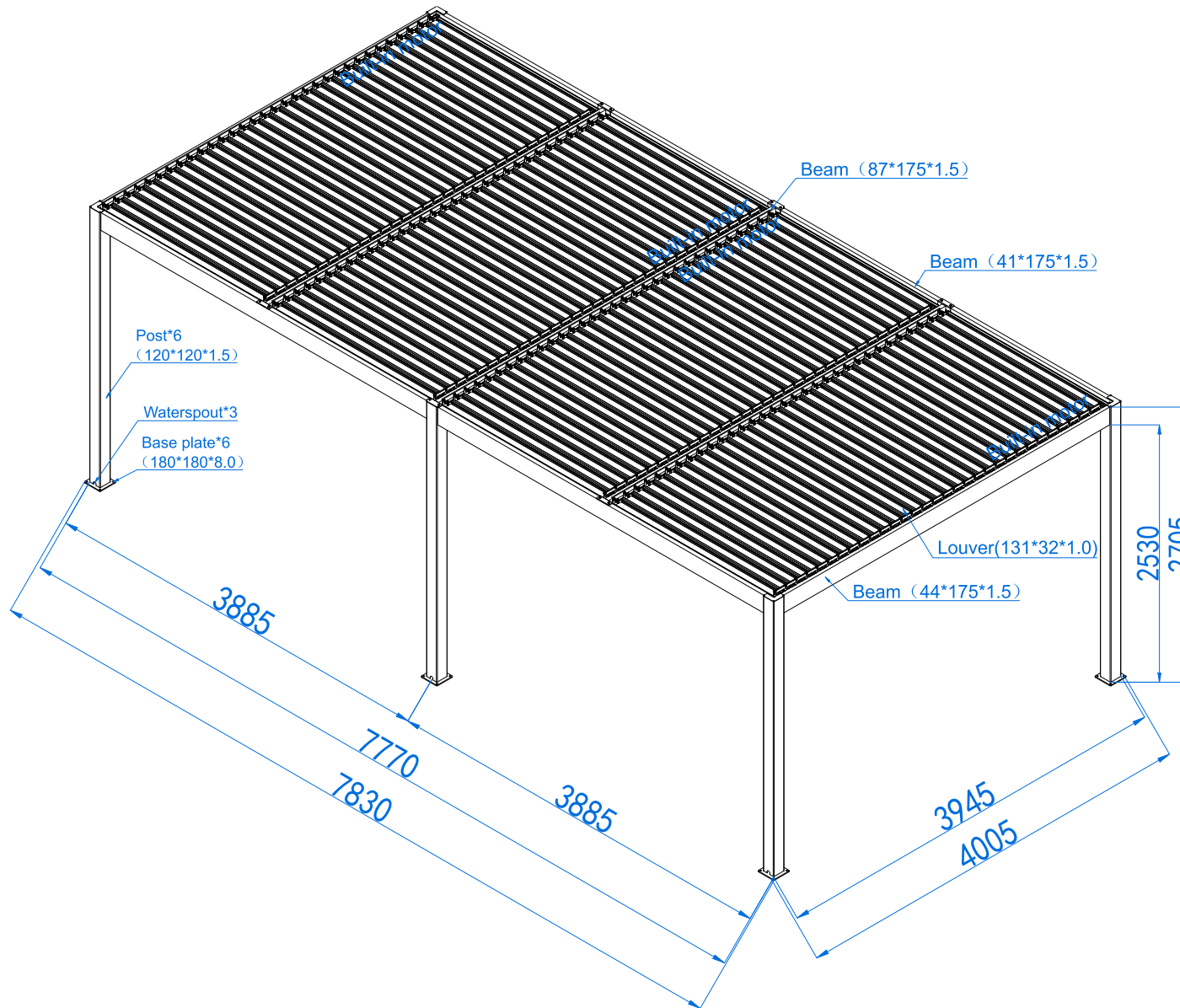


Vortex Pergola™ 4800 Model



VXPTSAUNZ4800040225

Vortex Pergola™ 4800 Model



Title: 4800

Louvre Operation: Motor x 4.

