

MODELS 175 & 220

Custom Louvered Pergola Systems

Project solutions for medium and large outdoor spaces

PROJECT-GRADE

CUSTOM SIZES



EN 1090-1

Factory Production Control certified
Execution Class EXC2



Flexible shade and rain protection

Rotate the louvers to control sunlight and airflow. When closed, the roof channels rainwater through the integrated drainage system.

Manual or motorised

Custom layouts



Louvers Closed



Louvers Open



Integrated Drainage



Integrated Lighting

Two profile sizes for different project scales

MODEL 175



Medium-sized custom projects

Balanced profile size for residential and light commercial applications.

4,000 mm

Maximum louver span

5,000 mm

Maximum depth

MODEL 220



Larger custom projects

Larger louver and beam profiles for wider spans and deeper layouts.

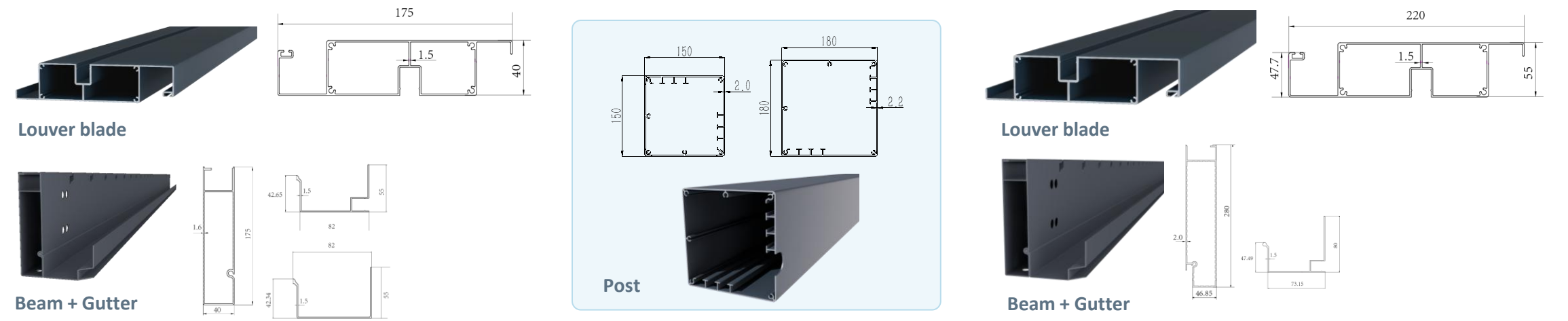
5,000 mm

Maximum louver span

6,000 mm

Maximum depth

Maximum single-bay dimensions. Final sizes depend on configuration and project review.



MODEL 175

Louver blade	175 × 40 × 1.5 mm
Beam	175 × 40 × 1.6 mm
Gutter	55 × 82 × 1.5 mm
Post	150 × 150 × 2.0 mm
Optional post	180 × 180 × 2.2 mm

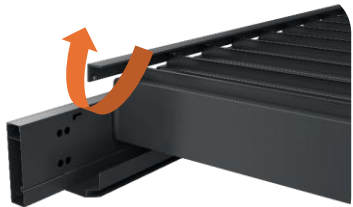
MODEL 220

Louver blade	220 × 55 × 1.5 mm
Beam	280 × 46.8 × 2.0 mm
Gutter	80 × 73.15 × 1.5 mm
Post	150 × 150 × 2.0 mm
Optional post	180 × 180 × 2.2 mm



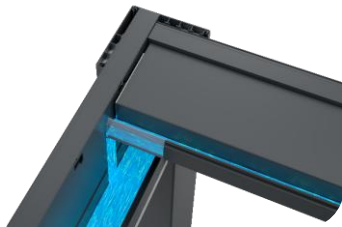
90° Adjustable Louvers

Control shade and airflow.



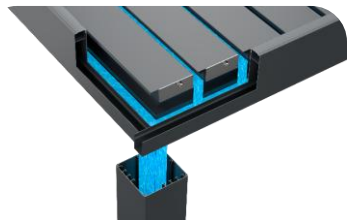
Double-Wall Louvers

Added rigidity with internal water channels.



Integrated Drainage

Channels rainwater through beams and posts.



Custom Sizes

Dimensions and supports tailored to each project.



Wind & Snow Resistance

Design reference: 110 km/h wind and 100 kg/m² snow.

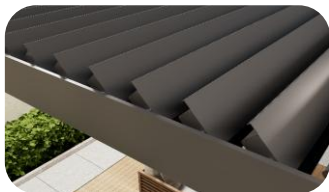


* Wind and snow performance tested by Intertek.



6063-T5 Aluminium

Durable powder-coated finish for outdoor use.



