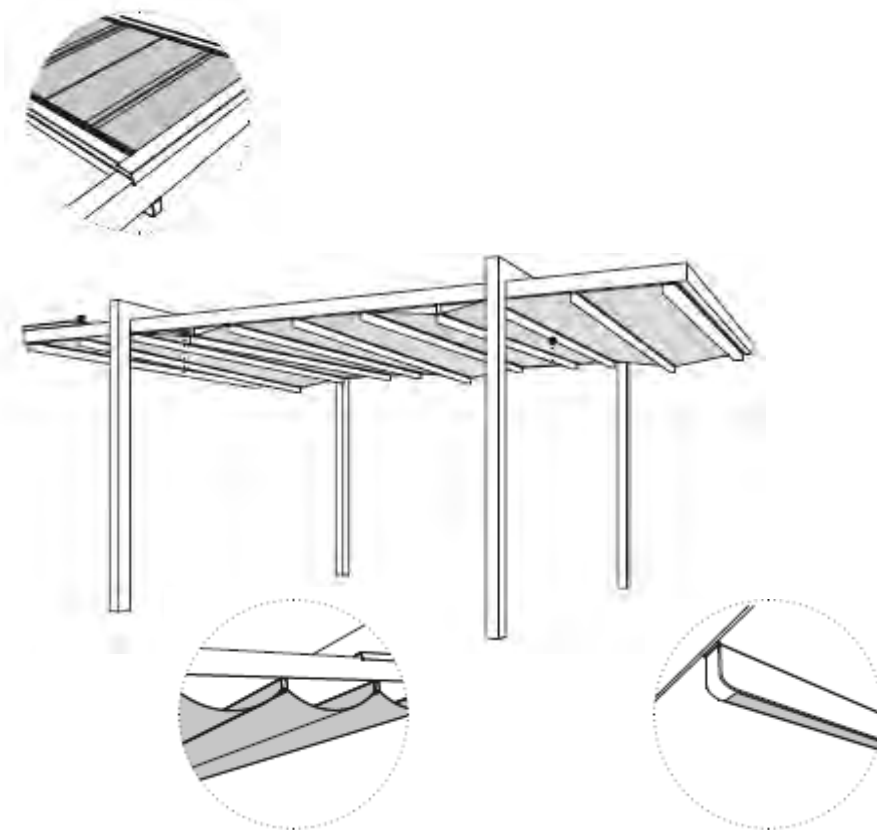


## **Model: Phoenix Pergola®**

	Application	Maximum Width	Maximum Projection	Options
	Free Standing & Wall Mounted Commercial & Residential	7 m / 22' 11" wide	10 m / 32' 9" proj.	LEDs, Hood, Undercovers

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Freestanding or wall mounted Pergola system suitable for small to medium sized patios.
- All aluminum frame powder coated
- Motorized all sizes.
- Optional hood system available.
- V cover water drainage to either side.



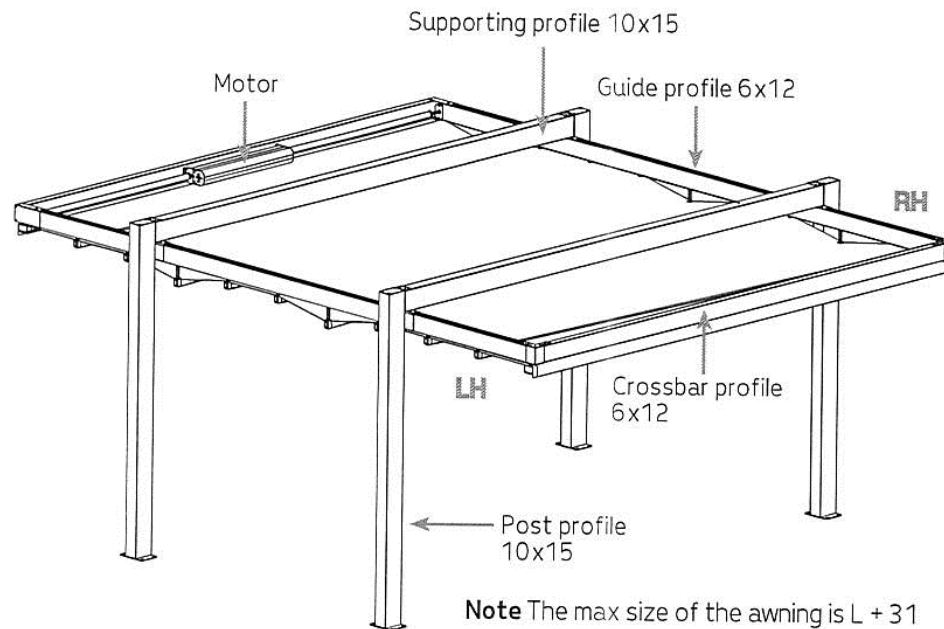


## Phoenix: Installations



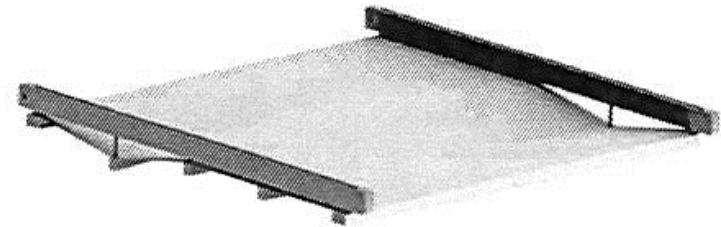


# PHOENIX Pergola® Technical information

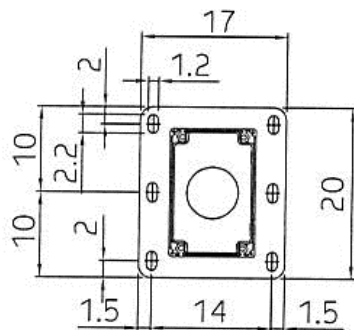


**Note** The max size of the awning is L + 31

Standard: taut alternating V cover with 2 guides;  
taut V cover discharge from both sides  
with 3 guides

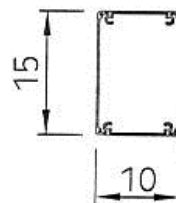


Ground plate  
cod. 2913

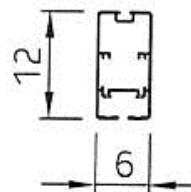


TECNIC 58

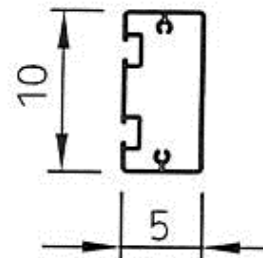
Post and supporting bar  
profile cod. 2591



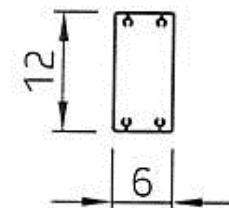
Guide profile  
cod. 2861

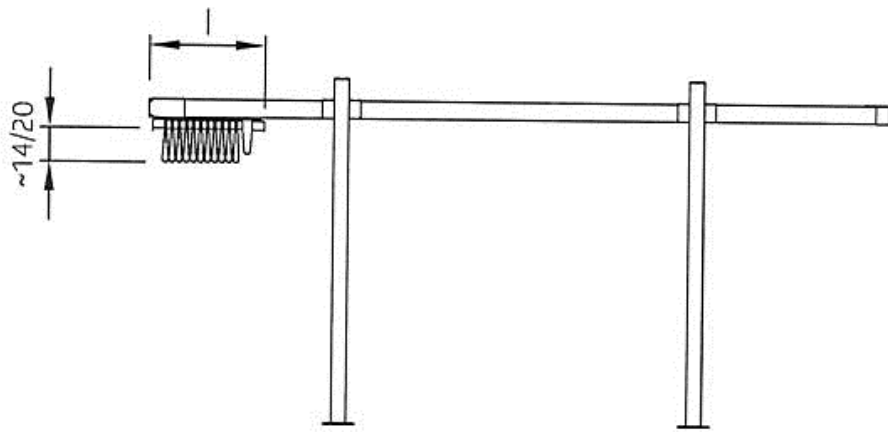


Motor and additional  
crossbar profile  
cod. 2828



Crossbar profile  
cod. 2799





### Dimensions:

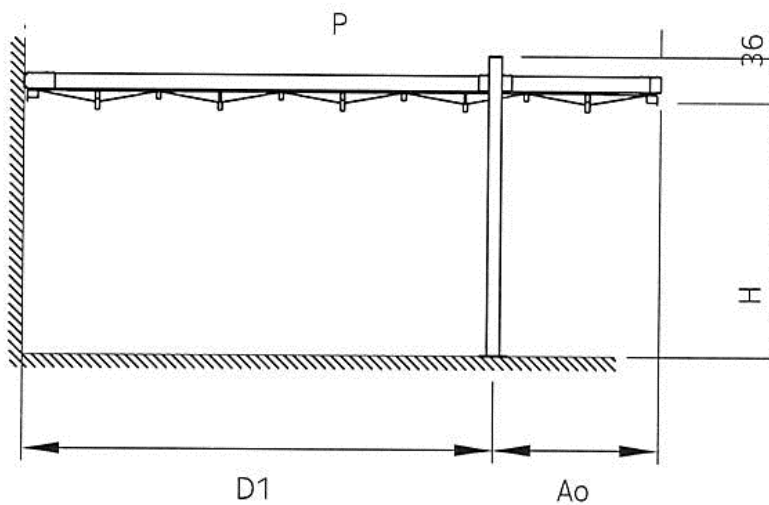
**I = Fabric assembly when retracted**

**L = Actual width**

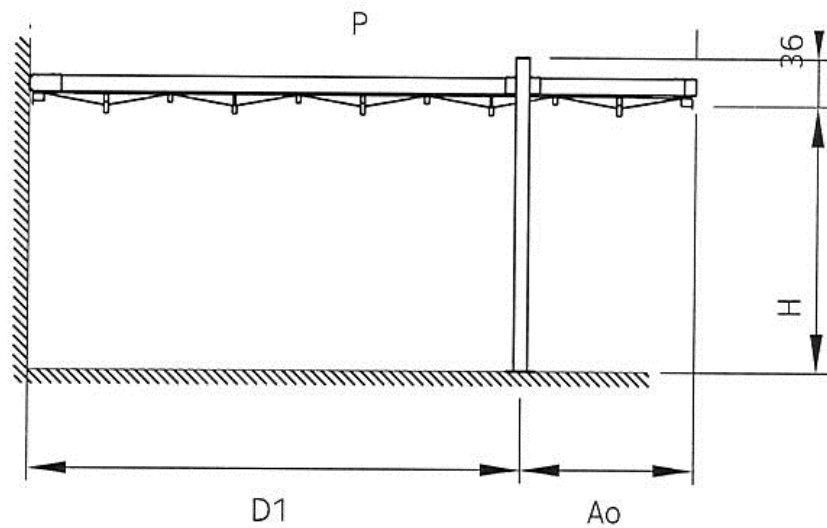
**Awnings with V cover (Taut Alternating) the number of folds is always even.**

