



# LOUVREX

Customized architectural solutions...

Louvrex is a stylish modern bioclimatic outdoor covering system that meets demands of today's architecture. The distinctive form which has a balance between design and function is used to create customised outdoor architectural solutions for protection from the elements. The unique characteristic of the system makes it clear leader in its field and presents sophisticated technology combined with innovative concepts for modern style. System makes outdoor spaces more comfortable with high functional performance and create custom-made solutions

The aluminum louvres can be tilted up to 110° with a smooth and silent rotating movement via internal motor. The automation of the system is fully hidden and operates with maximum performance & silent movement. It is possible to operate the louvres according to desired angle creating ventilation and shadow. The angle adjustable louvres provide natural air flow effect and exceptional quality of outdoor life in the open air with a high degree of flexibility for visual & thermal comfort while offering optimum conditions at any time of the day.

Individual modules can be custom made in your specified finish up to 4.5m wide and 8m projection with flexible installation methods such as integration to existing structures, wall mounting and free standing for larger outdoor areas.



Fully Closed



Tilted & Fully Closed



Tilted



Flexible installation methods are available with wall mounting and free standing installations and they can even be served as a roof for existing frameworks.



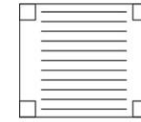
Self Standing Single Module



Self Standing Multiple Modules



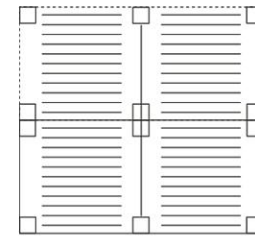
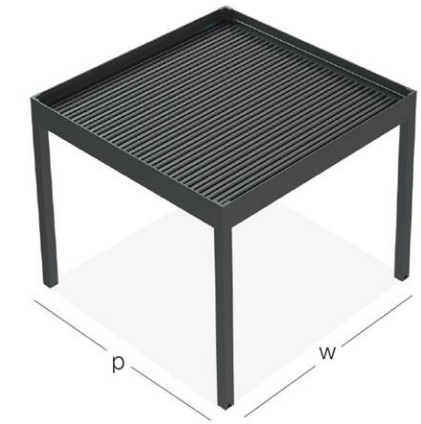
Blocked assembly for customised modules with a range of flexible combinations.



(w) Width  
135 cm < 450 cm

(p) Projection  
122 cm < 800 cm

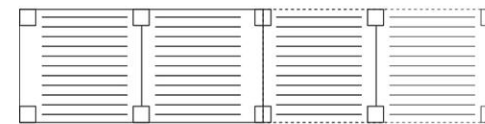
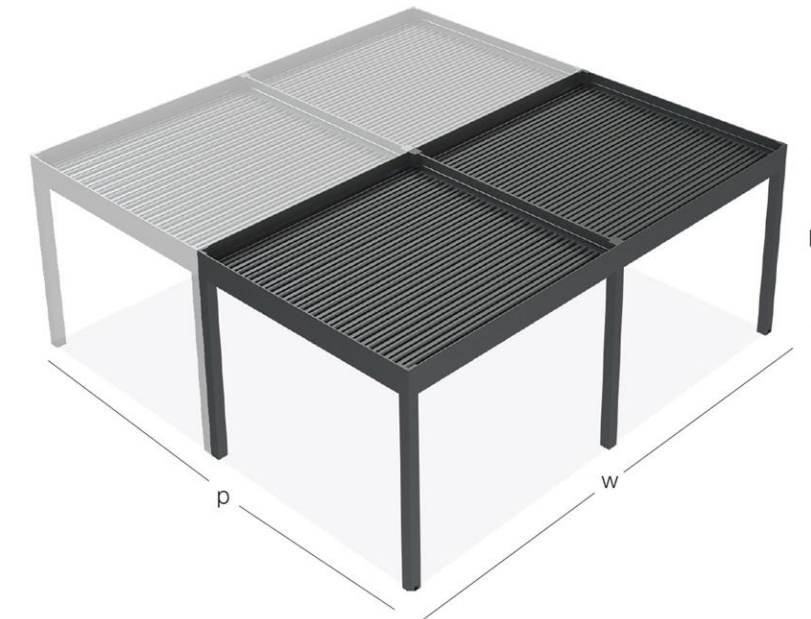
(h) Height  
300 cm