Control Method: Remote and Post Mount.

Colour: Traffic White RAL 9016
Anthracite Grey RAL 7016

Lighting: LED Strip.

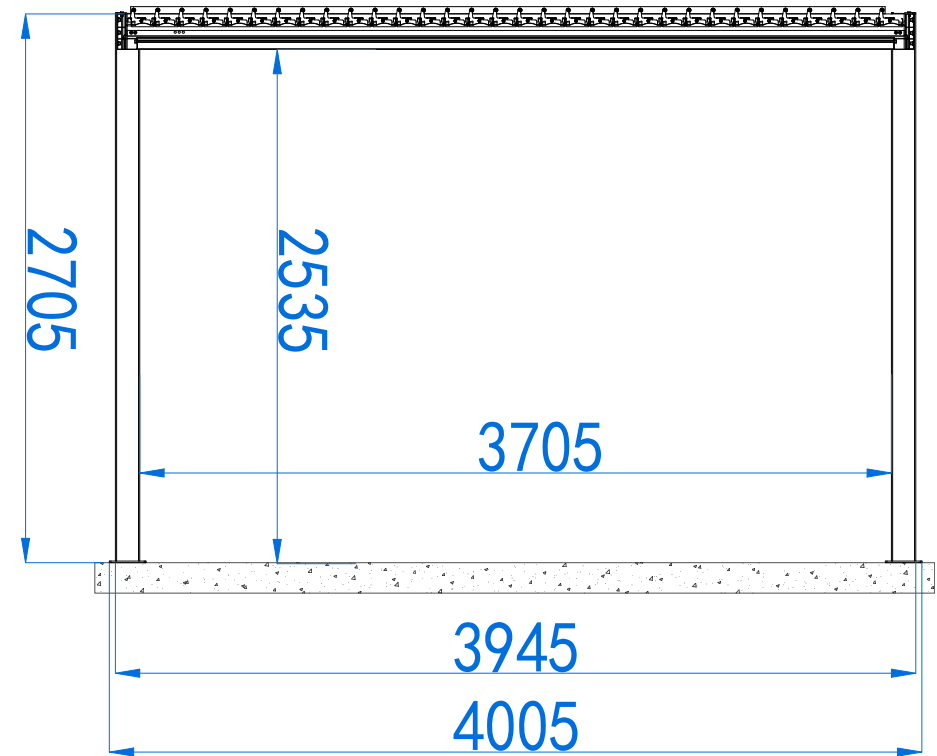
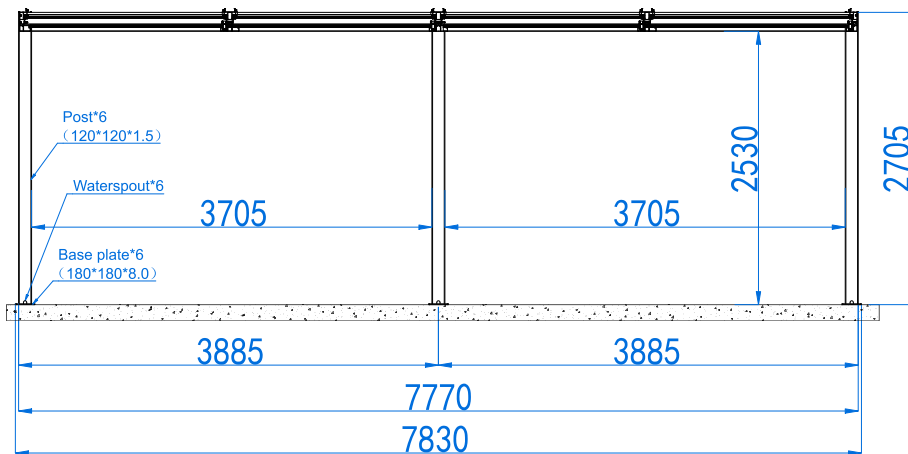
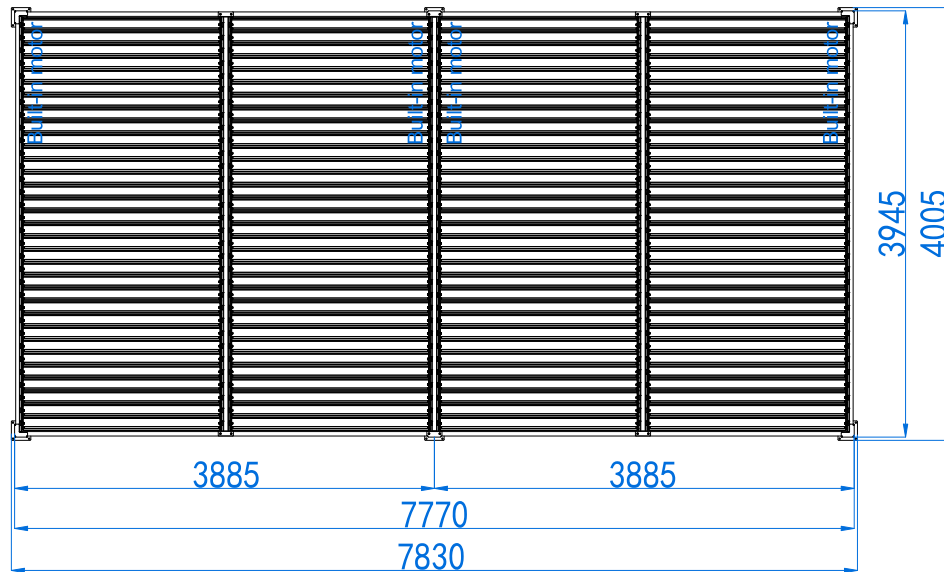
Power Requirements: 10 Amp circuit.