**Maximum post height is 270 cm (8' 8"). Call for price if taller posts are needed.**

Rear mounting with arched wall



Rear mounting with arched wall

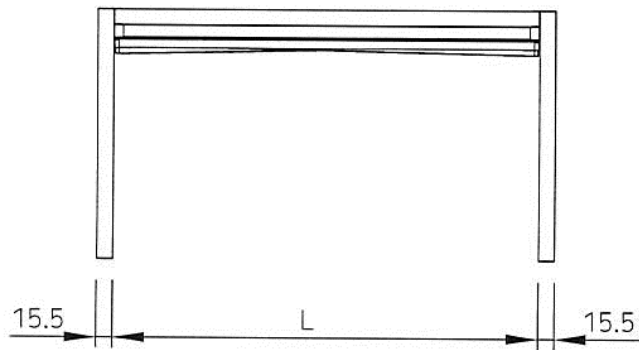


## **TYPE 2: Phoenix system with 4 posts / 1 span fabric**

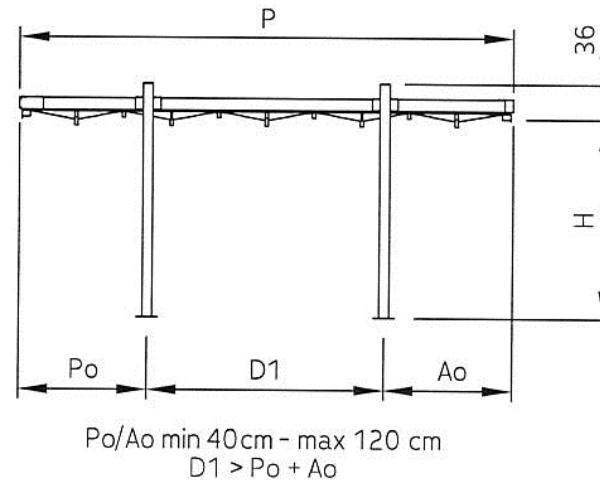
**L = width = from 6' 7" to 22' 11" wide**

**P = projection = from 6' 6" to 19' 8" projection**

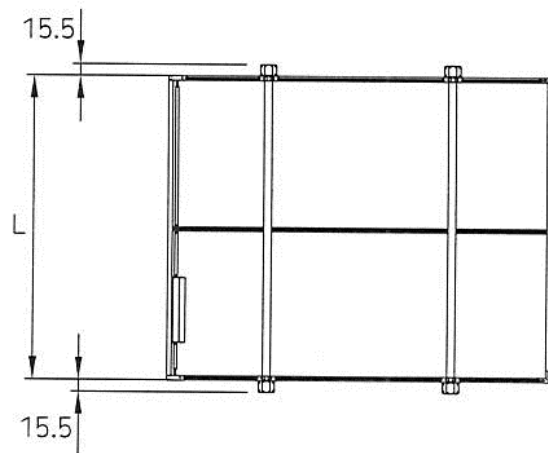
Front view



Side view



View from above

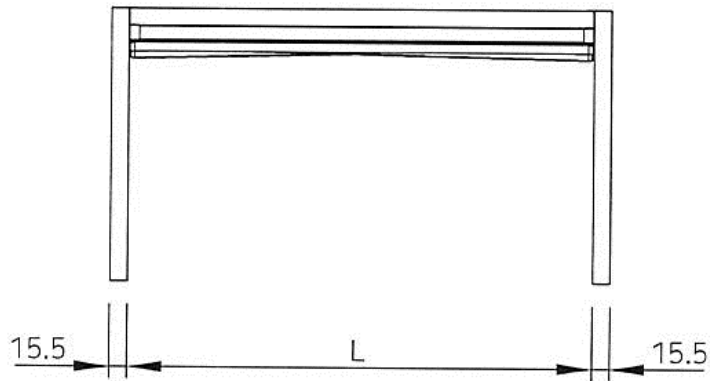


### **TYPE 3: Phoenix system with 6 posts / 1 span fabric**

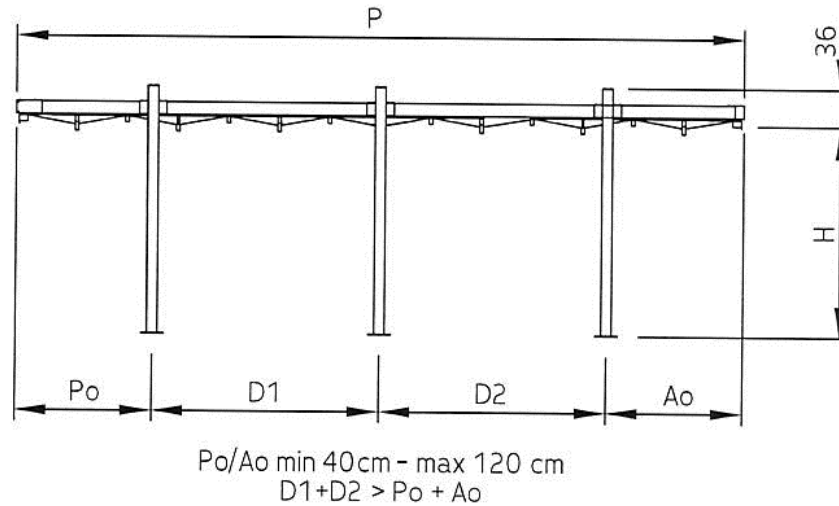
**L = width = from 6' 7" to 22' 11" wide**

**P = projection = from 13' 1" to 32' 9" projection**

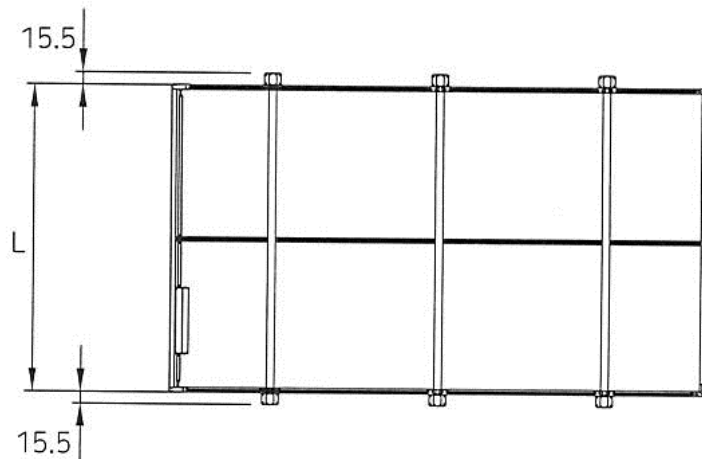
Front view



Side view

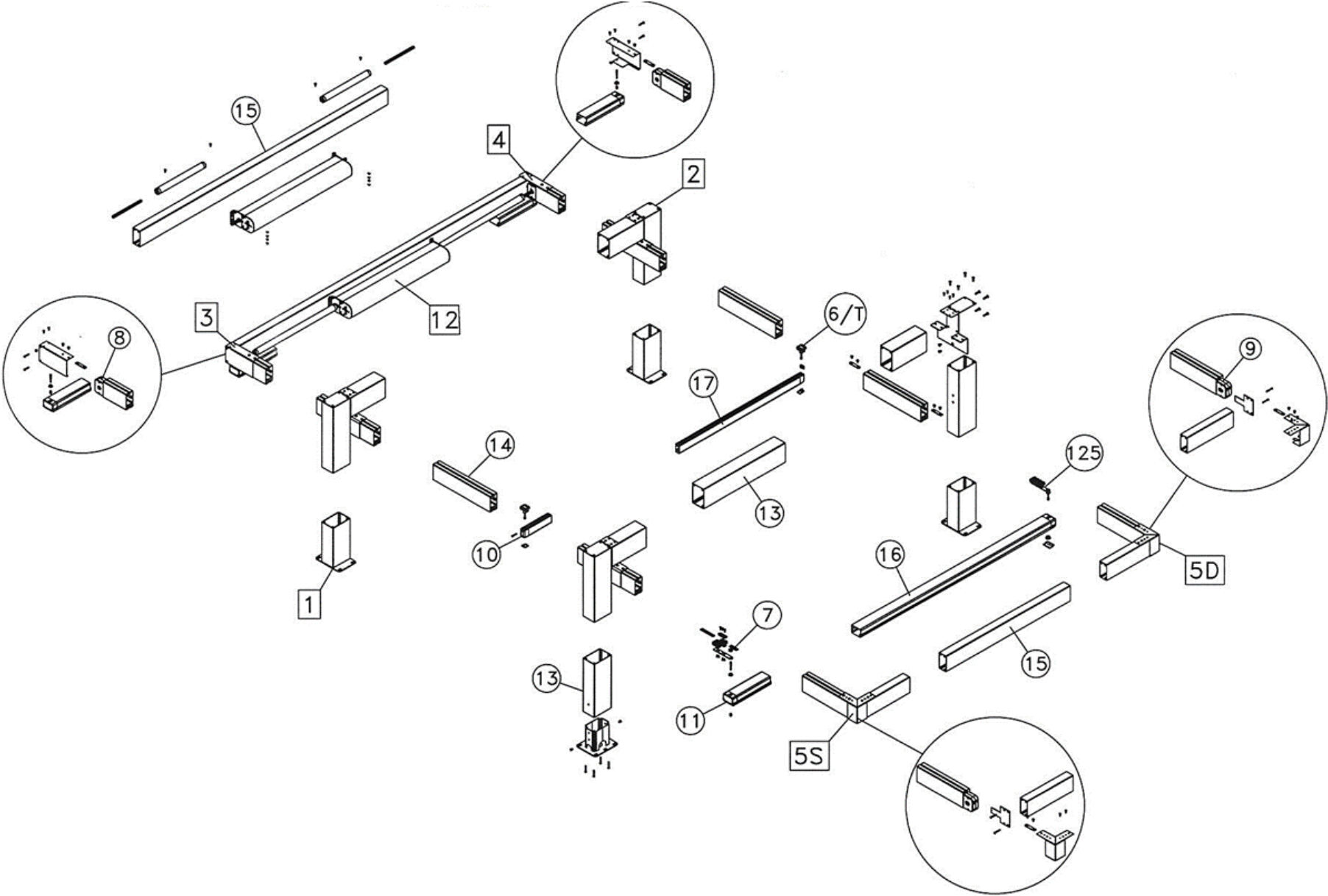


View from above





# PERGOLA® PHOENIX



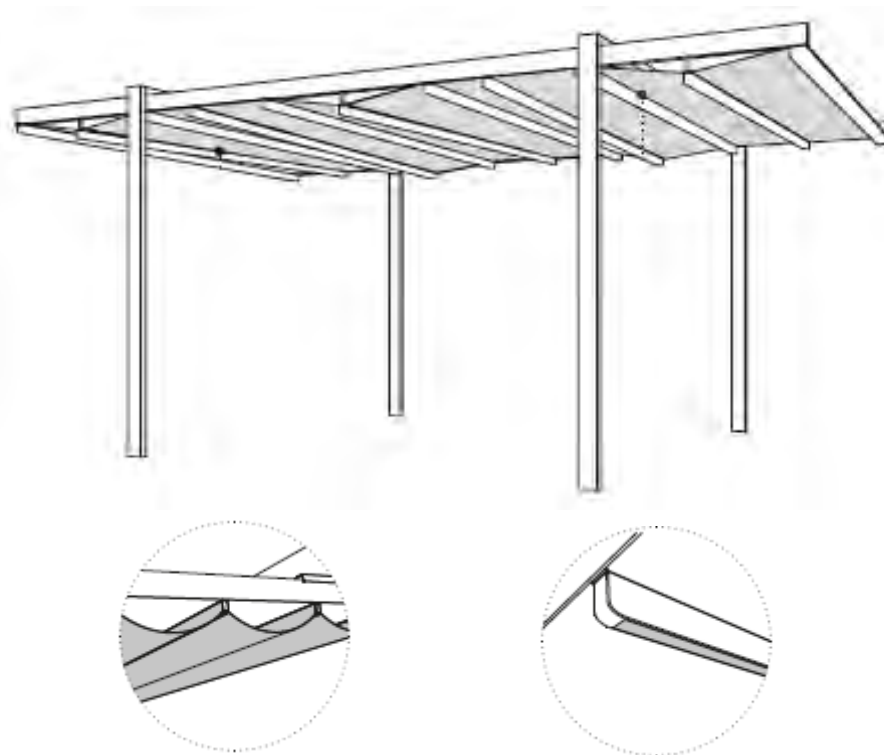
## **Model: Zen Pergola®**



Application	Maximum Width	Maximum Projection	Options
Free Standing Residential	4.5 m / 14' 9" wide	5.5 m / 16' 5" proj.	LEDs, Undercovers

### **PRODUCT FEATURES:**

- Retractable fabric roof pergola.
- Freestanding Pergola system suitable for small sized patios.
- All aluminum frame powder coated.
- Manual operation all sizes.
- V cover water drainage to one or both sides.

