

# KLAIS 110

High adaptability and elegance



## THE HIGHLY ADAPTABLE AND ELEGANT VERTICAL SOLUTION

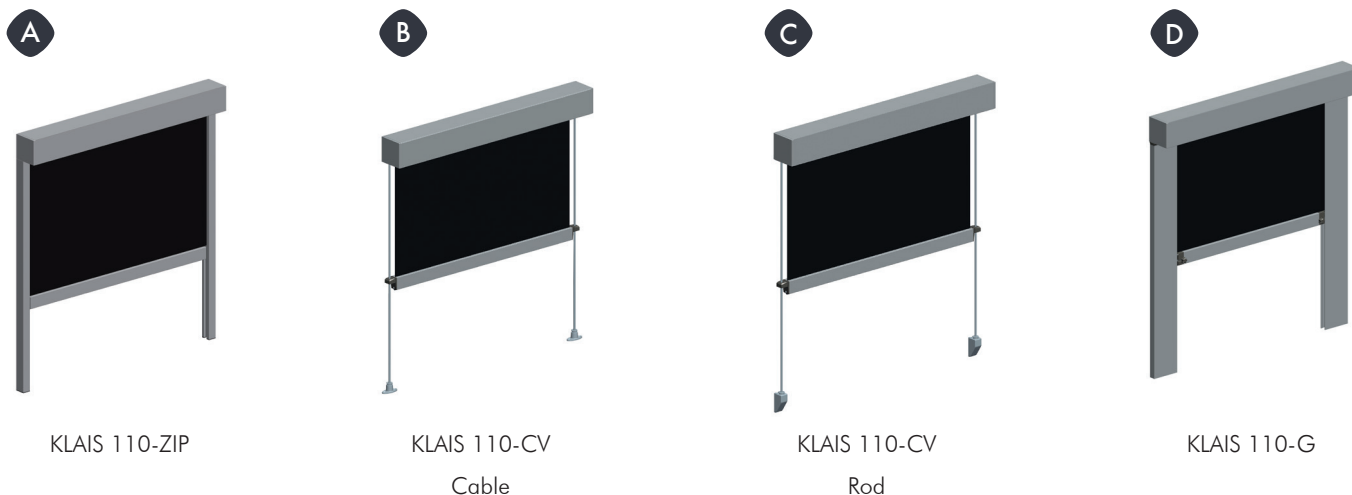
KLAIS 110 is a vertical awning that is designed to offer multiple solutions whatever the need of each installation. Its straight, minimalist lines meets the ideal proportions to offer great rolling capacity in the least space possible.

Strength and a 100% metal look  
with no visible plastic pieces.



Straight lines cassette 110 mm.





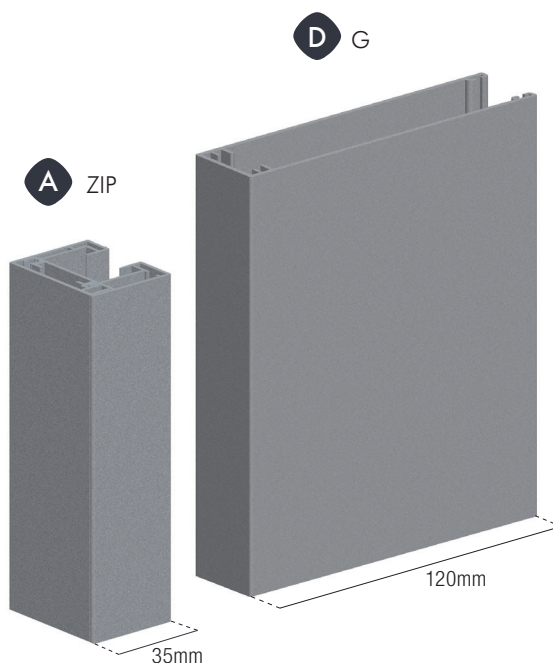
The KLAIS 110 has been conceived so that a single model of outdoor technical blind can be configured with several guiding options, giving this product great versatility and flexibility of action:

- A.- 35 mm. ZIP guide
- B.- 3 mm. braided cable
- C.- 8 mm. stainless steel rod
- D.- 20 mm. windbreak guide

## ZIP GUIDE AND WINDBLOCK GUIDE

In the ZIP version, the side guides only project 35 mm to prevent any loss of light or space. Their beauty and subtlety add great value to any structure.

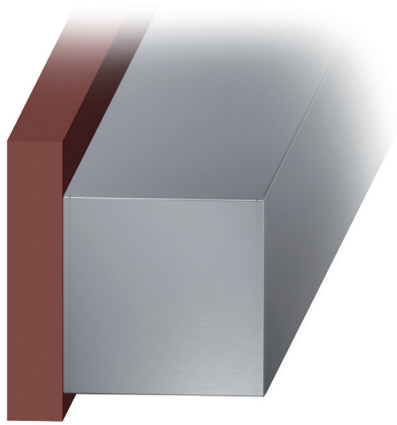
The 120 mm windbreak guide can also work manually and is a robust solution for protecting the interior space of the pergola.