Materials: Powder Coated Aluminium
Heavy duty 316 Stainless steel

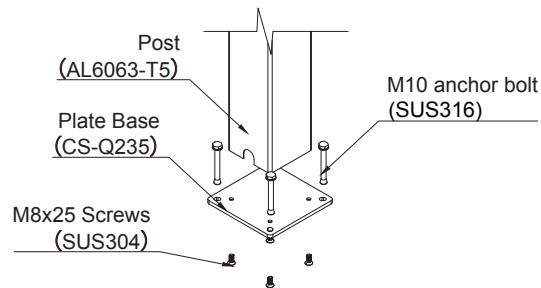
Recommended Foundation: Concrete *
* Check with your local council

This pergola is intended as a semi-permanent structure - Please contact your local council for semi-permanent structure approval requirements.

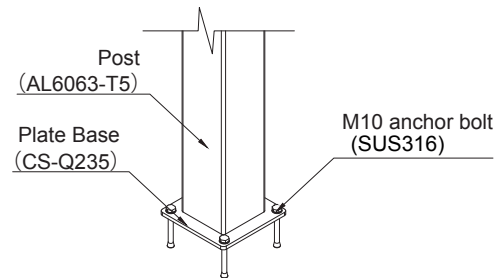
Vortex Pergola™ 4800 Model



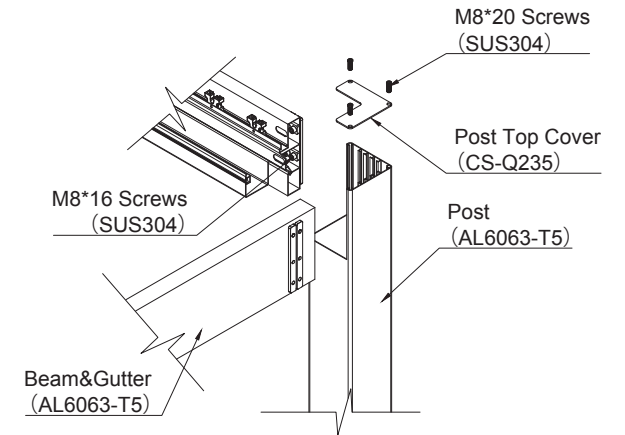
Vortex Pergola™ 4800 Model



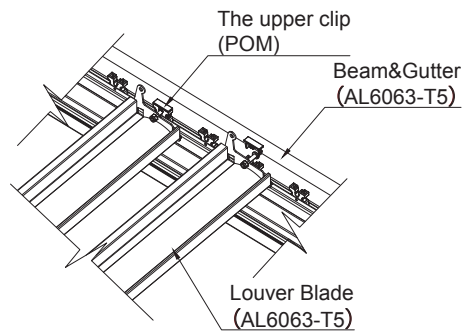
1
5 Connection of Post and Plate base



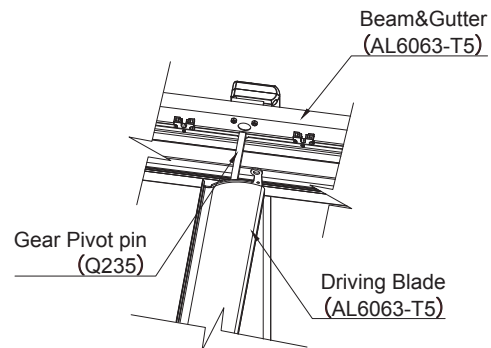
2
5 The connection between the base and the ground