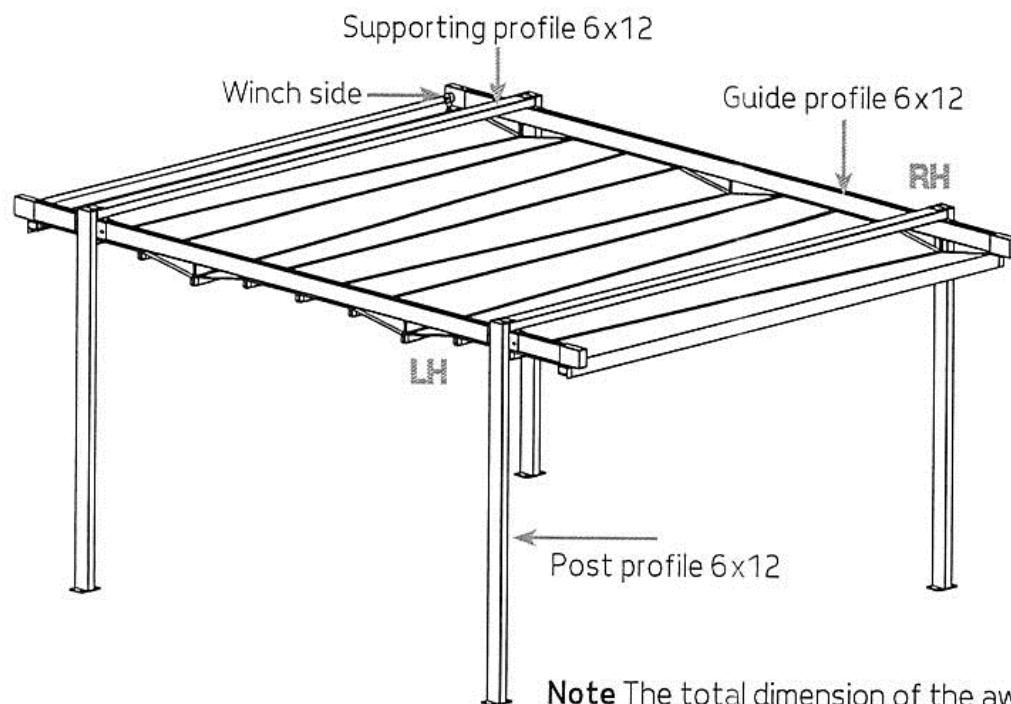


## Zen: Installations

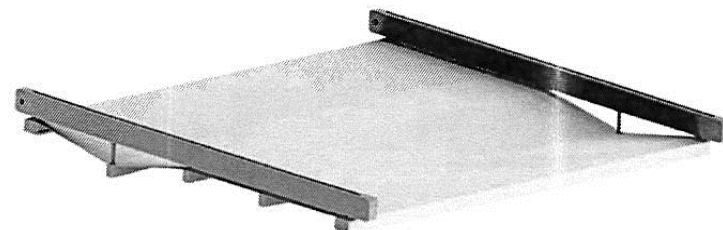




# ZEN Pergola® Technical information

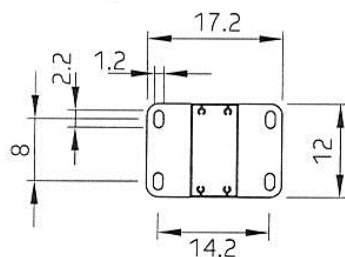


Standard taut alternating V cover

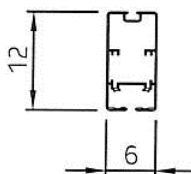


**Note** The total dimension of the awning is  $L + 12$ .

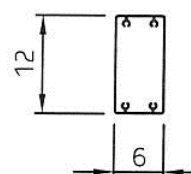
Ground plate



Guide profile  
cod. 2861



Post and supporting  
bar cod. 2799



Dimensions table

P cm	No. of Layers	I cm
200	4	44,1
250	6	53,5
300	6	53,5
350	8	62,9
400	8	62,9
450	10	72,3
500	12	81,7

The number of ribs shown in the table is approximate.

## Legend

P: Total depth

L: Width

I: Closed awning size

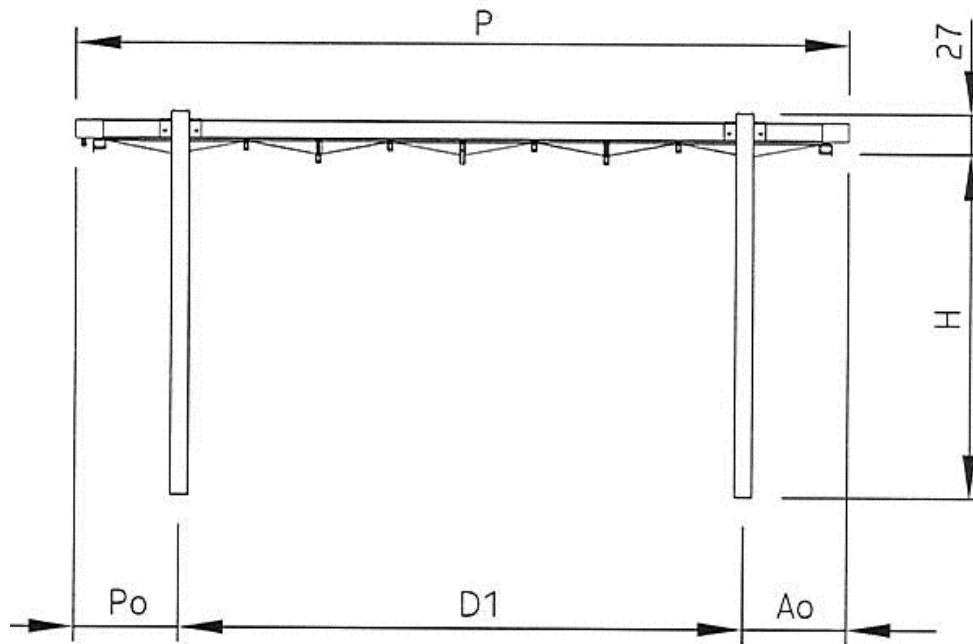
H: Height at the lower edge of the front rib profile. Standard  
H = 230 cm



# **TYPE ZEN 2 Arches system with 4 posts / 1 span fabric**

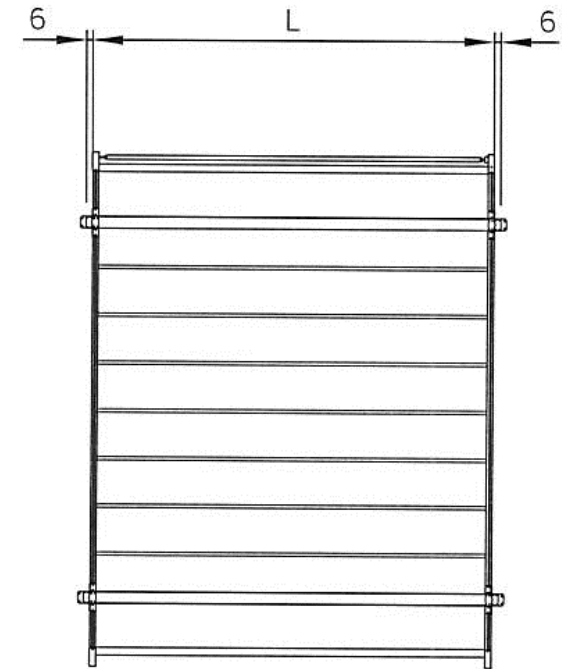
**L = width = from 6' 7" to 14' 9" wide**