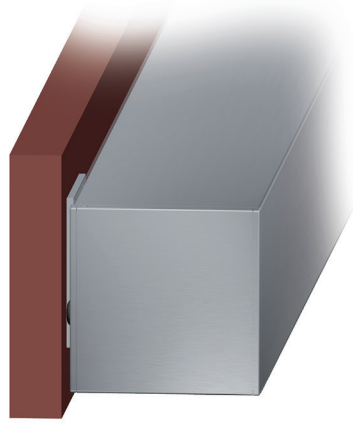


## ADAPTABILITY

Depending on the needs of each system, the two variants of the KLAIS 110 cassette allow the profiles to be directly anchored or anchored by means of brackets that are virtually concealed, either on the ceiling or on a wall or even between walls.



Direct Fixing



Installation with supports

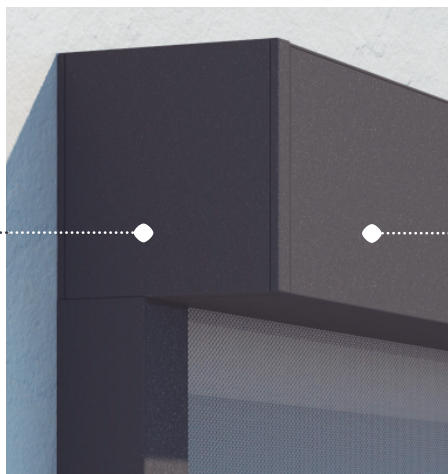
## PERIMETER ENCLOSURE FOR PERGOLAS

Its straight, minimalist lines make this vertical awning the perfect complement as perimeter enclosure system for outdoor pergolas.





Easy access to interior mechanism after the awning has been installed.



Designed for simple and safe installation.



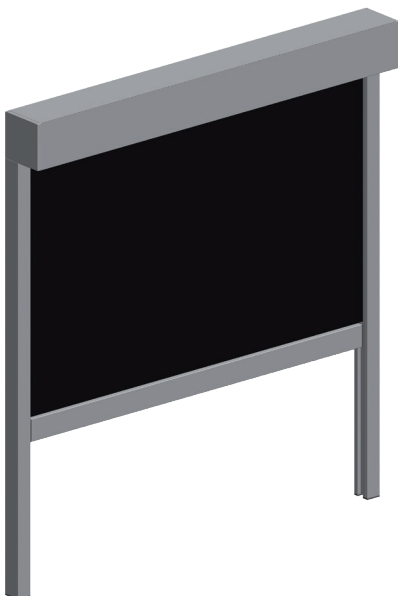
Fabric always protected thanks to the cassette box.

It defines individual spaces, creating comfort zones protected from passer-by and the view of outsiders.

Provides thermal comfort and visual comfort.