(w) Width  
270 cm < 900 cm

(p) Projection  
244 cm < 1600 cm

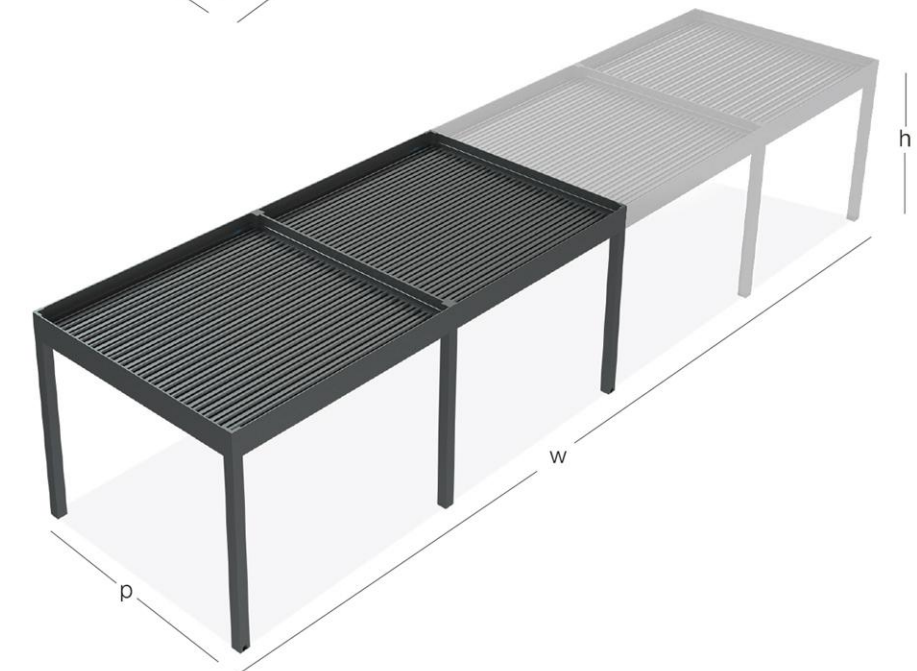
(h) Height  
300 cm



(w) Width  
540 cm < 1800 cm

(p) Projection  
-122 cm < 800 cm

(h) Height  
300 cm

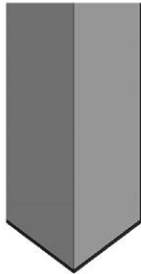


# Intra-Column Drainage Pipe

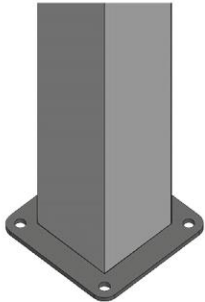
The water can be drained through internal drainage pipe and it eliminates factors that could block correct water flow. Intra-column drainage pipe collects the water and discharges to the ground.



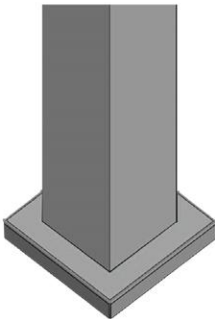
# Column Base Options



Hidden (Standard)