Side view

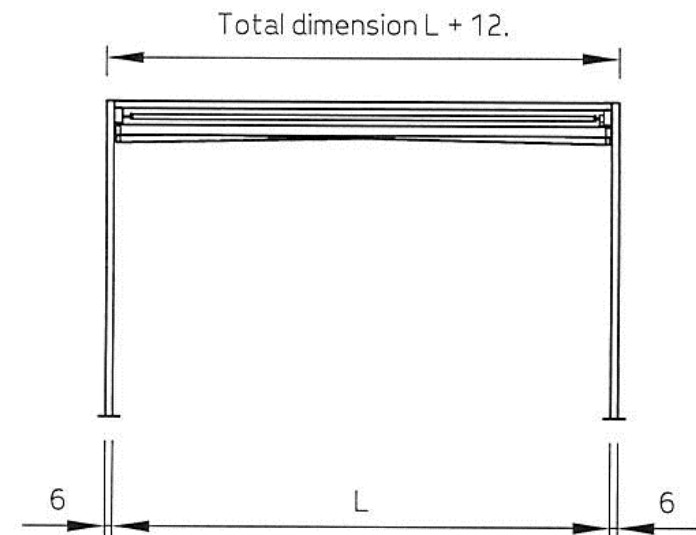


Po/Ao min 40 cm - max 120 cm  
D1 > Po + Ao

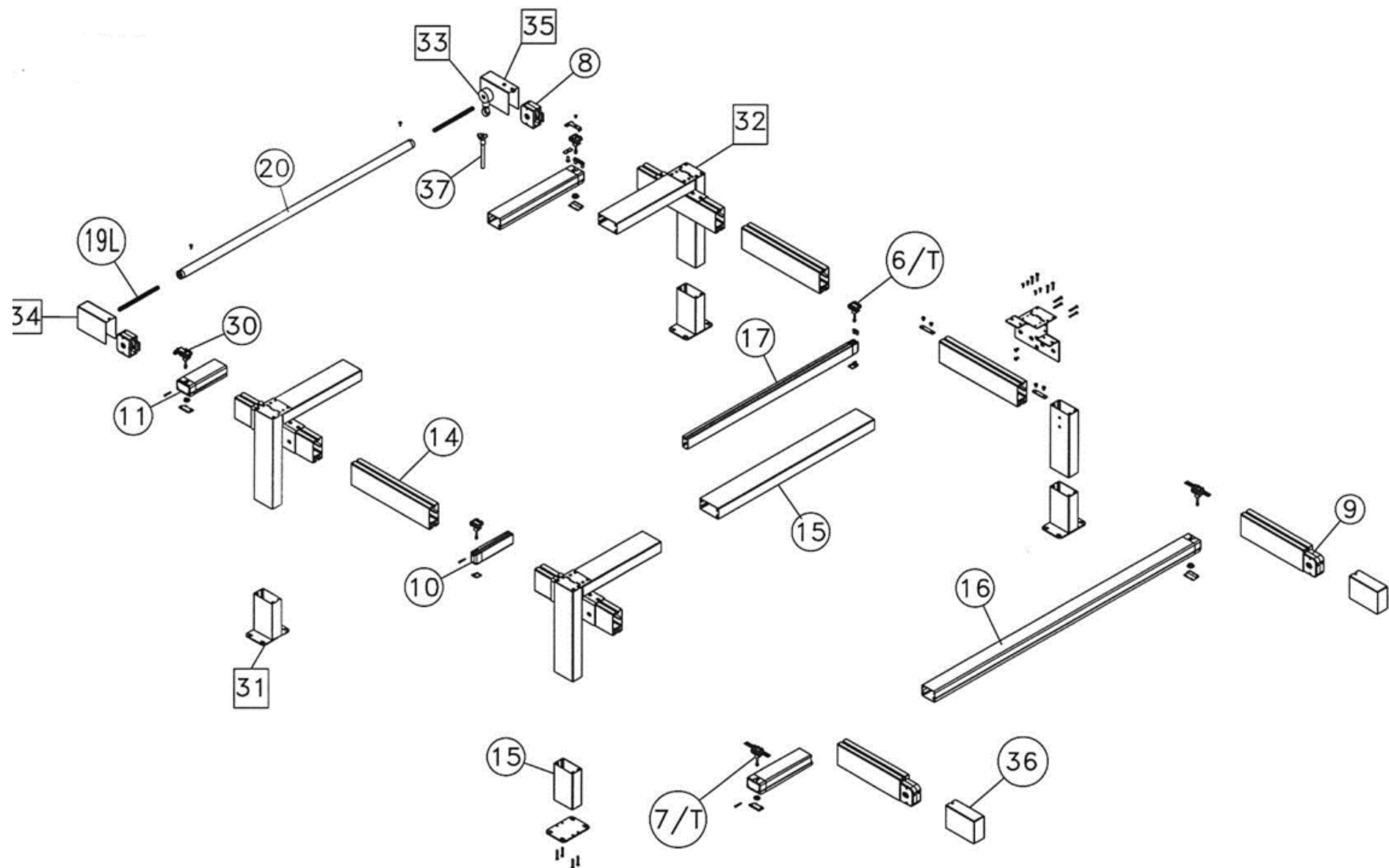
View from above



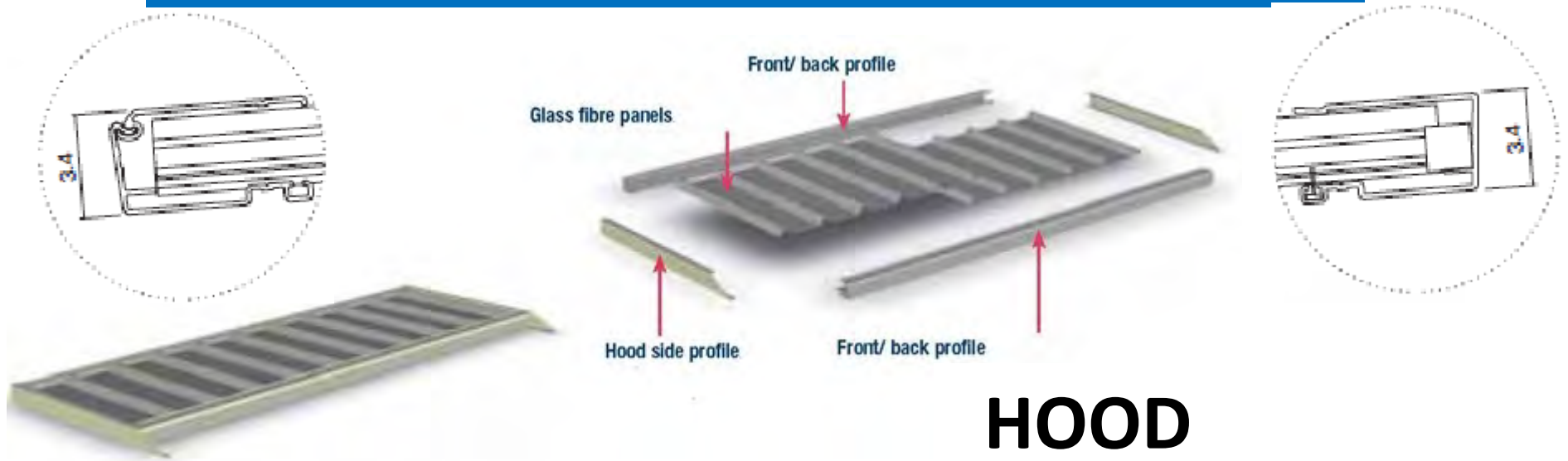
Front view



# PERGOLA® ZEN



# OTHER PERGOLA OPTIONS:

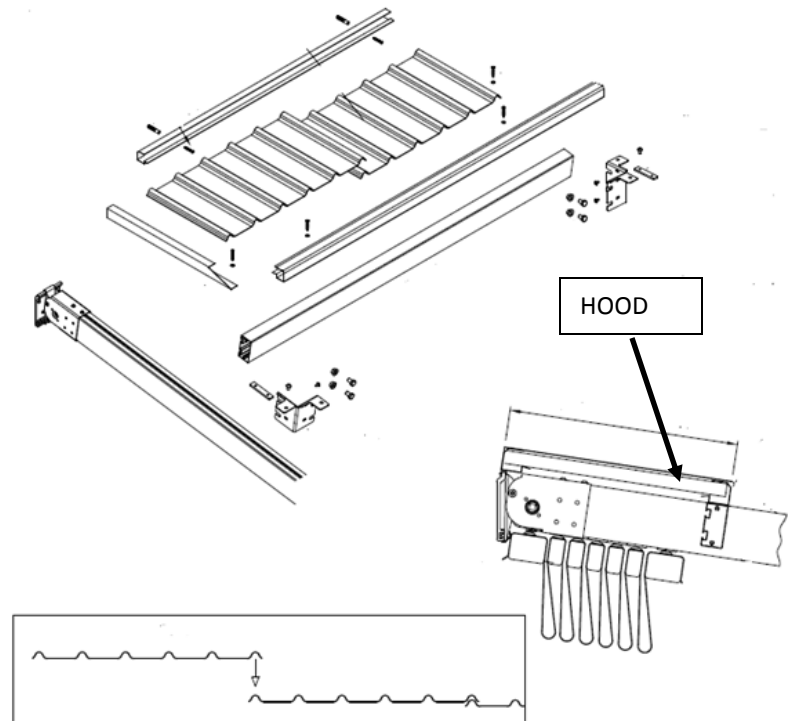


## HOOD

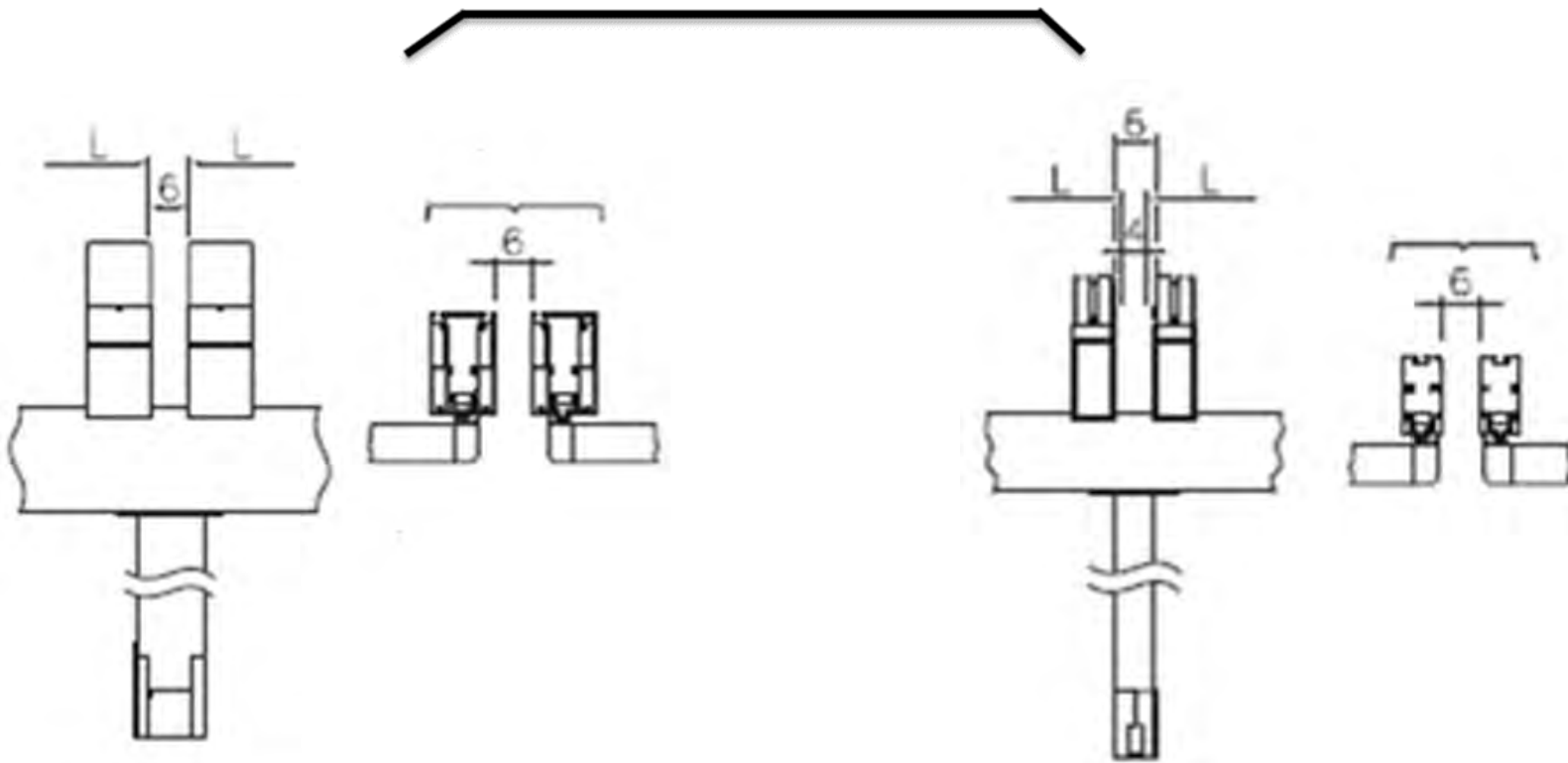
**HOOD:** Is available standard with fiberglass panels with a metal frame. The metal frame color typically matches the awning frame. Brown fiberglass panels are standard. White fiberglass panels are also available standard but subject to stock availability.