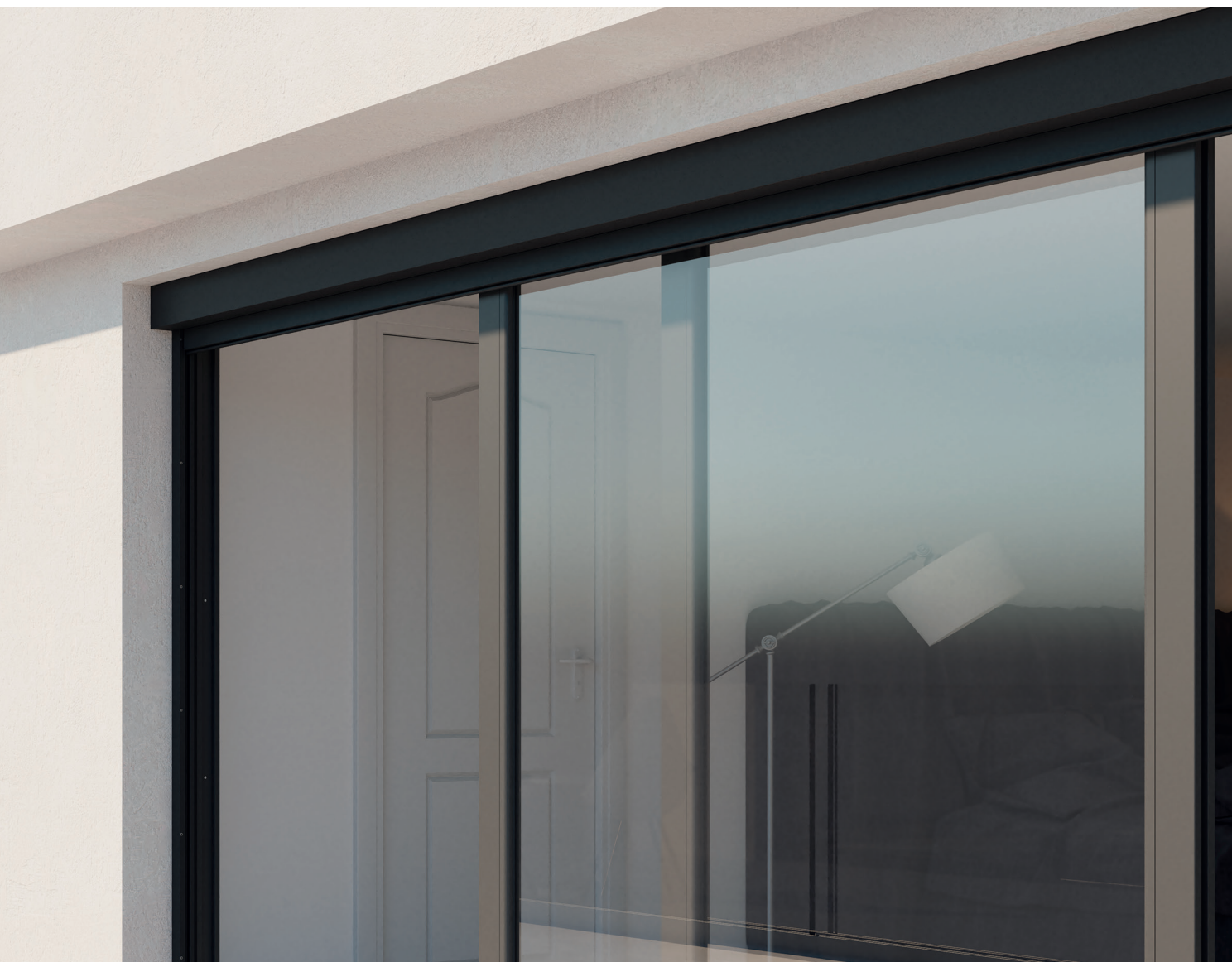


KLAIS 110-ZIP



- The zip closure makes this range the perfect ally to protect façade openings and to add vertical awnings o structures and porches.
- It offers high durability and protection from lateral sunlight, wind and slanting rain.
- The fabric is always between the guides to ensure maximum insulation.





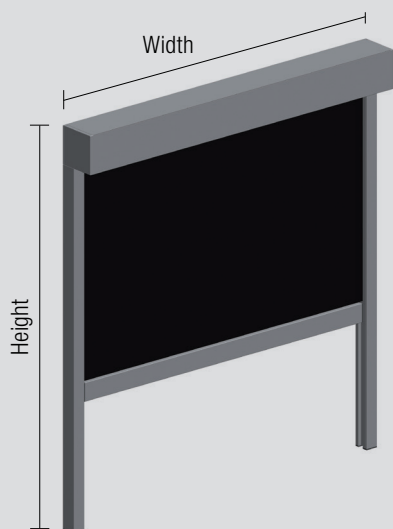
KLAIS 110-ZIP

- 35x45 mm ZIP guides prevent loss of light and provide increased passage space.
- Allows 3 installation options, front, ceiling and between walls, by direct anchoring of the guides.

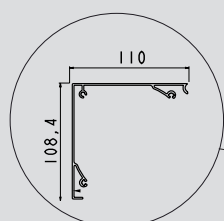
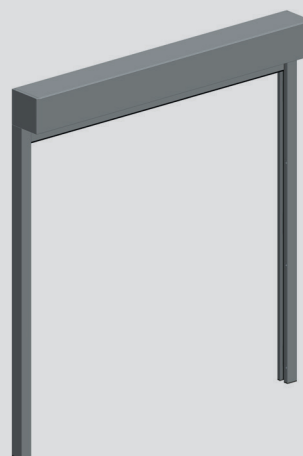




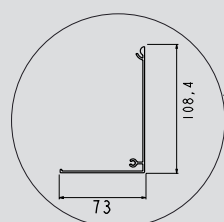
Maximum dimensions (m)



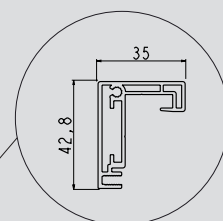
Width	Height
3,50	5,00
4,00	4,00
4,50	3,50
5,00	2,50