3
5 Connection of Post and Beam

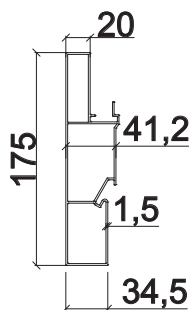


4
5 Connection of blade and beam

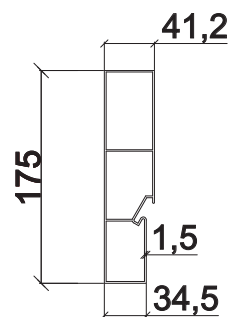


5
5 Connection of blade and Crank Mechanism

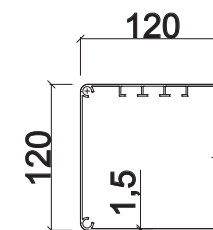
Vortex Pergola™ 4800 Model



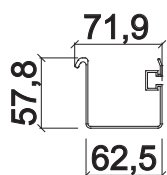
Main beam



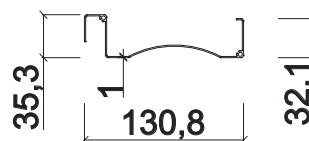
Side beam



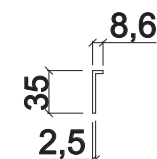
Corner post



Gutter

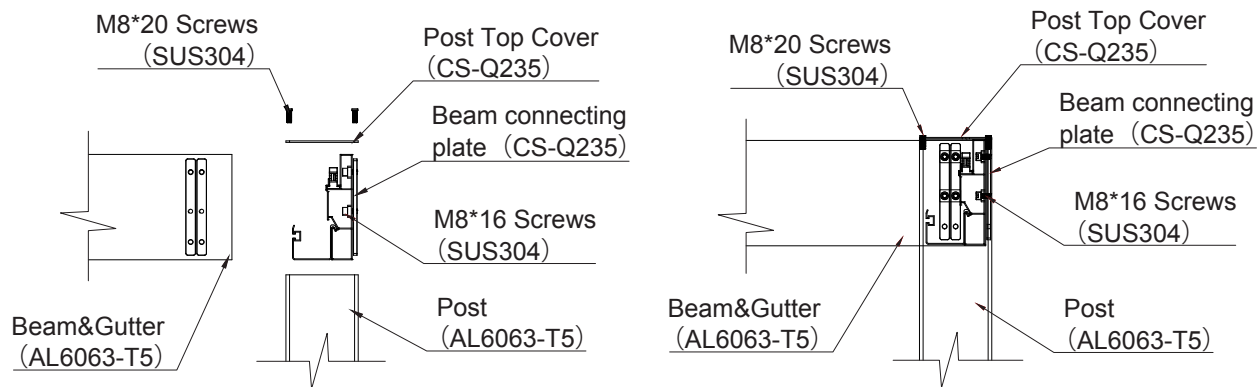
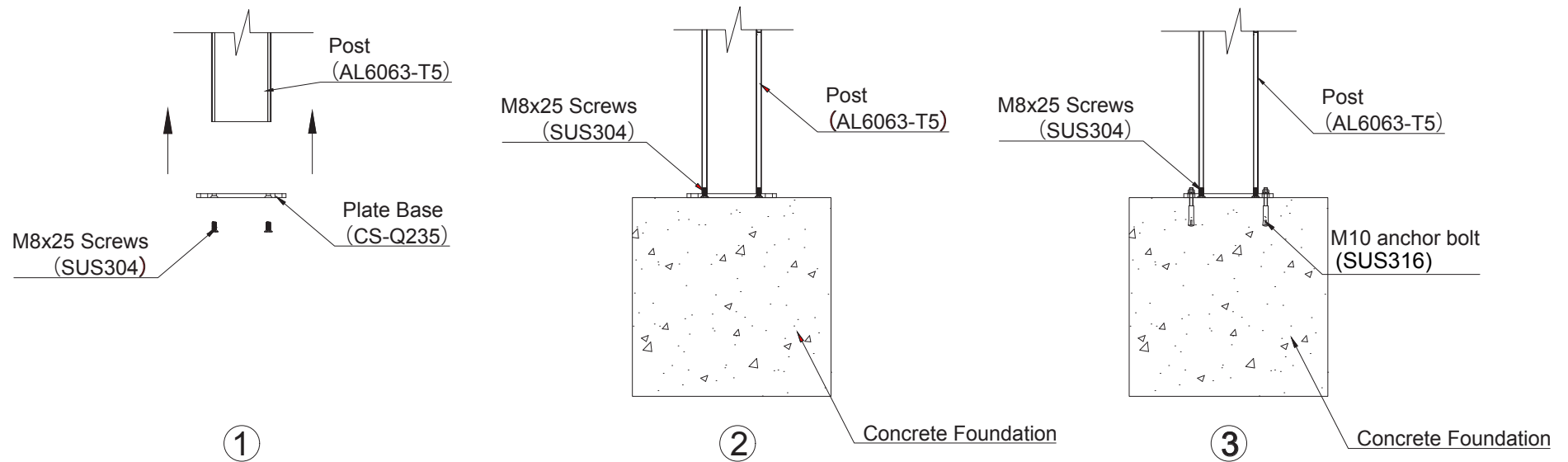


Blade



Control rod

Vortex Pergola™ 4800 Model



Vortex Pergola™ 4800 Packaging Info.



Crated - All cartons are delivered in one crate. Hiab is required.

Crate Dimensions (mm)			Crate Total weight incl package (kgs)	Internal Carton Dimensions (mm)				Carton weight (kgs)	Description
Length	Width	Height		Length	Weight	Height	Carton Qty		
4000	1100	1100	634	4010	310	230	1	65	Beam/Gutter/Control Rod/Motor
				4010	310	230	1	41	Beam
				3950	280	310	1	81	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				1990	360	420	1	32	Louvre Blade
				2970	370	280	1	58	Post/Accessories
				2770	300	160	1	17	Post
Optional Pergola Privacy Blinds Packaging				220	2790	270	1	31.7	Guided Zip Track Blind
				220	3840	140	1	40.6	Guided Zip Track Blind

The included anchors are for the standard concrete foundation design detailed in this document and certified by independent Engineers. Any other foundation type, including a wood deck, will require you to seek advice from an Engineer, which will stipulate the fasteners that are required.

Vortex Pergola™ 4800 Model



Crate Packaging FAQs

How will the Pergola crate be removed from the delivery truck?