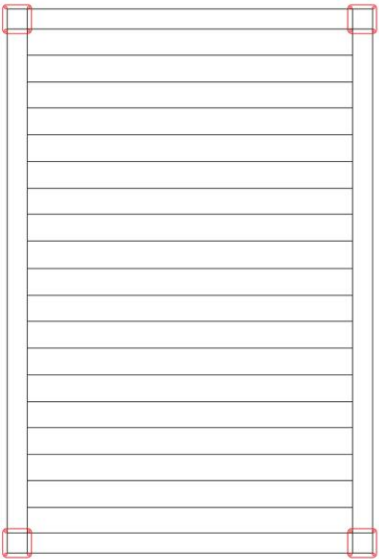
Flange



Flange With Cover Cap

# Flange Positions

Type A



Type B

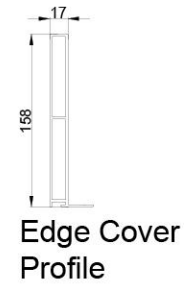
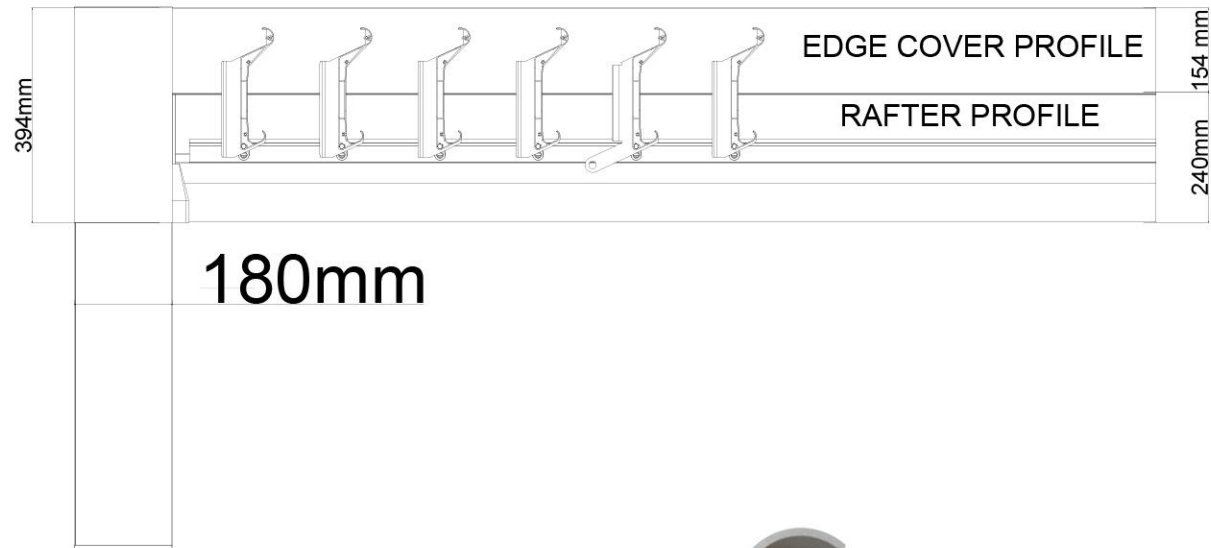


Type C





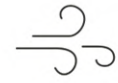
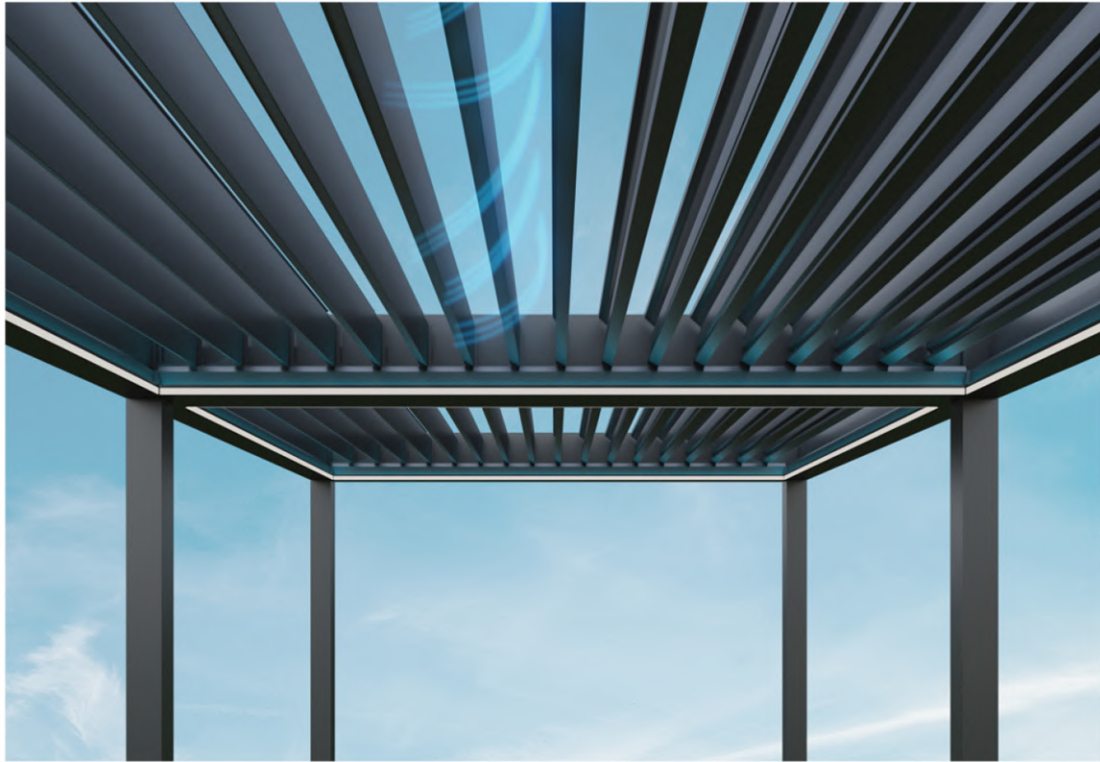
## Side Elevation