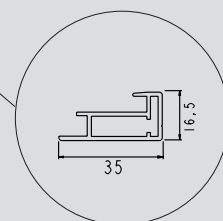
Cassette profile



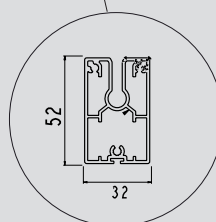
Cassette front profile



Guide profile zip



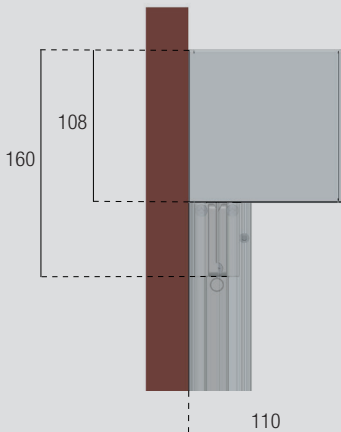
Front zip guide profile



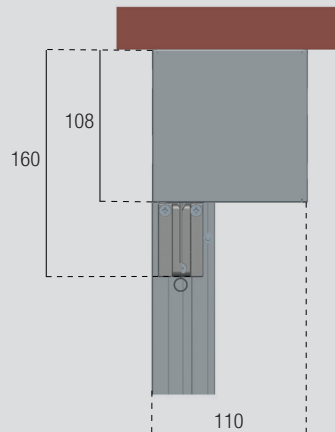
Drop bar

## Dimensions (mm)

Direct wall mounting



Direct ceiling mounting






## Guiding system

Zip guide

## Operation

- ☐ Manual
- ☒ Motorised
- ☒ Automated

## Mounting

-  Wall
-  Ceiling
-  Between walls

## Usual installations

### Outdoors - Indoors

Windows and large windows



Vertical structures



### Outdoors

Balconies



### Indoors

Access to commercial premises



## Classification

Standards: UNE-EN 13561:2015



Wind  
Up to 38 km/h

## Finishes

Lacquer in accordance with QUALICOAT standards

Stainless steel screws and bolts

## Roller tube selection (mm) and Maximum dimensions for recommended fabrics (m)

	Width x Height	R/T ø80	R/T ø80	R/T ø80	R/T ø80	
RECScreen	RecScreen 4000P - 1%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	NOTE: For other dimensions, consult the manufacturer's manual.
	RecScreen 6000 - 2%	3,50 x 3,50	4,00 x 3,00	4,50 x 2,50	5,00 x 1,00	
	RecScreen 7000 - 3%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen 3500P - 5%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen 5000P - 10%	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50	
	RecScreen DIAMANTE - 5%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen CRISTAL - 6%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen RUSTIC - 6%	3,50 x 3,50	4,00 x 3,00	4,50 x 2,50	5,00 x 1,00	
	RecScreen BICOLOR - 6%	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen RAINLESS	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50	

NOTE: For other dimensions, consult the manufacturer's manual.

(only indoors)

(only indoors)

(only indoors)

(only outdoors without glass)

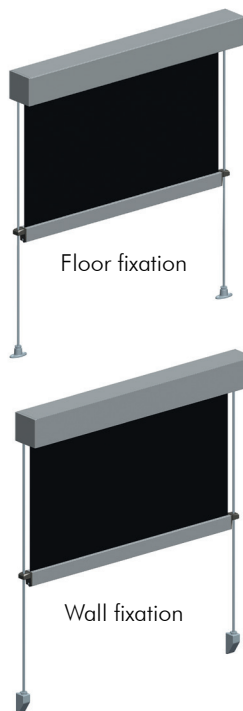
NOTE: Minimum width = 0,80 m





KLAIS 110-CV

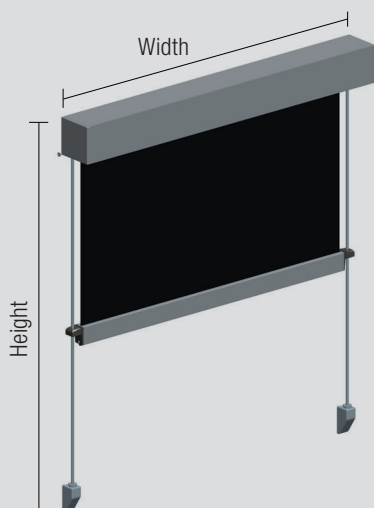
Cabel, wall fixing example



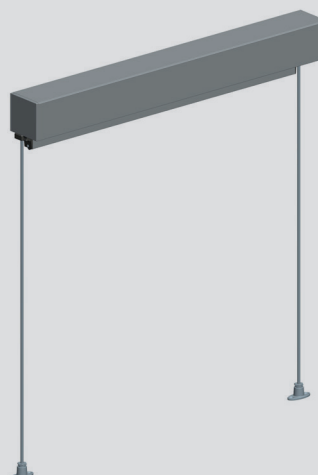
- Great versatility to allow both cable and rod guiding system.
- Allows 3 installation options, frontal, ceiling and between walls, by means of the front/ceiling support.
- Versatility of assembly with different possibilities of guiding systems, fixings and tensioners for wall or floor position.