The crate will be removed from the delivery truck using a HiAb crane to safely lift the large crate off the truck.

Will the delivery team place the Pergola crate in my backyard?

The delivery team will transport the crate to the kerbside or driveway as long as it can be safely reached using the HiAb crane.

Where will the delivery team place the Pergola crate?

The delivery team will safely place the crate at the roadside or your driveway using a HiAb crane.

Will the delivery team remove the Pergola packaging?

We do not offer a packaging disposal service and you will be responsible for removing any packaging material.

How do I dispose of the Pergola packaging?

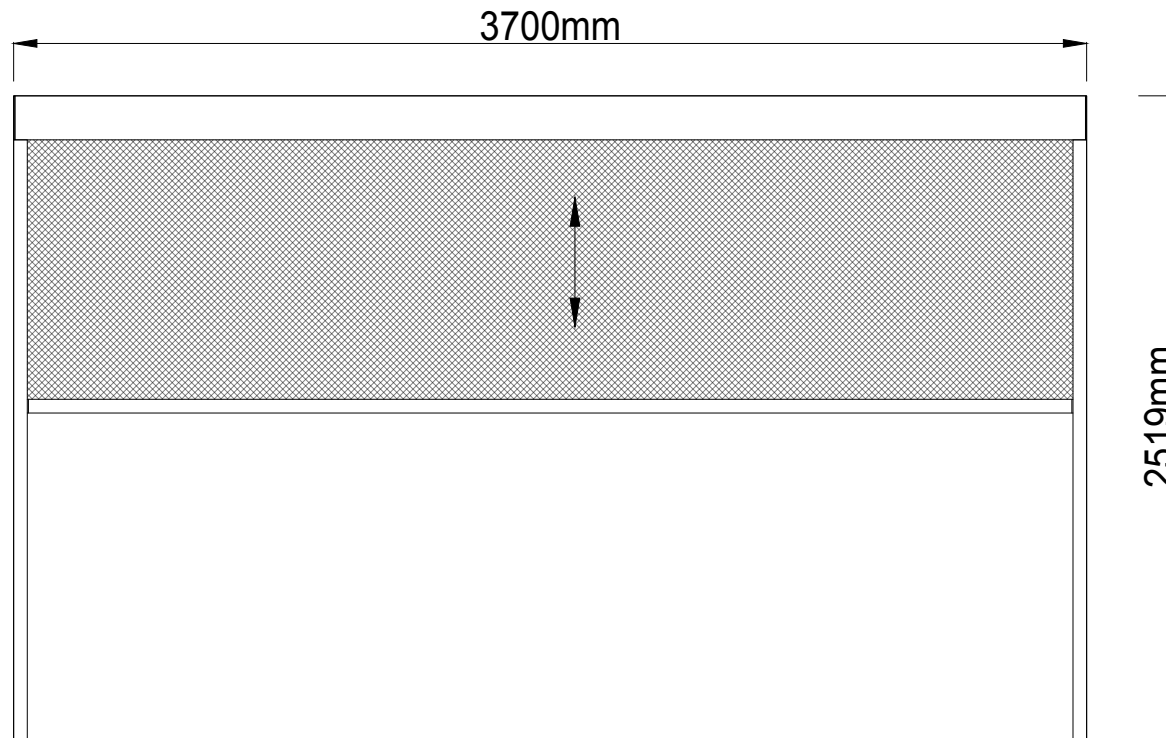
To dispose of the packaging, we suggest breaking it down into smaller parts and loading them onto a Ute or into a trailer. Alternatively, you can consider hiring a service to pick up the packaging from your location.

What size of vehicle do I need if I want to pick up the pergola myself?

The size of the vehicle you would need for a self pick-up will depend on the crate packaging, dimensions, and weight of the pergola. Vortex™ Pergolas come in various sizes, so it is important to know the specific dimensions of the one you want to pick up. Once you have the dimensions, you can then determine the appropriate size of the vehicle, such as a pick-up truck or a larger van, that can accommodate the pergola without any overhang or safety concerns. Please refer to the packaging page earlier in this document for weights and dimensions.