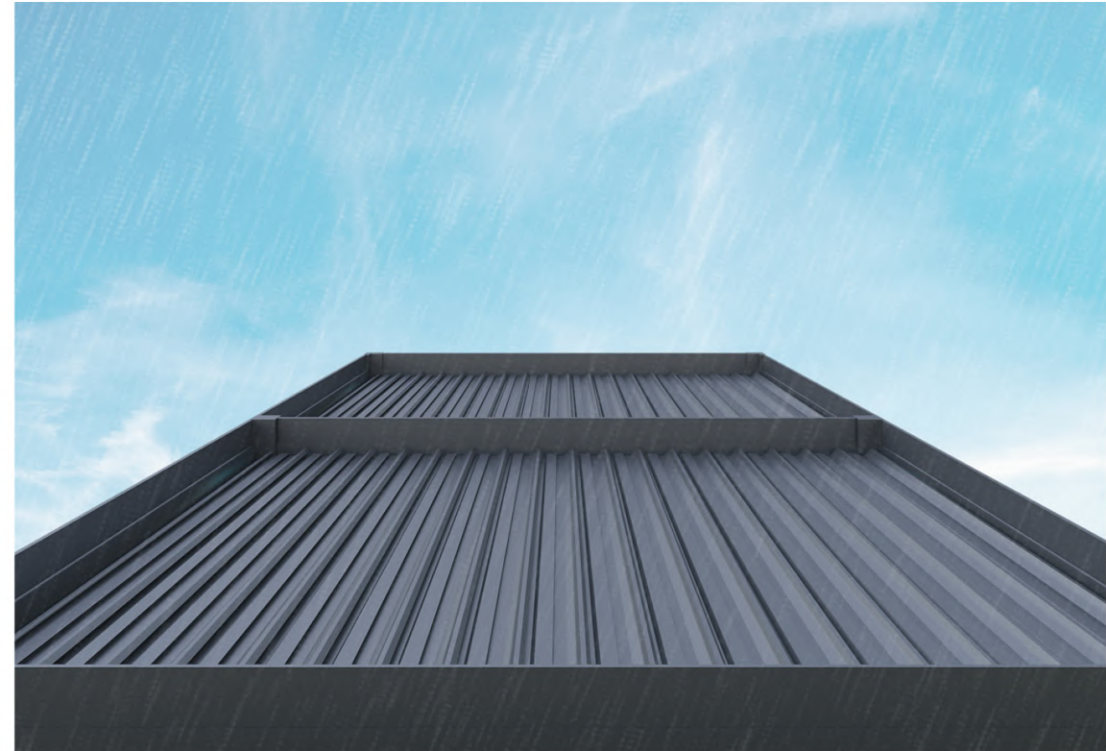
## Technical Details

Max. width for single module	450 cm
Max. projection for single module	800 cm
Rafter profile dimension	16x24 cm
Post dimension	16x16 cm
Edge cover profile dimension	158 mm
Louvre dimension	18 cm
Louvre quantity with max. size	42 pcs