Optional: Aluminum painted metal panels / painted to match the pergola awning frame color and metal hood pieces.

**NOTE:** Above panels are not available for ZEN, NOMO, RIALTO, OPERA and VISION Pergolas.



# CAP BETWEEN WALL MOUNTED SYSTEMS



## MITO & TECNIC ONE

30.5 cm / 12" wide weather cap.

Deduct 6 cm between guide rails. ie a three (3) cm deduction off each unit at split in center.

## LEVEL / TECNIC

25 cm / 10" wide weather cap.

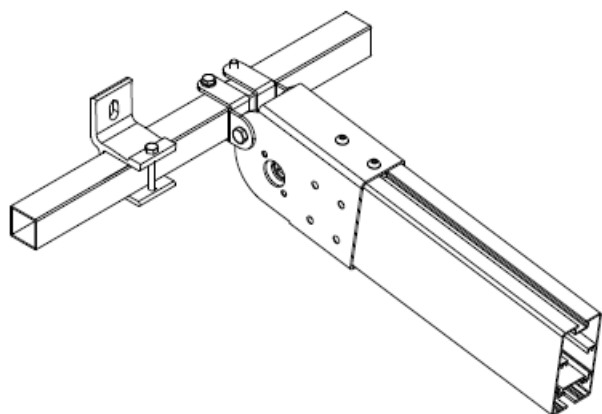
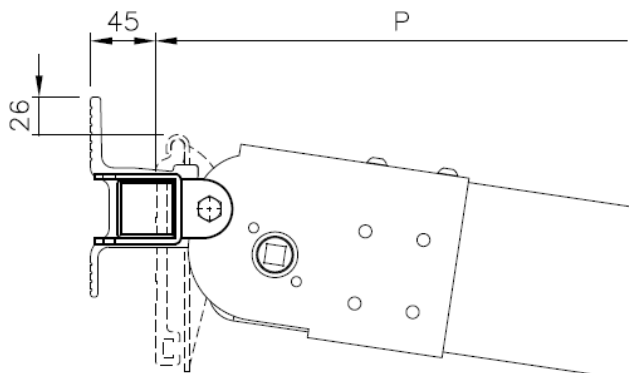
Deduct 6cm between guide rails / 4cm between L widths. ie a two (2) cm deduction off each units L dimension at split in center.

### NOTE:

Caps available in 10ft / 3m sections. Powder coated to match the Pergola frame color.

Calculate number of sections needed to cover the entire guide / projection to the gutter.





## **MANUAL UNITS GEAR MECHANISM**

(Some models)

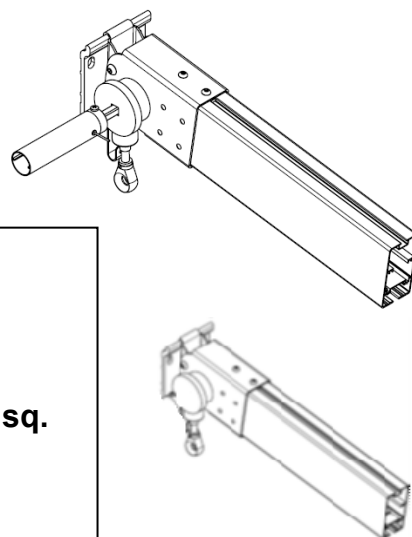
Only small **TYPE 1** units may be manually operated up to a certain size (see below) Max size for any manual unit is 268 sq. ft. or 25 sq. mtr. Manual gear can be installed in two ways inside or outside the guide ( please inquire with Sunair).

**Note: Nomo, Rialto, Opera and Vision not available with manual operation.**

## **MOUNTING ON SUPPORT TUBE**

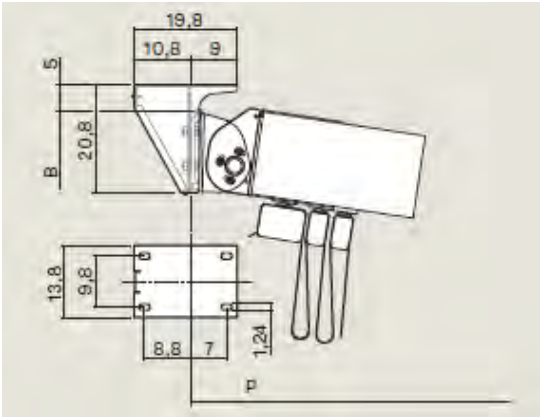
Wall mounting the Level awning is possible using standard wall brackets and the 40 mm x 40 mm support tube. This support tube is the same as is commonly used for lateral arm awnings, using the same bracket system. The wall brackets can be positioned along the support tube to align with the wood or steel studs in the wall. **Please inquire about additional cost for this upgrade.**

**Note: This option is NOT available with very larger sized units. Please inquire with office.**

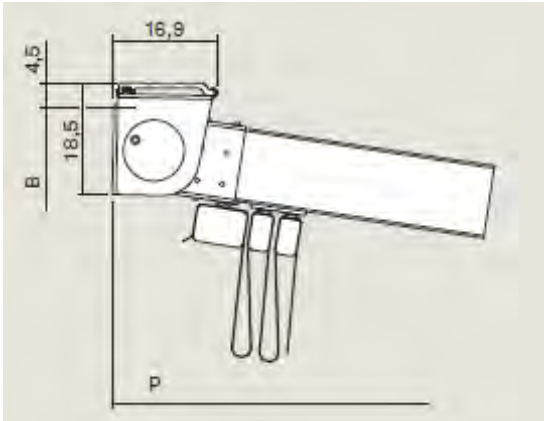


# CEILING MOUNTING Optional:

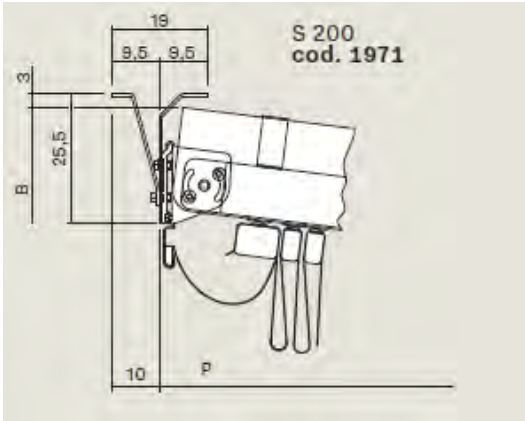
*MITO, EVO, STIL, INFINITY*



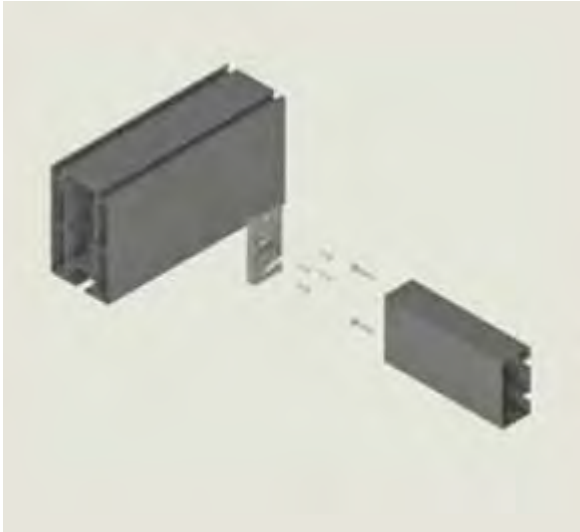
*LEVEL*



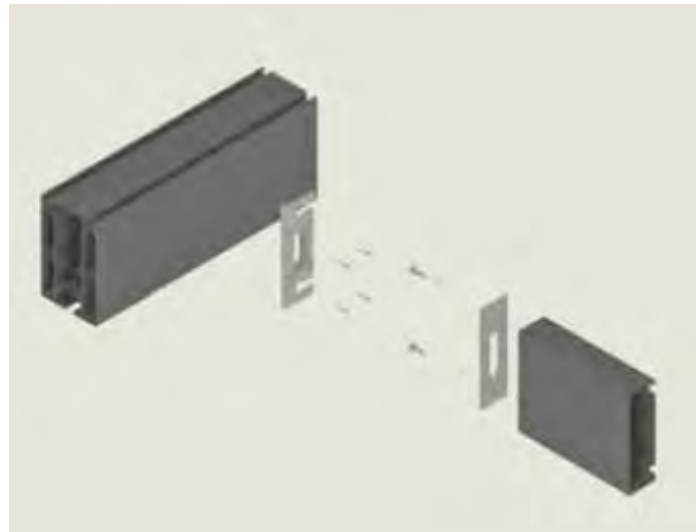
*WOOD PLUS*



## **EASY FAST Optional:**



***11 mm kit 5 x 10***

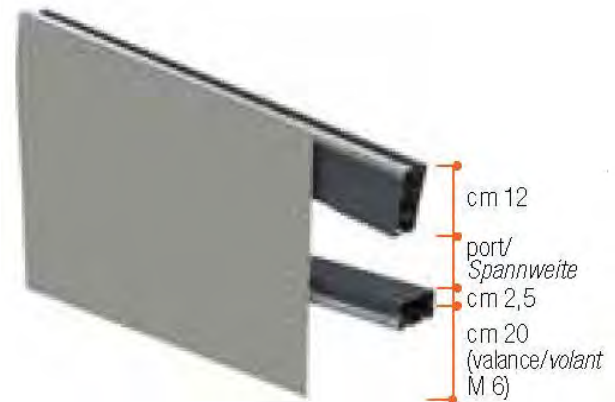
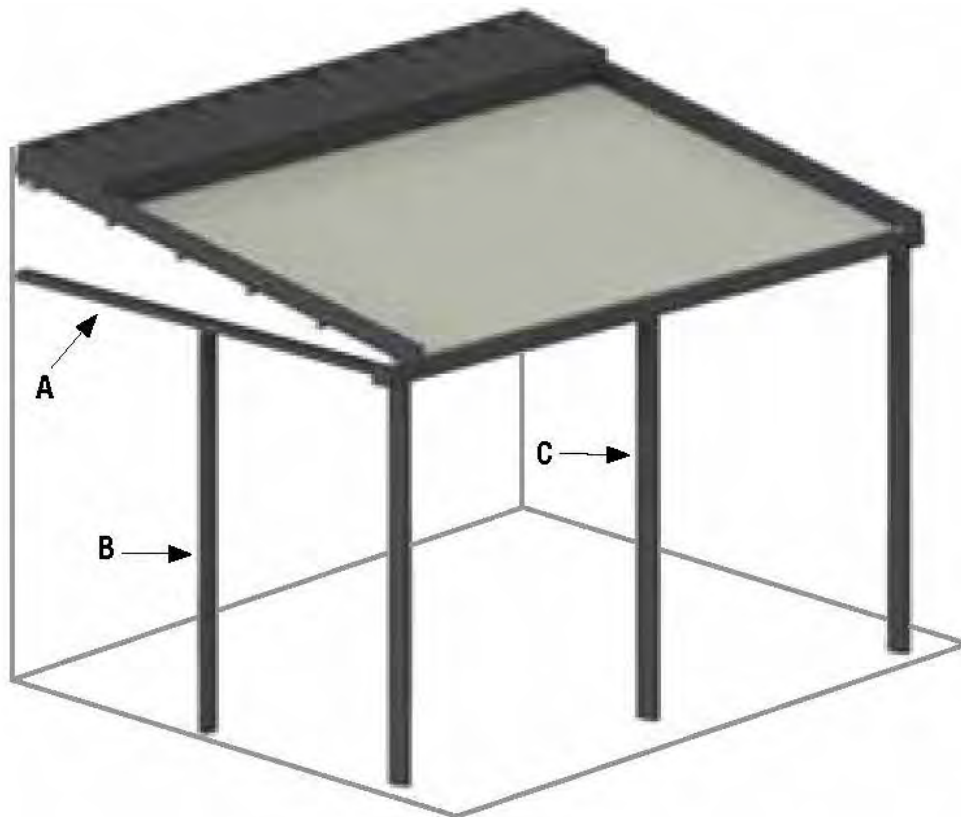


***15 mm kit 5 x 16***

***The EASY FAST is an optional alternative way to mount the motor or hood crossbar.  
It is also an easier way to add an additional cross bar later if needed.***

## SIDE STRUCTURES & POSTS

Add vertical and horizontal support beams and posts when adding rolling screens and side panels.