Single-bay size

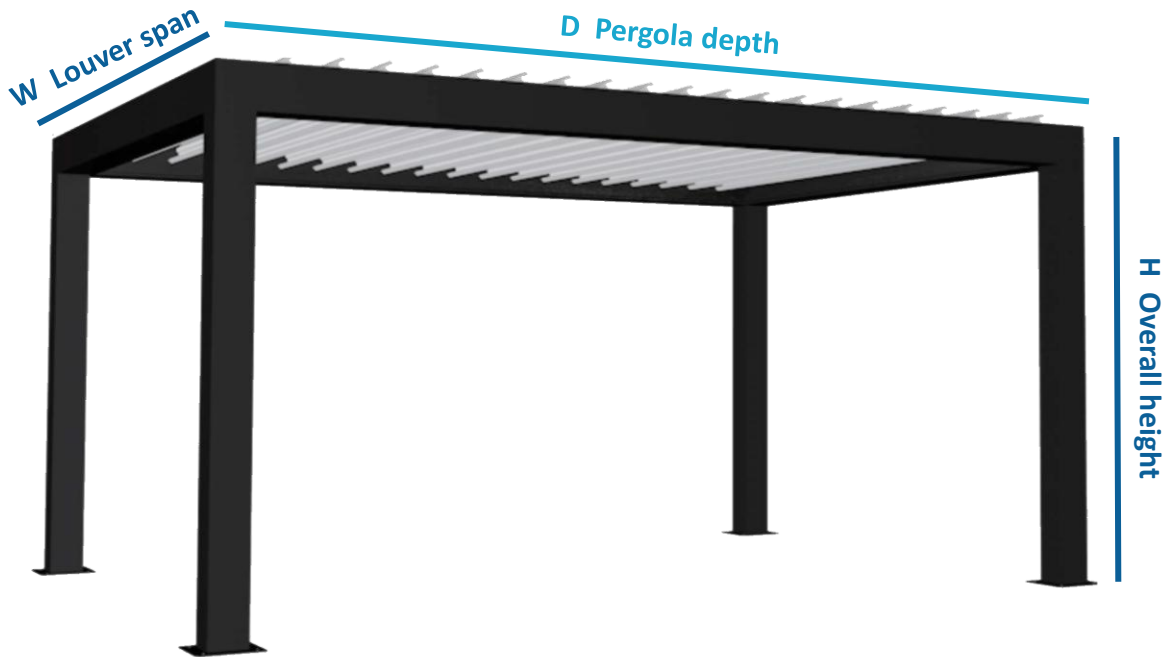
Model 175	Up to 4,000 × 5,000 mm
Model 220	Up to 5,000 × 6,000 mm

Operation

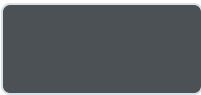
Manual or motorised

Dimension convention

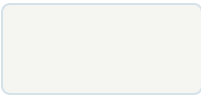
- W Louver span
- D Pergola depth
- H Overall height



Standard frame colours



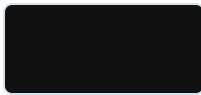
Dark Grey



White



Brown



Black

Custom colours are available subject to order requirements.



Base model



Decorative eave profile



Decorative post cladding



Post lights and ceiling fan



ZIP screens



Sliding glass doors

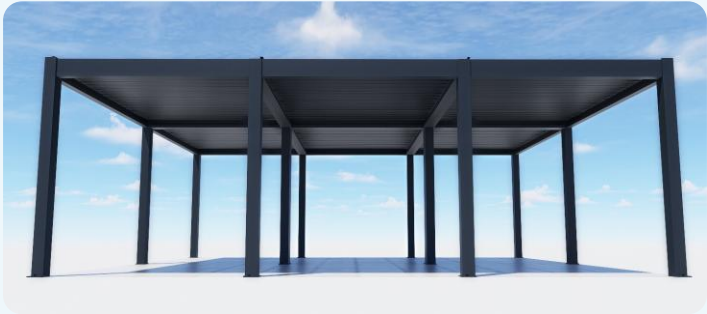
Other options include sensors, smart controls, heaters and RGB lighting. Accessories are quoted separately.



Single roof with intermediate posts

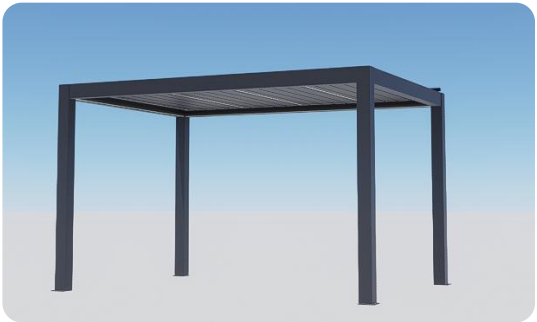
One motor operates one roof. Intermediate posts support the long side beams.

Final dimensions, post positions and connections require project review.



Multi-bay configuration

Multiple connected roof bays create larger layouts. Each bay uses its own drive system.



Freestanding



Wall-mounted



Roof-only configuration



Residential patios



Hospitality terraces



Poolside areas



Garden and outdoor living spaces

Please provide

01

Overall dimensions

Width × depth × height

03

Operation

Manual or motorised

05

Project conditions

Location, wind and snow requirements

02

Installation type

Freestanding, wall-mounted or roof-only

04

Finish and accessories

Frame colour, lighting, screens or glazing

06

Mounting details

Foundation or supporting structure