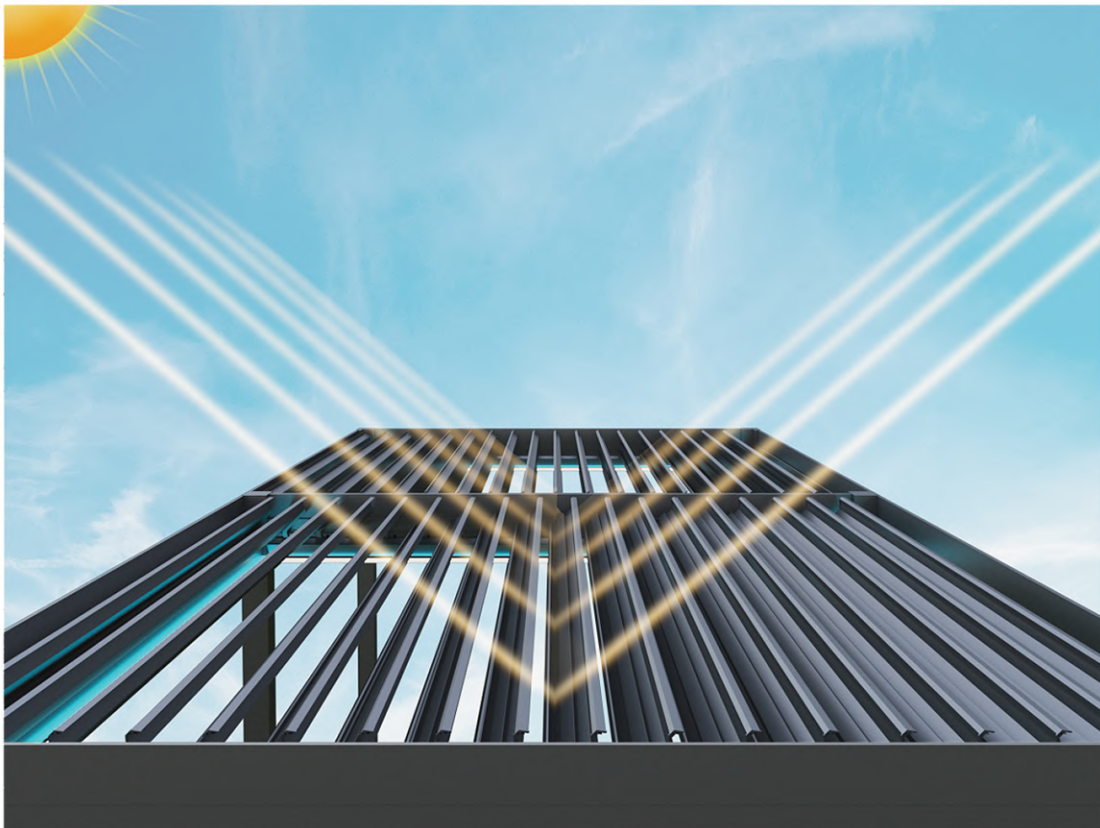
Automation	included
Control unit	included
Led Stripe Dimmer lighting	optional
RGB Led - Hidden Stripe lighting	optional
Insulation foam	optional
Edge cover profile	optional
Drainage pipe	optional
Flange	optional



