



ALUCIT LOUVERED ROOF

Model: PERGO-Y

Turn Your Living Inside Out with the Perfect
Addition to your Outdoor Living Space

Create a luxurious, relaxing and entertaining space with our innovative aluminium Louvered Roof - Alucit Pergo-Y, available in a range of sizes.



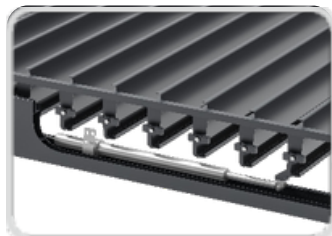
Alucit Pergo-Y Features

- Power-coated AkzoNobel aluminium with 5-years-warranty for outdoor discolouration
- Flat-ceiling Louver Blade with anti-sagging design for waterproofness
- Gutter incorporated with beam and single-sided control rod for quick assembly
- Each post comes with die-casting base cover to keep the base plate/anchor bolts invisible
- The post surface is flushed/smooth all the way up to the gutter top
- RGB LED Lighting around guttering could be optional for this model



Blade

158x 33 x 1.3mm



Motor

168 x 85 x 1.8mm



Post

120 x 120 x 1.8mm



Gutter

175 x 93 x 1.5mm

Operation Versions

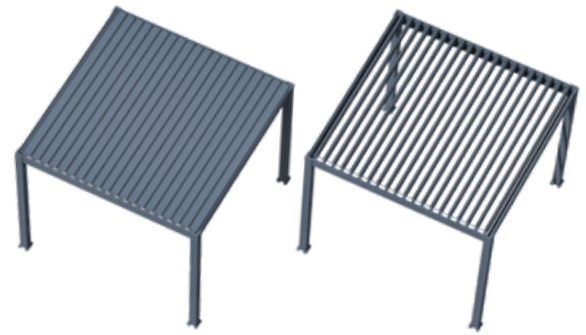
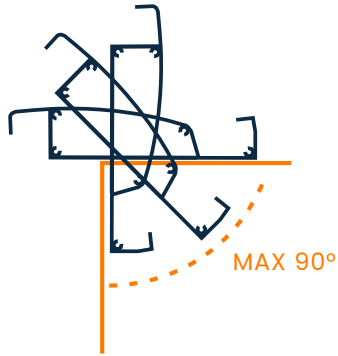


Motorized System



Manual System

Open the louver roof to enjoy the perfect sun and close it to provide shelter.



Opening

Closing

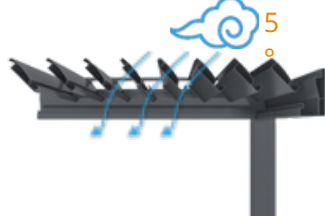


0°



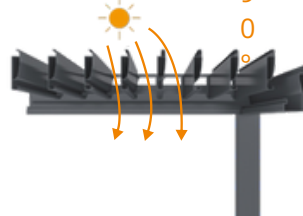
Louvers are designed such that they will interlock to keep out the water, hot sun and snow. Deep channels in each louver carry water away to the in-built surrounding gutter.

45°



Tilt the louvers like that, the sun is blocked and the fresh air can flush through the opening gaps.

90°



With 100° opening angle, you can still enjoy the sunshine and sunset.



Protection from Rain

In the event of rain, our pergola is closed to provide complete protection. Water is channeled away directly through the internal drain hidden inside the post.

Optional Sizes



● 2.929 x 2.929m



■ 2.929 x 5.672m



● 4.066 x 2.929m



■ 4.066 x 5.672m

Optional Colors



● Dark Gray



○ White



Manual Side Screen




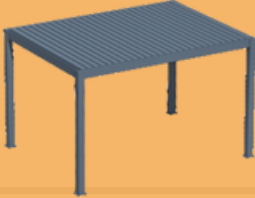


Liner Strip LED Lights



Motorized Side Screen







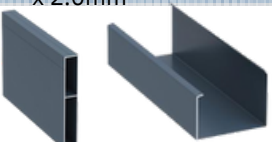
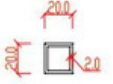
Aluminium Fencing