**Maximum dimensions (m)**


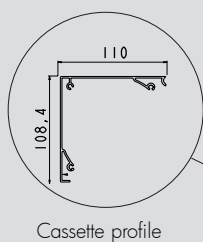
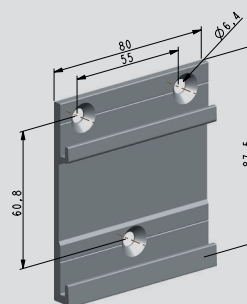
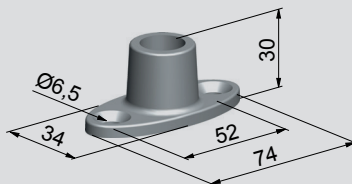
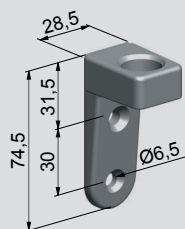
Width	Height
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4,00	4,00
4,50	3,50
5,00	2,50



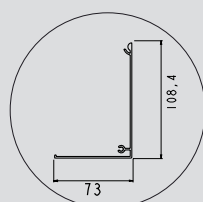
Wall rod/cable mounting

Floor rod/cable mounting

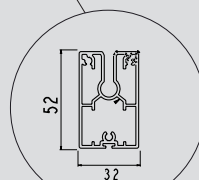
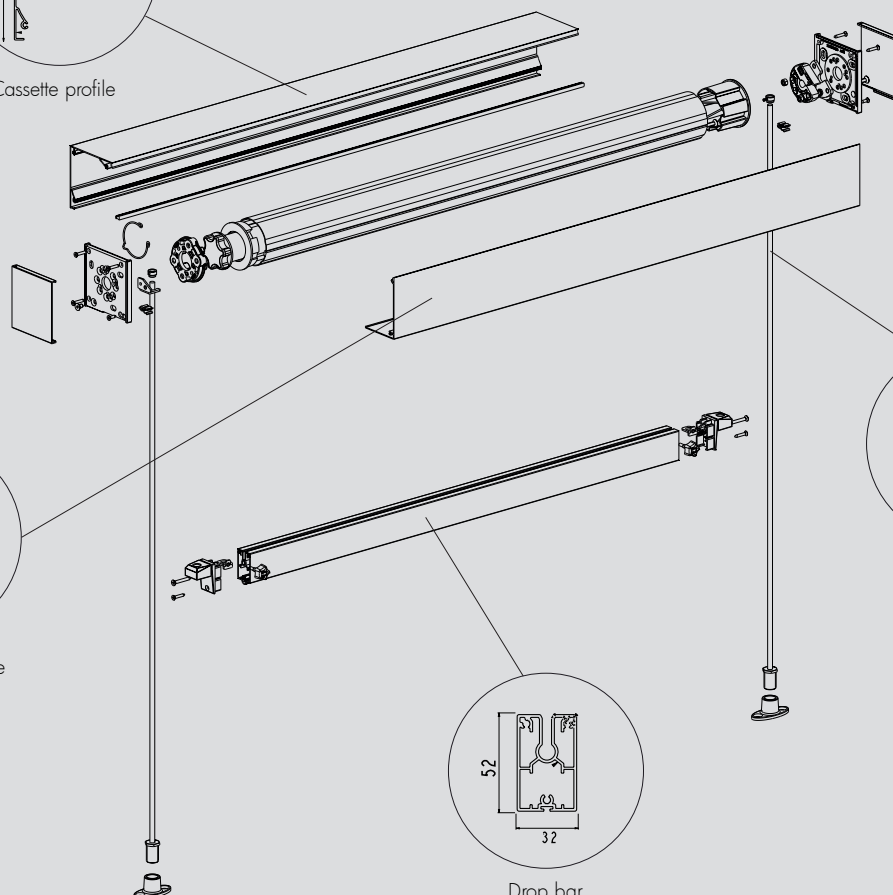
Wall/ceiling support