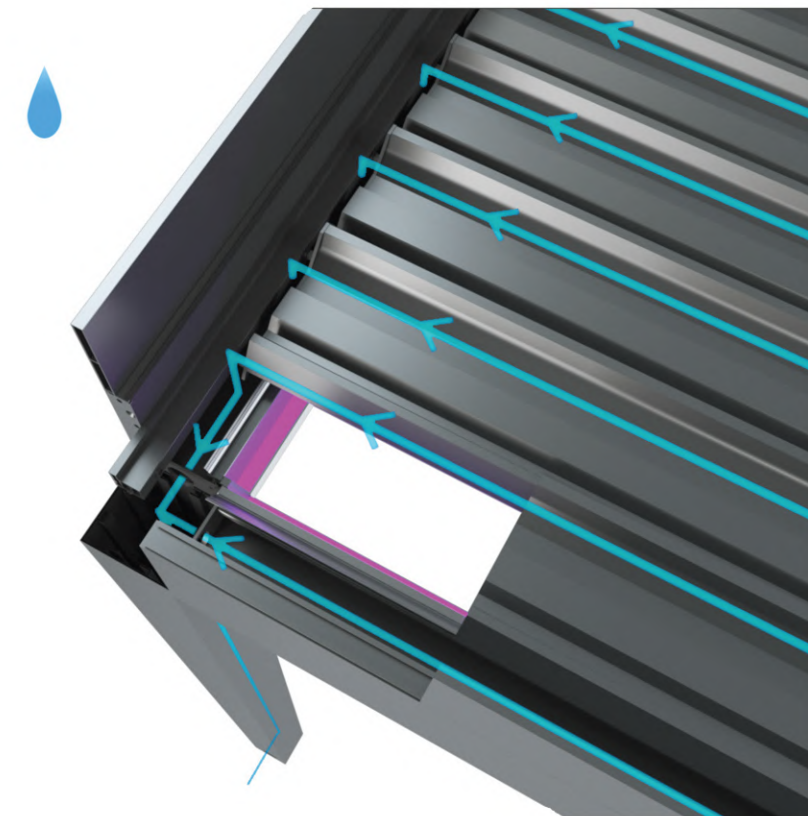
Slightly opening of louvres creates natural air flow for application areas.



Ensuring waterproof coverage when louvres in fully closed position



Protecting from sun exposure while air ventilation under the system.



Each channel on louvres drain the water through four sided gutters connected with columns.

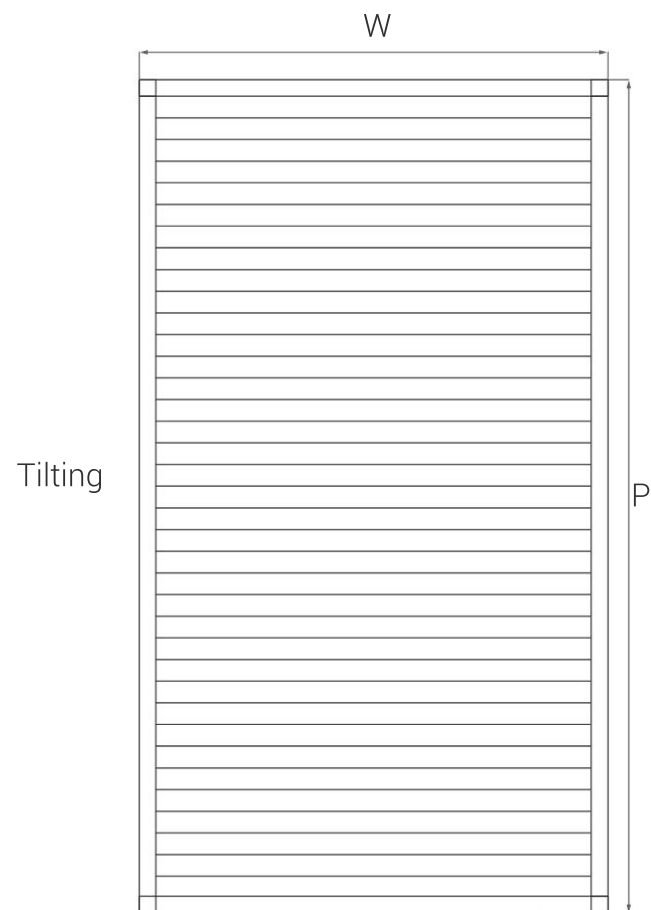
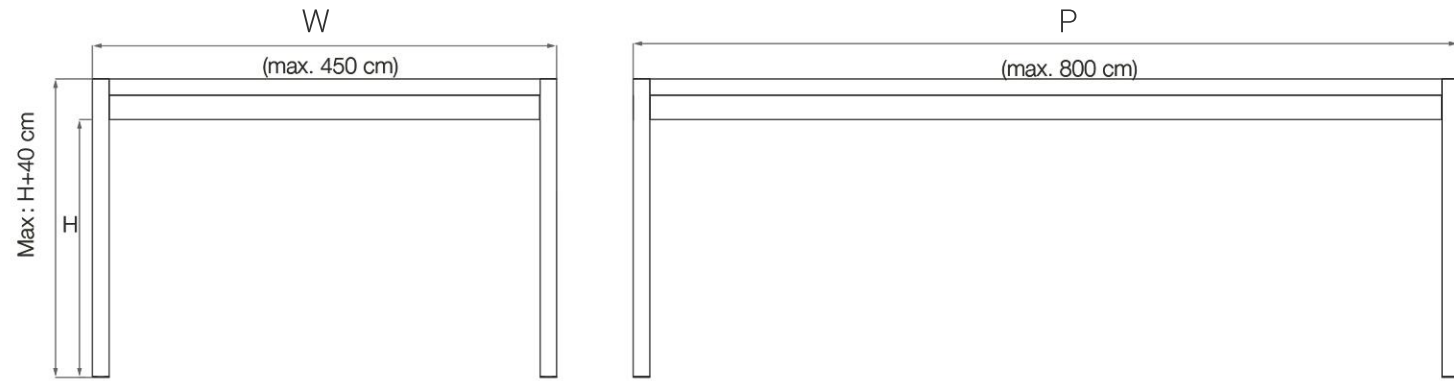