Product Picture	Product Size (m)	Packing Information (mm) /set						Remark
		CTN NO.	L	W	H	G.W	CBM	
	2.863x2.863x2.5m	1/4	2864	315	23	40.17	0.21	Gutter + Blade
		2/4	2861	351	6	43.97	3	Blade
		3/4	2861	351	23	40.05	0.23	Blade
		4/4	2774	274	3	52.04	4	Post + Accessories Box
	2.863x4.000x2.5m	1/4	4001	315	23	48.47	0.23	Gutter + Blade
		2/4	2861	351	3	61.11	4	Blade
		3/4	2861	351	28	57.19	0.21	Blade
		4/4	2774	274	4	42.04	6	Post + Accessories Box
		1/5	2864	315	23	32.68	0.29	Gutter
	2.863x5.606x2.5m	2/5	2825	351	6	68.25	7	Gutter + Blade
		3/5	2861	351	30	68.22	0.30	Blade
		4/5	2861	351	4	68.22	5	Blade
		5/5	2774	274	30	73.16	0.30	Post + Accessories Box
		1/6	4001	315	4	46.06	5	Gutter
		2/6	2825	351	28	68.25	0.21	Gutter + Blade
	4.000x5.606x2.5m	3/6	2861	351	4	68.22	6	Blade
		4/6	2861	351	23	68.22	0.21	Blade
		5/6	2861	351	6	68.22	3	Post + Accessories Box
		6/6	2774	274	34	73.16	0.34	Blade
					6		3	Blade
					30		0.30	Blade
					7		8	
					30		0.30	
					7		8	
					40		0.30	
					3		6	
					23		0.29	



Comparisons Between 3 Ranges



Model		PERGO-Y	PERGO-M8	PERGO-T500
Data				
Blade	Type	Flat Blade	Flat Blade	Aerofoil Blade
	Specification	158 x 33 x 1.3mm	190 x 40 x 1.6/1.7mm	202 x 50 x 2.0mm
	Reference			
Post	Specification	120 x 120 x 1.6mm	150 x 150 x 2.0mm	127 x 127 x 2.0mm
	Reference			
Beam & Gutter	Specification	175 x 93 x 1.5mm	200 x 123 x 3.0mm	230 x 39.2 x 2.5mm & 120 x 85 x 2.0mm
	Reference			
Control Rod	Specification	20 x 20 x 2.0mm	20 x 20 x 2.0mm	35 x 8.6 x 2.0mm
	Reference	Square Tube 	Square Tube 	L Bar 
Maximum Dimensions with 4 Posts		Width 3m x Projection 4m	Width 4m x Projection 6m	Width 4.5m x Projection 6m
Surface Treatment		AkzoNobel Brand w/ 7 Yrs Warranty	AkzoNobel Brand w/ 10 Yrs Warrant	Domestic Brand w/ 7 Yrs Warrant
Operation	Motorized	✓	✓	✓
	Manual	x	Available soon	✓
Color Options		RAL9016 Traffic White, RAL7016 Anthracite Grey	RAL9016 Traffic White, RAL7016 Anthracite Grey, RAL9005 Jet Black	RAL9016 Traffic White, RAL7016 Anthracite Grey
Waterproof	Brand	HZ	HZ	HZ
	Motor Voltage	110V~220V	110V~220V	110V~220V
	Protection Level	IP67	IP67	IP67
Max Sqm For 1 Motor Controlling		16 m ²	32 m ²	40 m ²



Comparisons Between 3 Ranges



Data \ Model		PERGO-Y	PERGO-M8	PERGO-T500
Remote Control		Radio Frequency	Radio Frequency	Radio Frequency
Design Configuration	Freestanding	✓	✓	✓
	Freestanding & Wall mounted	✓	✓	✓
	Fit into Existing Structure	✗	✗	✓
Beam For Fan		✗	✓	✓
LED Strip Light (standard supply)	Color	Single Warm / Cold White Light	Dual Colours: White and Yellow, Dimmable	3000K Warm White 6000K Cold White
	Position	Outer Gutter Perimeter	Louver Blade	Louver Blade
RGB Light Strip or Blue Light Strip or Single Warm White light Strip	Adds-on	RGBW	✗	RGB Light Strip
	Position	Outer Gutter Perimeter	✗	Louver Blade
Wind Resistant (estimated)		150km/h	160km/h ~ 210km/h	160km/h ~ 200km/h
Snow Loading (estimated)		30cm~50cm THK	36cm~80cm THK	40cm-60cm THK
Warranty (Electrical Components)		3 Yrs	3 Yrs	3 Yrs
Limits and Acceptance on the Sizes		Accept only standard sizes from the catalogue	Accept standard sizes and bespoke sizes in between the standard ones	No limits, any bespoke sizes are workable



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