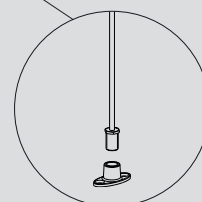
Cassette profile



Cassette front profile

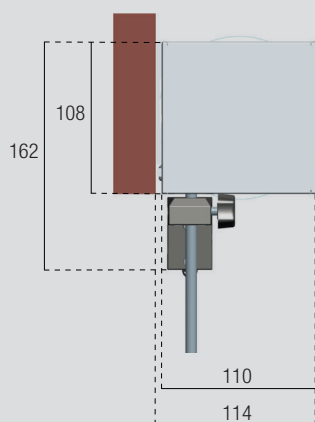


Drop bar

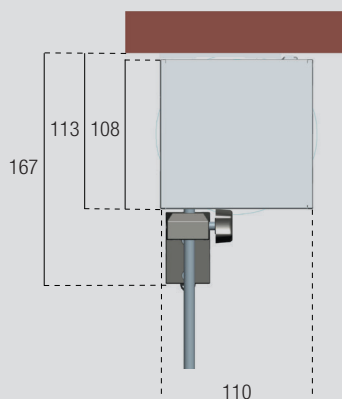

 Cable 3 mm  
Rod 8/10 mm

## Dimensions (mm)

Wall mounting with supports



Ceiling mounting with supports



## Guiding system




Cable guide

Rod guide

## Operation

- ☒ Manual
- ☒ Motorised
- ☒ Automated

## Mounting

-  Wall
-  Ceiling
-  Between walls

## Usual installations

### Outdoors - Indoors

Windows and large windows



Vertical structures



### Outdoors

Balconies



## Classification

Standards: UNE-EN 13561:2015



\*  
Wind  
Up to 38 km/h

## Finishes

Lacquer in accordance with QUALICOAT standards

Stainless steel screws and bolts

## Roller tube selection and Maximum dimensions for recommended fabrics (m)

	Width x Height	R/T ø70	R/T ø70	R/T ø80	R/T ø80	R/T ø80	R/T ø80	
RECScreen	RecScreen 4000P - 1%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	NOTE: For other dimensions, consult the manufacturer's manual.
	RecScreen 6000 - 2%	3,50 x 4,00	4,00 x 2,00	3,50 x 3,50	4,00 x 3,00	4,50 x 2,50	5,00 x 1,00	
	RecScreen 7000 - 3%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen 3500P - 5%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	
	RecScreen 5000P - 10%	3,50 x 5,00	4,00 x 3,50	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50	
	RecScreen DIAMANTE - 5%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	(only indoors)
	RecScreen CRISTAL - 6%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	(only indoors)
	RecScreen RUSTIC - 6%	3,50 x 4,00	4,00 x 2,00	3,50 x 3,50	4,00 x 3,00	4,50 x 2,50	5,00 x 1,00	
	RecScreen BICOLOR - 6%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50	(only indoors)
	RecScreen RAINLESS	3,50 x 5,00	4,00 x 3,50	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50	(only outdoors without glass)
RECAcRIL	RECAcRIL	3,50 x 2,50	4,00 x 2,00	3,50 x 2,50	4,00 x 2,00	4,50 x 1,50		(only outdoors without glass)
	RECSYSTEM	3,50 x 2,50	4,00 x 2,00	3,50 x 2,50	4,00 x 2,00	4,50 x 1,50		(only outdoors without glass)
	RECWATER	3,50 x 2,50	4,00 x 2,00	3,00 x 2,00	4,00 x 1,50	4,50 x 1,50		(only outdoors without glass)
PVC	RECAFLEX PRO	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 2,50	5,00 x 1,50	(only outdoors without glass)

NOTE: Minimum width = 0,80 m (Motor) / 1,20 m (Manual)

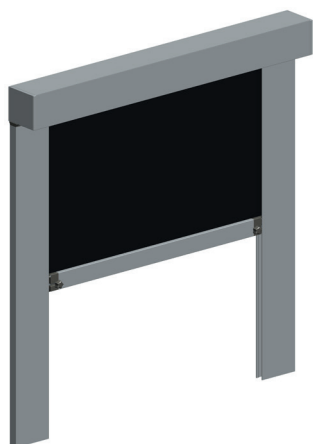
\* Except locker m.



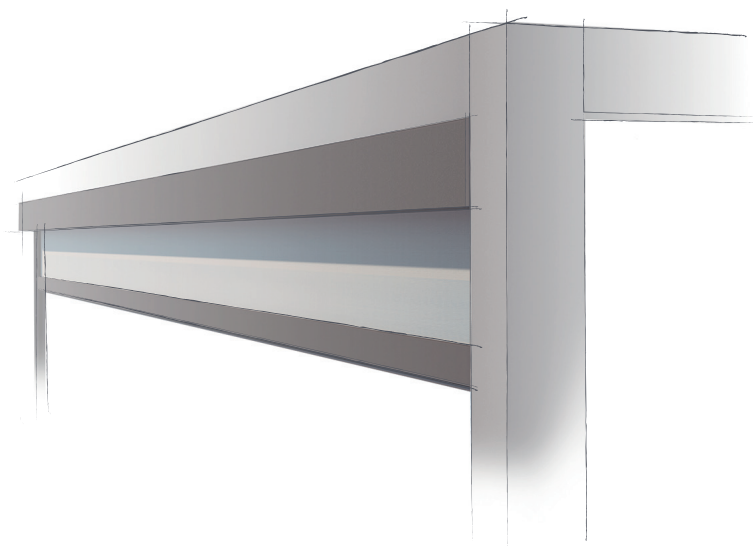




KLAIS 110-G



- The 120 mm guide ensures the position of the fabric on the sides of the awning for maximum protection against sun, wind and rain.
- Designed for simple and safe installation.