Functional seal entegred on louvre channels provides maximum protection from water dripping



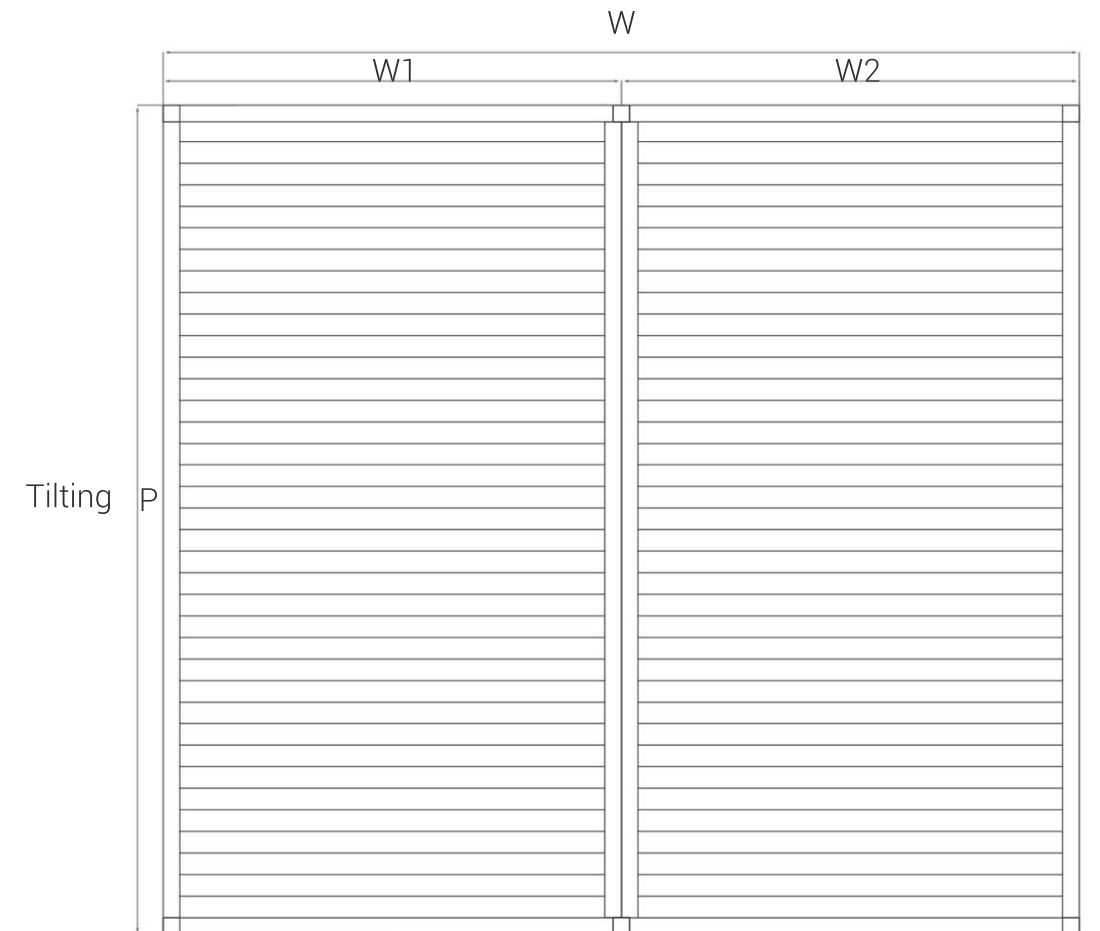
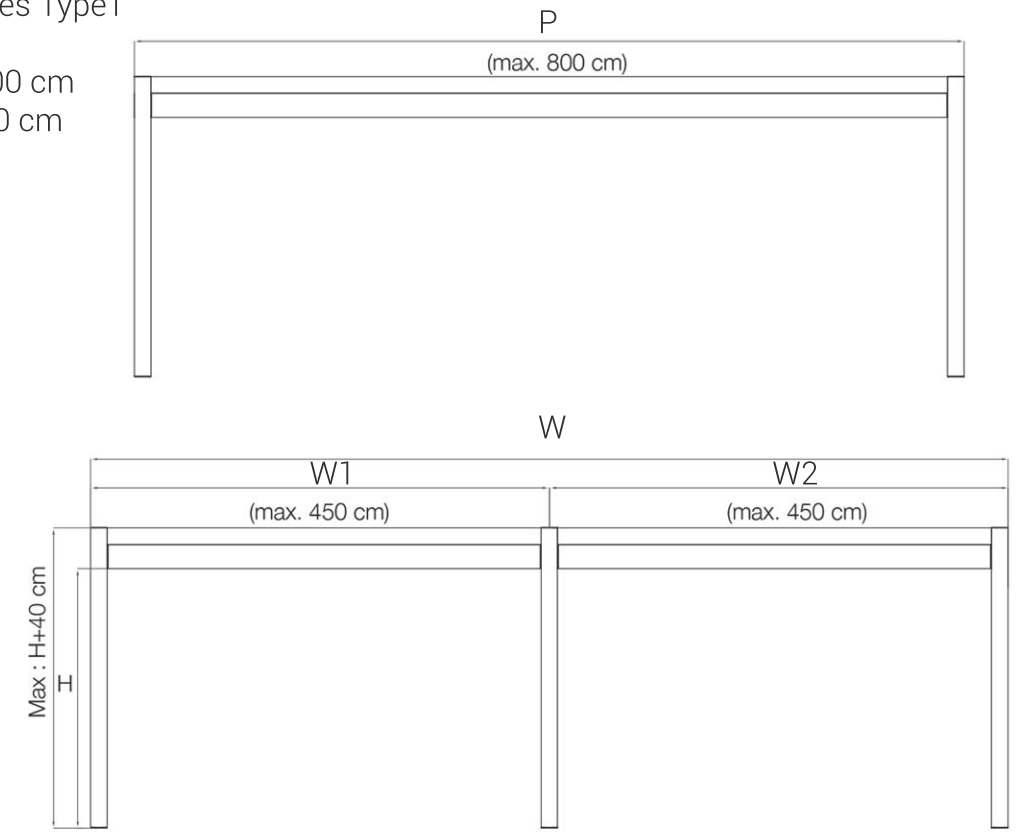
Single Module

W: 135 cm < 450 cm  
P: 147 cm < 800 cm



Multiple Modules Type1

W: 270 cm < 900 cm  
P: 147 cm < 800 cm



Multiple Modules Type 2

W: 135 cm < 450 cm

P: 294 cm < 1600 cm