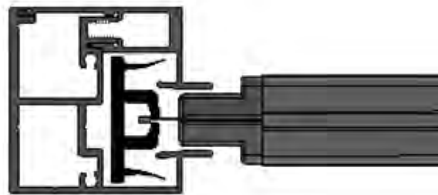
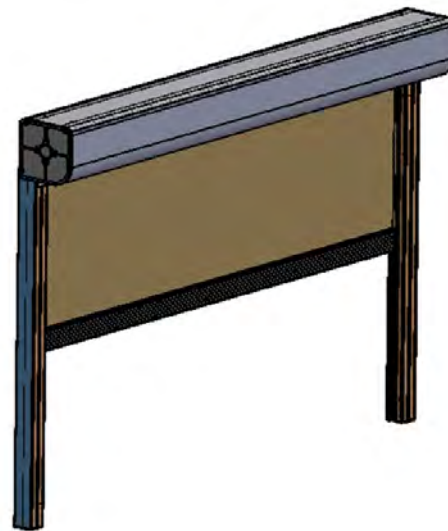
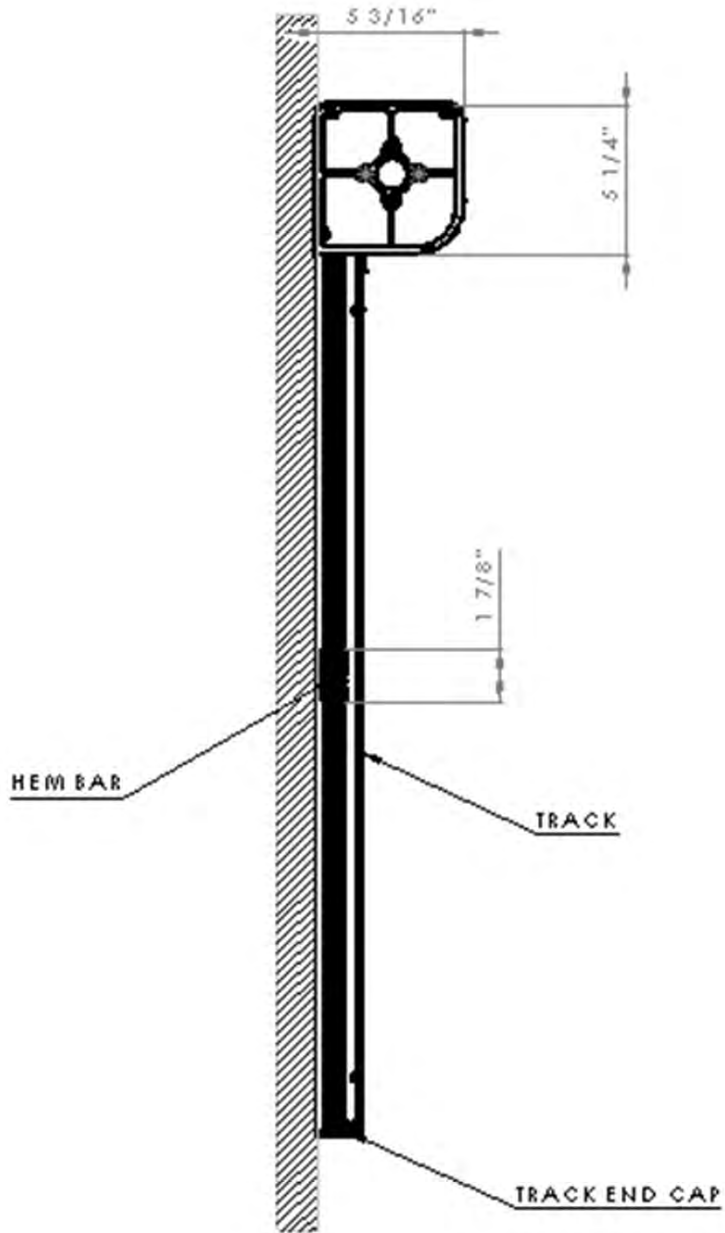


**POSTS B & C:** Additional side and front posts

**POST A:** Horizontal bar used to install screens and fabric end cover.

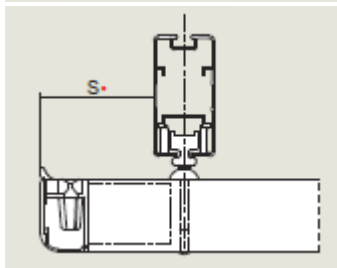
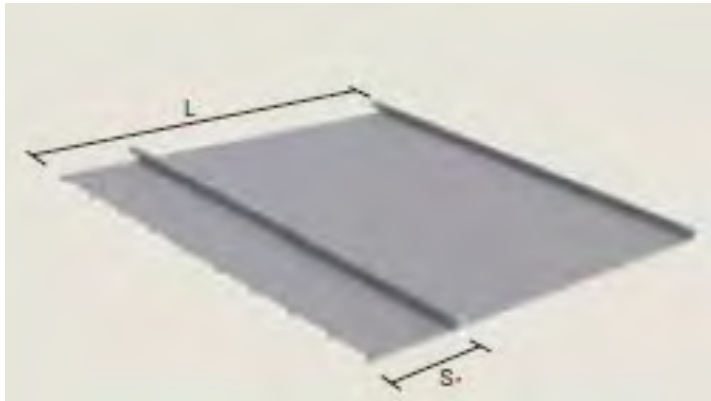


## SIDE SCREEN SC4500 ZIPPER SCREENS



For further information please see the awning and screen manual and SV4500 Zipper screen technical manual.

## Specialty shaped covers (Other Options)

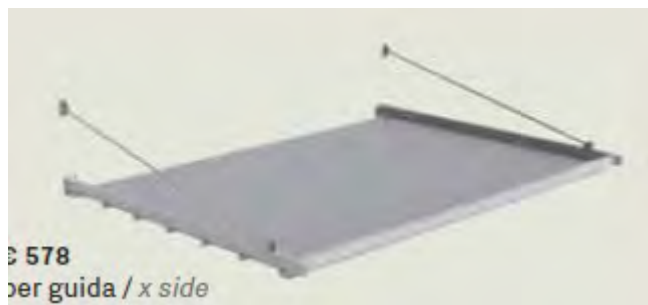


### Side Overhang A:

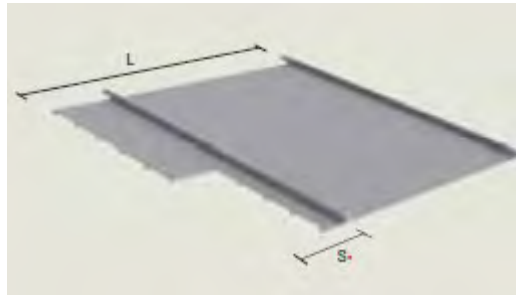
Minimum 10 cm

Maximum 100 cm

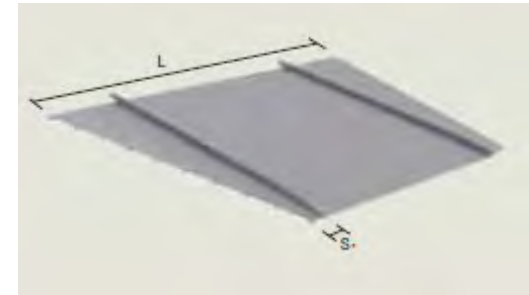
- Recessed guides & Fabric rib overhangs



\*With Tie rods max projection is 5m or 16' 5" projection. Must be bolted to structural wall



### Overhang with gaps B:



### Triangular Overhang C:

\*Tri-  
angular side Not available with



\*Rib alignment in case two systems mounted next to each other with different projections .

\* Note: Engineering and availability may change without notice

## *Optional: Structures to mount free standing*

IF YOU WANT TO TAKE A TYPICAL “WALL MOUNTED” PERGOLA STRUCTURE AND MAKE IT FREE STANDING THERE ARE TWO OPTIONS BELOW. HOWEVER IT IS BEST TO USE THE NOMO, RIALTO, PHOENIX AND ZEN, WHICH ARE FREE STANDING MODELS WE OFFER.

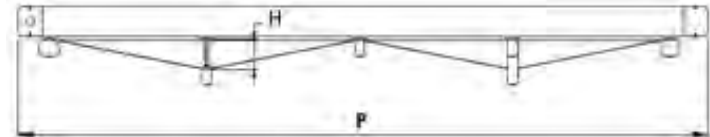


## “V” Cover water Drainage to Sides

### FABRIC WATER DRAINAGE OPTIONS “D” “V” Alternating



OPTION D

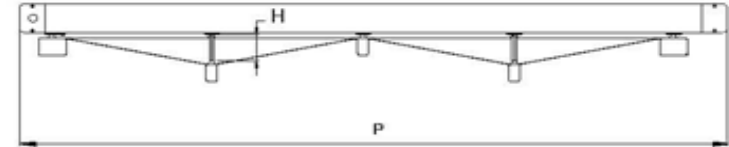


OPTION D: “V” Cut alternating panels for Type 1 Pergola® only. Max width is 5 meters x 9 m projection

### FABRIC WATER DRAINAGE OPTIONS “E” “V” Cut Side



OPTION E

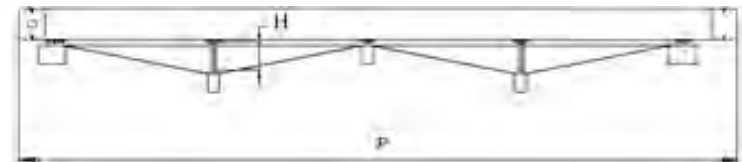


OPTION D: “V” Cut to one side only. For Type 1 Pergola® only. Max width 5 meter x 9 m projection.