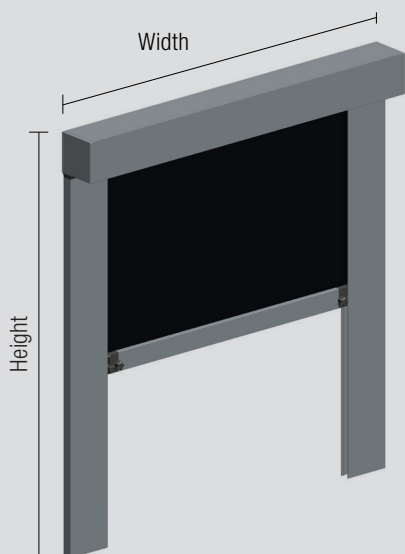


**KLAIS 110-G**

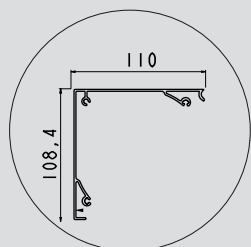
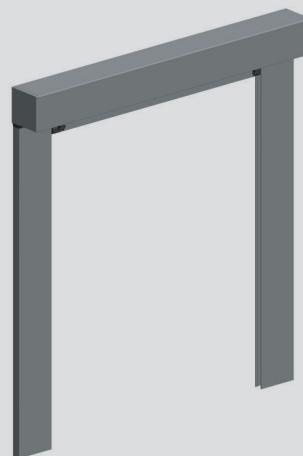
- Allows 2 installation options, ceiling and between walls, by means of the front/ceiling support.
- Complementary to existing structures to provide lateral closures and added value to the installation.



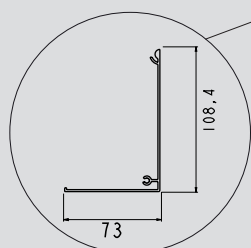
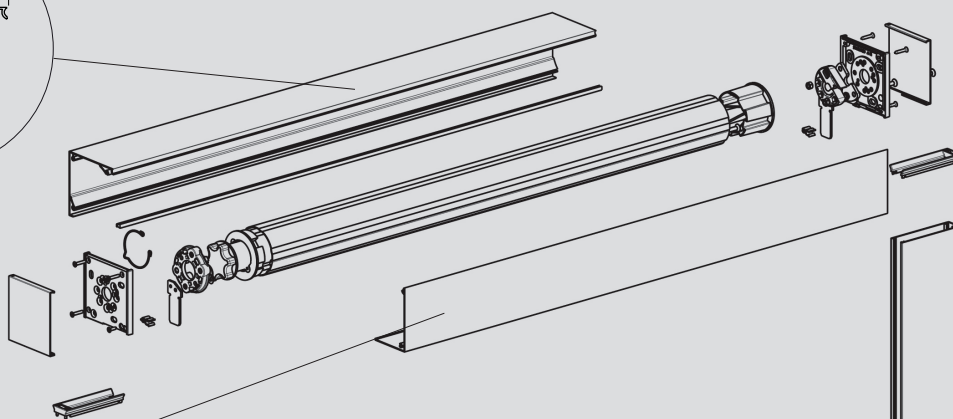
## Maximum dimensions (m)



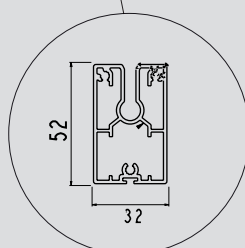
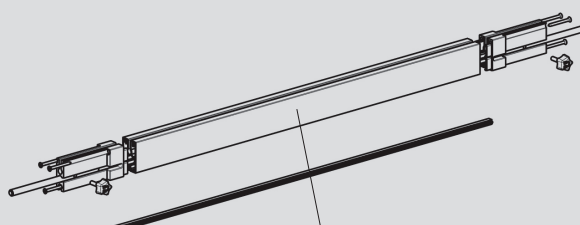
Width	Height
3,50	5,00
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5,00	2,50



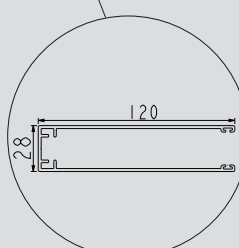
Cassette profile



Cassette front profile



Drop bar

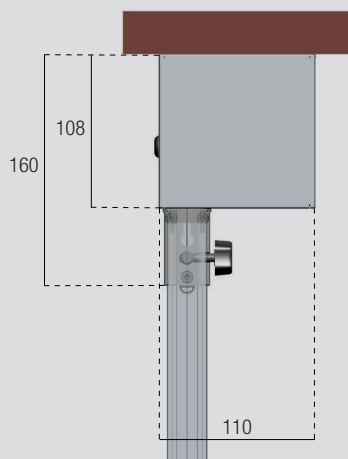


120 mm Guide profile



## Dimensions (mm)

Direct ceiling mounting



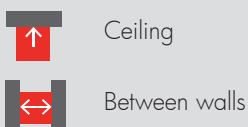
## Operation

- ☒ Manual
- ☒ Motorised
- ☒ Automated

## Guiding system

Windbreaker

## Mounting



## Finishes

Lacquer in accordance with QUALICOAT standards

Stainless steel screws and bolts

## Usual installations

Vertical structures



## Classification

Standards: UNE-EN 13561:2015



Wind  
Up to 38 km/h

## Roller tube selection (mm) and Maximum dimensions for recommended fabrics (m)

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	RecScreen 7000 - 3%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50
	RecScreen 3500P - 5%	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 3,50	5,00 x 2,50
	RecScreen 5000P - 10%	3,50 x 5,00	4,00 x 3,50	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50
	RecScreen RUSTIC - 6%	3,50 x 4,00	4,00 x 2,00	3,50 x 3,50	4,00 x 3,00	4,50 x 2,50	5,00 x 1,00
RECACRIL	RecScreen RAINLESS	3,50 x 5,00	4,00 x 3,50	3,50 x 4,50	4,00 x 3,50	4,50 x 2,50	5,00 x 1,50
	RECACRIL	3,50 x 2,50	4,00 x 2,00	3,50 x 2,50	4,00 x 2,00	4,50 x 1,50	
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	RECWATER	3,50 x 2,50	4,00 x 2,00	3,50 x 2,00	4,00 x 1,50	4,50 x 1,50	
PVC	RECAFLEX PRO	3,50 x 5,00	4,00 x 3,50	3,50 x 5,00	4,00 x 4,00	4,50 x 2,50	5,00 x 1,50

NOTE: For other dimensions, consult the manufacturer's manual.

(only outdoors without glass)

(only outdoors without glass)

(only outdoors without glass)

(only outdoors without glass)

(only outdoors without glass)

NOTE: Minimum width = 0,80 m (Motor) / 1,20 m (Manual)





&

RECASENS  
BCN 1886

HABITAT LLAZA adds the strength of two major brands to obtain sun protection with all the guarantees of functionality and quality. A wide selection of fabrics is made available to professionals that allows them to find the right services for every need.



RecScreen

Range of polyester screen fabric providing different textures and finishes, with openness factor from 1% to 10%. They provide the perfect balance between thermal comfort, outward visibility, glare control, good use of natural light and privacy.



RecScreen®  
RAINLESS

Polyester thread screen base with a basket-weave structure and PVC coated side, 20% PES HT and 80% PVC. This property simultaneously provides total waterproofing, good use of natural light, thermal comfort and textile appearance.



High-performance fabric manufactured from solution-dyed acrylic fibre. Finished with the special water- and dirt-repelling "Infinity" treatment for awnings that forms a stain-proof, mildew-proof barrier while allowing the canvas to breathe. Available in a wide range of colours.

*Recsystem®*

High-performance fabric manufactured from solution-dyed acrylic fibre, semi-waterproof with a fusible resin coating on one side, with capacity to withstand water columns of over 800 mm. Finished with the special water- and dirt-repelling "Infinity" treatment for awnings that forms a stain-proof, mildew-proof barrier while allowing the canvas to breathe.

*Recwater*

Translucent waterproof fabric manufactured from solution-dyed acrylic fibre with satin-finish engraved PVC underside coloured to match the acrylic, 50% solution-dyed acrylic fibre and 50% PVC. Finished with the special water- and dirt-repelling "Infinity" treatment for awnings that forms a stain-proof, mildew-proof barrier.

**RECAFLEX PRO**

HT polyester 1100 dtex composite fabric with PVC coating that is waterproof reversible translucent with smooth gloss lacquer finish double-sided.





## EON, the intelligent motorisation by LLAZA. Control and automation, to connect us to our way of life.

### Control and automation for vertical awnings.

- Eon EV-Block: Motors with blocking system compatible with zip guidance.
- Eon MV: 30rpm high speed.

### Bidirection technology

The bidirectional Technology of the Eon motors allows for a total control and maximum efficiency of solar protection installations.

Users have real-time information on the state of opening or closing in which the awnings are, both in the smathphone and in the LLAZA EON exclusive remote control.



### Ingegrated WIFI connection

Advanced technology that connects the awnings directly to WIFI. Through platforms such as Smartlife and Tuya we can control all the awnings together with other home devices: blinds, alarms, lighting, etc.



Awnings



Smartphone  
control



LED



Voice assistant



Radio Signal

The LLAZA control and automation family is designed to bring intelligent connectivity to all our installations.





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