### FABRIC WATER DRAINAGE OPTIONS “F” “V” Cut Type 2



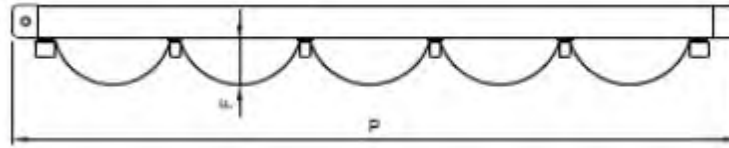
OPTION F



OPTION F: “V” Cut to both sides. For Type 2 Pergolas only. Max width 7 meters x 9 m projection



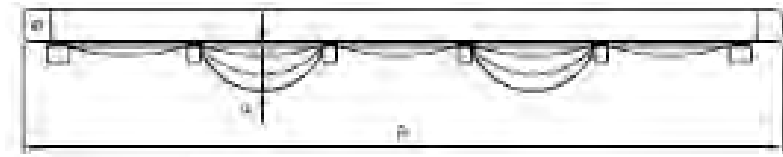
## SLACK FABRIC “A” OPTION FOR SUN PROTECTION ONLY



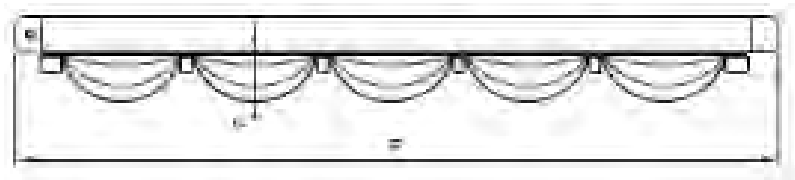
You can also choose slack fabric option “A” on each panel. This option is for sun protection only and will not offer any water drainage. Acrylic fabric is available with this option.

## Loose Cover with water Drainage to Sides

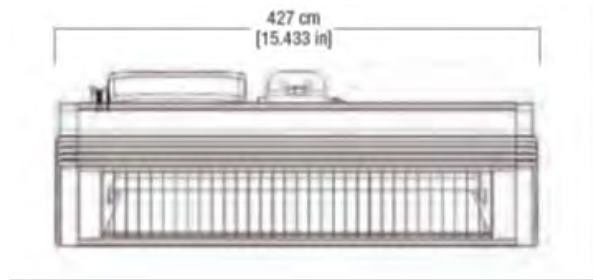
### OPTION B & C



OPTION B: Alternating panel slack on both



OPTION C: Panels slack on one side only



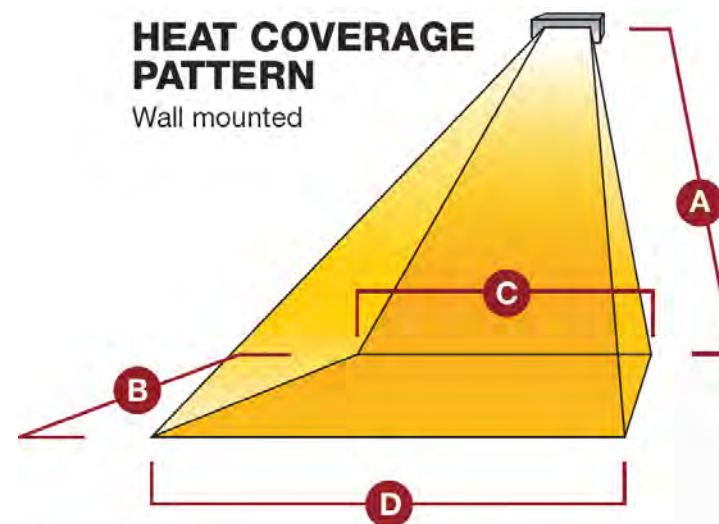
***HEATERS: COSY 1500 AW Sleek, Low clearance, infrared heaters.***

Sunair® awnings do not specify any particular brand of heaters but we do offer the Solaira brand as a convenience and as “supply” only. As supply only all warranty is per the Manufacturer (Solaira). Please see separate manufacturers installation, use, servicing and warranty documents. Mounting and wiring the heaters on the Pergola units is not included and will be the responsibility of the dealer / customer in the field during installation. Check your local codes for correct wiring instructions. All heaters should be installed by a certified electrician to local state electrical codes. See separate manufacturer’s data sheet and wiring instructions. If you purchase your own heaters, make sure that the heater brand and model you chose can be installed within the pergola unit to code. Aluminum Brackets to install the heaters on the awning are sold separately. Note: Sunair® awnings can only make suggestions but will not be responsible or warranty the performance and the effectiveness of the heaters. Check with the manufacturer of the heaters for the recommended number of heaters for your application and best installation position of the heater for best results.

Con’t next page

## Solaira Heaters con't

Note: Specifier / Customer must contact Solaira for recommended heater number and position.



## HEAT COVERAGE EXAMPLES

Model	A	B	C	D	Heat Zone*	Heat Density*
SCOSYXLAW15120 B/W	6'7"	9	8	11	90 sq. ft.	16 watt/sq. ft.
SCOSYXLAW15240 B/W	6'7"	9	8	11	90 sq. ft.	16 watt/sq. ft.
SCOSYXLAW20240 B/W	8'2"	9	8	11	90 sq. ft.	22 watt/sq. ft.
SCOSYXLAW-L15240 S	6'7	9	8	11	90 sq. ft.	16 watt/sq. ft.
SCOSYXLAW-L20240 S	8'2"	9	8	11	90 sq. ft.	22 watt/sq. ft.

\*Heat Zone and actual heat density will vary based on mounting height and angle of heater (Overhead mounted zones will be different than this guide). Please use this as a guideline only and contact Solaira for a more detailed specifier guide.

Con't next page

## Solaria Heaters con't

### 240 VOLT: 1.5Kw 208 - 240 V

Heater Model Black # SCOSYAW15240B Ral:9005

Heater Model White # SCOSYAW15240W Ral:9010

### 110 VOLT: 1.5Kw 120V

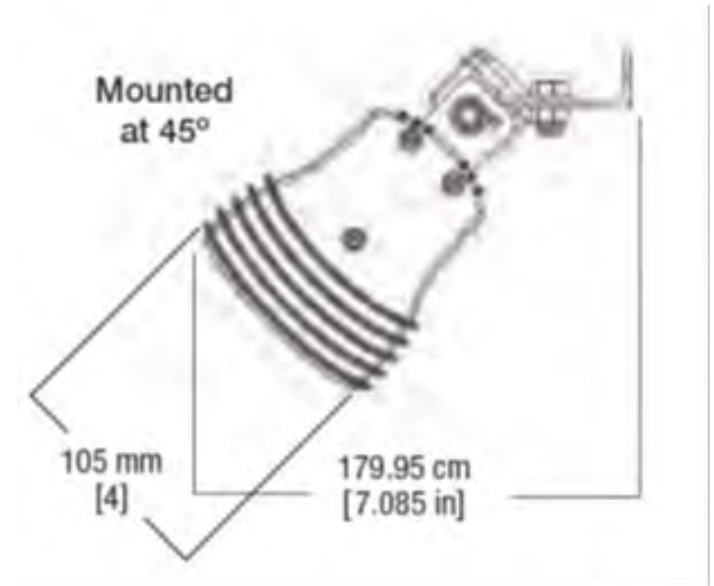
Heater Model Black # SCOSYAW15120B Ral: 9005

Heater Model White # SCOSYAW15120W Ral:9010

### ADD CONTROLER AND ENCLOSURE BELOW TO BOTH HEATER MODELS ABOVE:

Controller #SHP18280SOL

Enclosure #SHP80ENCLOSE



#### NOTE:

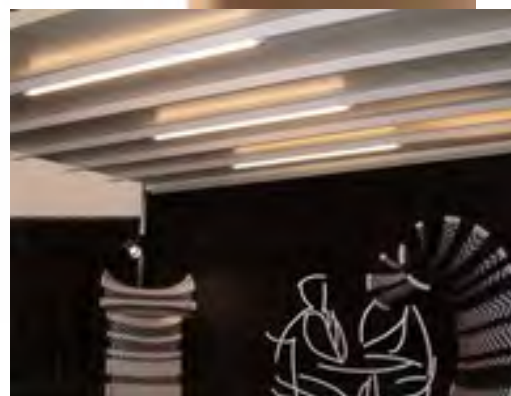
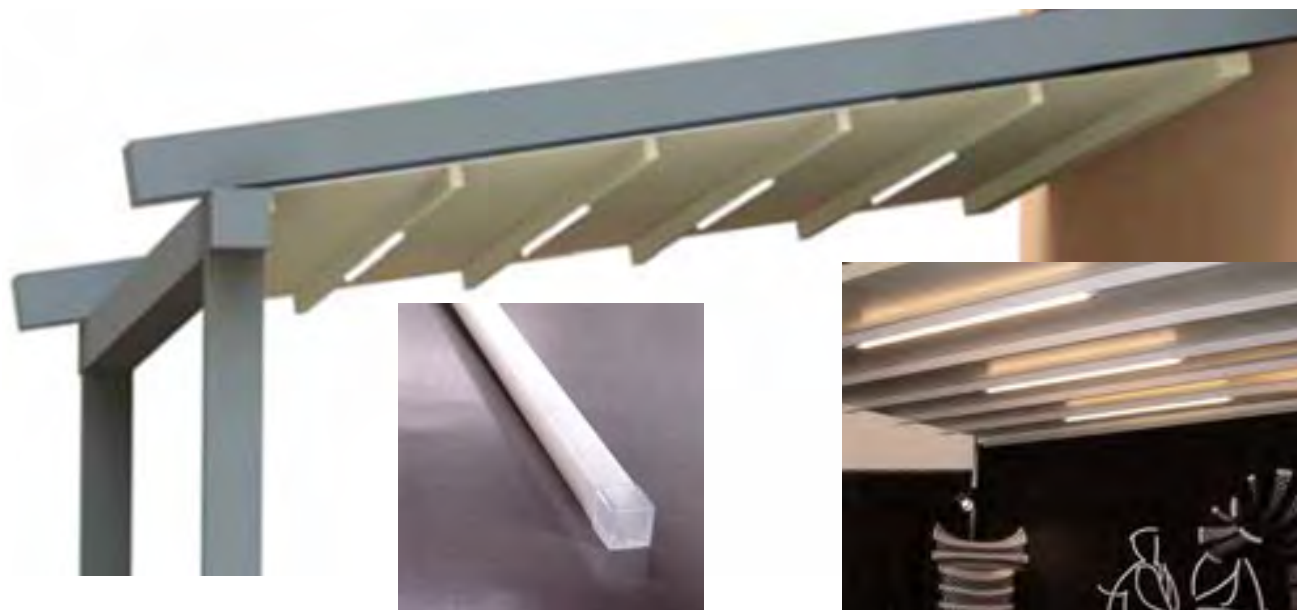
Maximum 6 ea. 110 volt heaters can be used per controller and box.

Maximum 12 ea. 240 volt heaters can be used per controller and box.



# STARLED “Classic” 130 cm / 51” White LED bars

For wall mounted Pergola awnings only ( Not for Nomo, Rialto, Opera or Vision).



StarLed is the high efficiency led light that allows you to create an intimate, picturesque and bright room under the pergolas

- ✓ Led bar length 130 cm. 140 Led per m., 24 V, PW 14 W
- ✓ Opaline polycarbonate tube 15x15mm
- ✓ Closing caps
- ✓ Installation with screws and adhesive tape 3M
- ✓ Light colour @3000°K
- ✓ Light emission: @1050 lumen
- ✓ High efficiency, warm light Led. Lumen - power ratio is very high, about @110lm/W
- ✓ On request with radio control.

**Recommended # of lights:** There is no fixed rule how many lights are recommended as it depends on how much light the customer needs. Typically three to four (3 to 4) lights is enough per section of each Pergola or per bay.

# LED Soft / White Custom sized LED bars White

For wall mounted Pergola awnings

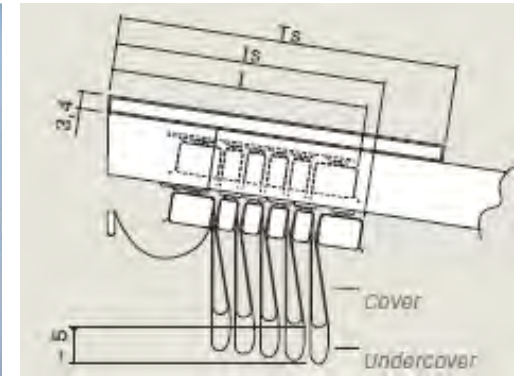
5MM ILUMA™ LIGHT STRIPS



The soft white LED lighting strips are available up to 40 ft long (Maximum allowable amount of linear lighting per Somfy Lighting receiver). One Somfy lighting receiver #1811486 is needed per 40 ft. of linear LED lighting. Typically two to four ( 2 - 4 ) lighting bars are centered per each bay or section of Pergola. Multi Channel Telis remotes are needed for the LED lighting depending on how many lighting receivers are needed.



# UNDERCOVERS WALL MOUNTED PERGOLA® AWNINGS



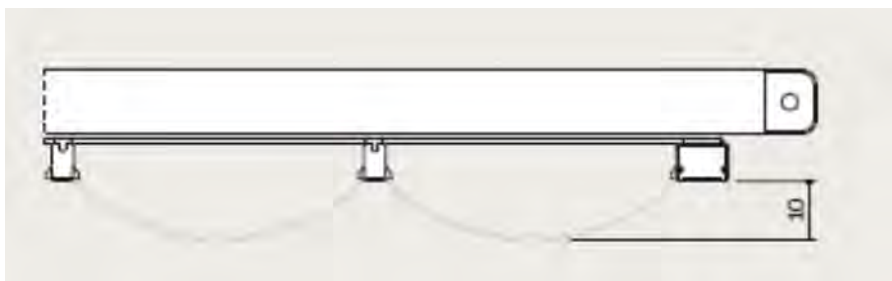
To create a nice atmospheres with wall Pergola® Awnings , it is possible to apply an "Undercover" installed under the ribs. Please note fabric will hang lower than top Vinyl cover. This undercover will be slightly narrower than the top cover by at least 4" / 10 cm per side to prevent water from going up along the PVC flap and wet the fabric of the under cover (Solid 60" fabric colors only).

## AVAILABLE FABRICS:

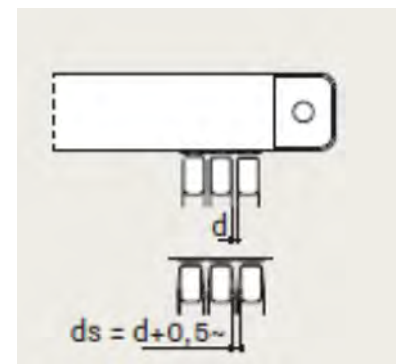
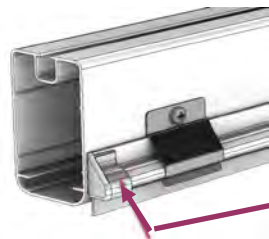
**Standard:** Sunbrella 60" solid colors.

**Optional:**

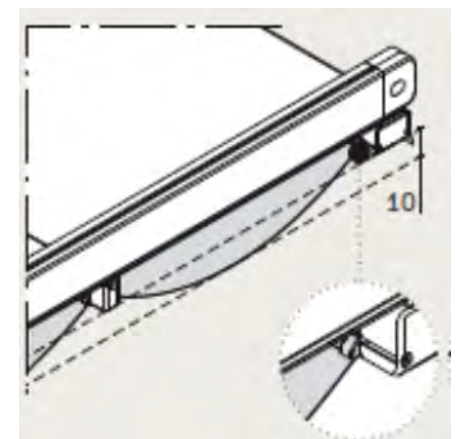
Fire retardant Sunbrella & Tempotest STAR 60" solid colors from range.



PLEASE note rib spacing will increase 6mm / 5/16" between each fold in the fabric.

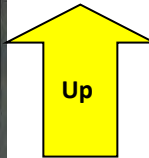


**Note:** Undercovers are installed with a "clip" system.

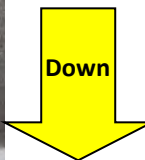




## UP & DOWN Glass Walls Options



*The Up & Down model is made up of two sections, one stationary and one mobile. A simple key is used to lock and release the module. To raise, release window with the key and the spring loaded module will slowly rise on its own.*



**The Up and Down model of our glass window dividers can be customized to match your color scheme or even display your logo! The base aluminum colors are White and Iron Grey colors. Virtually any color and design graphic motifs can be added to the glass to showcase your restaurant's unique style. Other models are also available.**

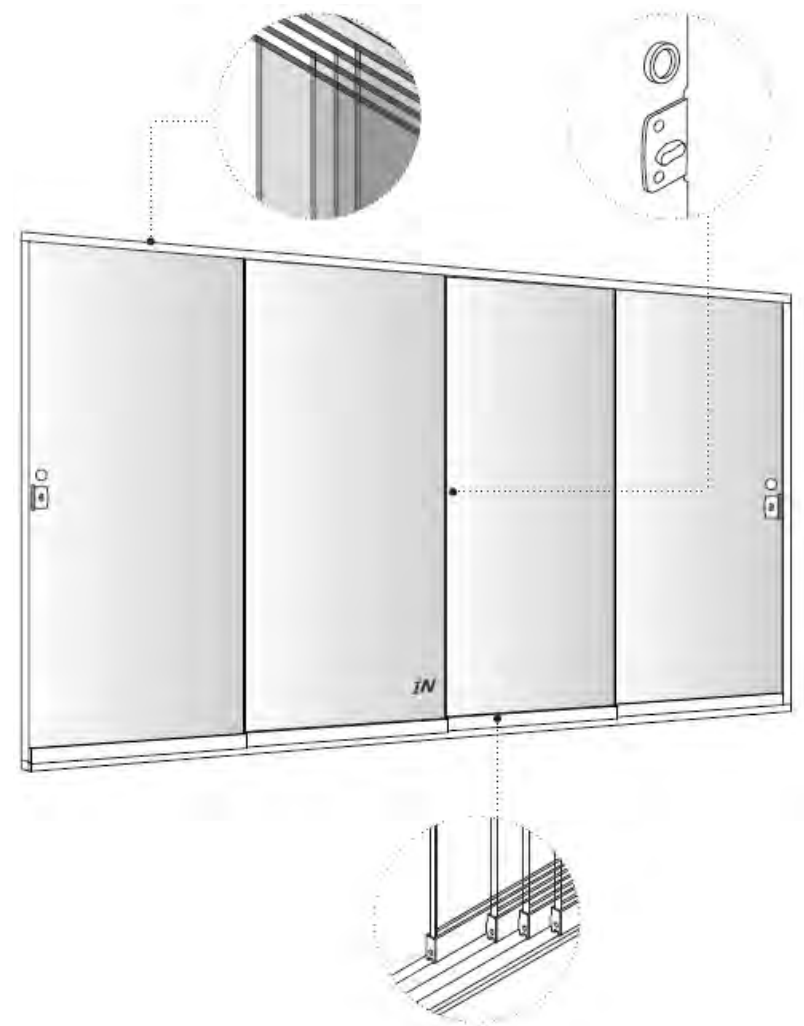




## Installations



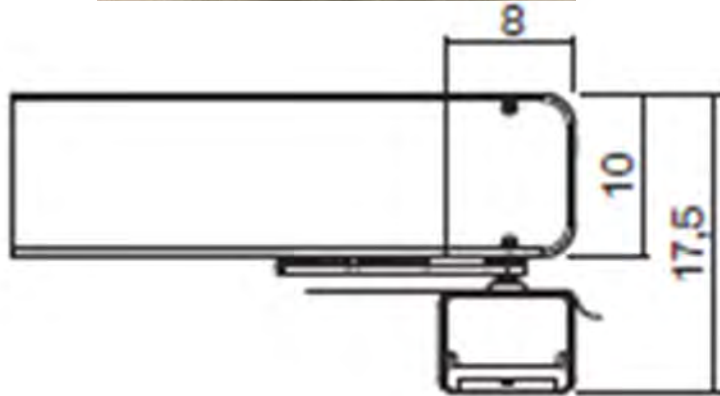
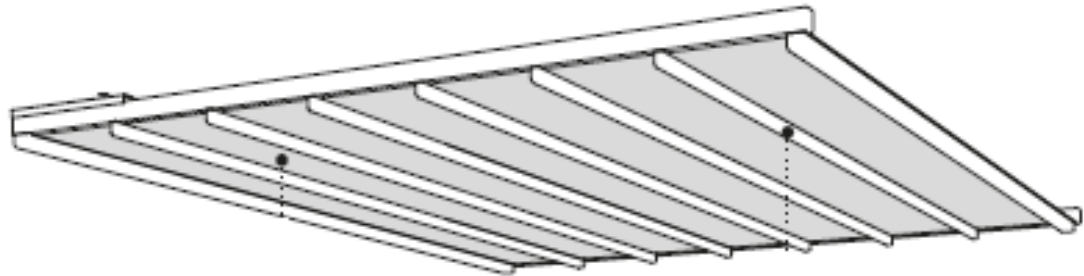
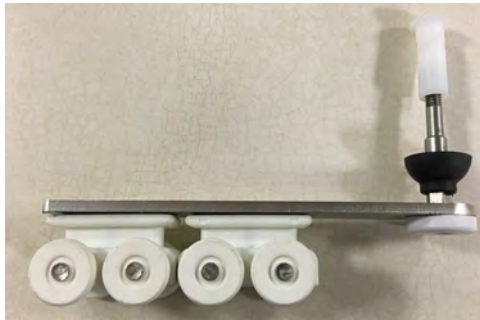
## SLIDE GLASS Options





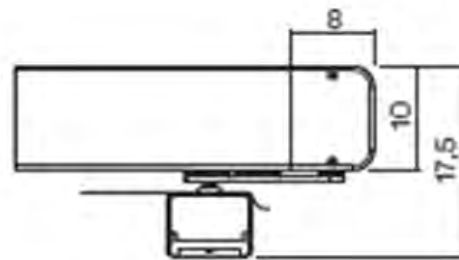
# ADVANCED TROLLEY

For TECNIC & TECNIC ONE only.



Advanced trolley

The advanced trolley extends the leading edge front profile further out to the end of the “Guide” for better coverage from sun and rain.



Standard trolley

## **Optional: sloped to the side**

For **TECNIC** type 1 units only (Not Tecnic One).



It is possible to mount the TECNIC model pergola units flat front to back with “taut” fabric without adding typical (A, B, C) water drainage options to the sides.

### **NOTE:**

**This option must be approved by Sunair in writing prior to ordering that the desired size and configuration is ok. Typically minimal pitch “H” must be at least 3% but no more than 5% to one side.**