Optional Pergola Privacy Blinds

Vortex Pergola™ 4800 Model



This pergola is intended as a semi-permanent structure - Please contact your local council for semi-permanent structure approval requirements.

NOTICE

Equipotential Bonding Compliance Obligation

This product is subject to Equipotential Bonding compliance in accordance with the Australian and New Zealand Standards (AS/NZS 3000: 2018 Electrical Installations) otherwise known as the Wiring Rules. If this product is installed within arms reach of a body of water including spa, swim spa or pool, then Equipotential Bonding **MUST** be performed by a licensed electrical person prior to the product being used. This is a mandatory requirement. As the purchaser of this product, you are responsible for ensuring compliance with this requirement at your own expense.

Drainage around your pergola

In most cases, you will need to install drainage around your pergola or gazebo if the roof is fully closed or can be closed. We always recommend checking local council regulations before you purchase or install a pergola.

- Your council may require you to install drainage around a pergola with fully closing louvres to catch the rainwater that flows across the louvres and down through the posts.
- Your council may also require water to be redirected to the household stormwater system, such as the downpipe system from your house.

Depending on your local regulations, you may not be allowed to let the water come out of the water spouts at the bottom of the pergola posts and onto the ground without drainage to catch and redirect it to the household stormwater system.

If you are installing your spa on an existing or new pad, you should consult with a building certifier before any installation to determine the requirements.

Foundations

Pavers are generally not suitable for supporting pergolas. To ensure structural integrity and long-term success, pergolas must be secured to a concrete slab with a minimum thickness of 100mm. If a concrete slab is not feasible, substantial footings are required, with depths reaching up to 2000mm and diameters of 450mm per post, depending on the size of the pergola and the type of soil. Understanding these requirements during the qualifying stage is crucial for proper installation and durability.

Vortex Pergola™ 4800 Model



Frequently Asked Questions

This section is designed to provide a simplified overview of current regulations in reference to Vortex Pergolas™. It is not state specific and therefore is not a complete guide.

We advise you to seek independent advice for your individual site requirements.

Do I need a building permit for my Vortex™ Pergola in New Zealand?

In New Zealand, Vortex™ Pergolas that are under 30m² in size do not require approval from the council. This means that Vortex Pergola™ 4800 and 4800M™ are the only models that require building permits as they exceeded the threshold of 30 square meters (m²) in area.

Can I install my Pergola onto a deck?

Yes, however, the engineering that has been done is based on a concrete footing. If you wish to put the pergola on a deck, you must have the foundation certified by an engineer.

Do I need engineering for my pergola?

Spa World provides engineering documents on the following pages. The engineering is based on standard concrete foundations. Any variation from the standard foundation will require re-engineered certification.

Do I need an Electrician for the installation of my Pergola?

Yes, a licenced electrician is required to hardwire the electrical supply to the motorised pergola. The cable can be hidden by running it through the posts for a tidy finish.

How Many motors are on the Vortex pergolas?

3300 = 1
3400 = 1
4600 = 2
4800 = 4

How long does it take to install a pergola?

Each installation will vary based on many factors including, location, foundations, workers availability and experience etc. As a guide, a pergola can take 4-6 hours with 3 people.

How far do the louvres open?

Roughly 90°.

Do Vortex Pergolas have a wind rating/classification?

Yes, you can find that on the following pages.

What grade of aluminium is used in the Vortex Pergolas?

6063-T5. (Detailed information available in the following pages).

Are the pergolas available in a lower height model?

Unfortunately, we cannot provide custom sizes.

Am I able to attach the pergola to an existing structure, such as a house?

We recommend that you discuss this option with your builder/engineer.

Can we have changing colours in the LED Lighting?

Unfortunately, we are unable to offer this at this stage.

Do the Louvre's automatically close when it rains?

The louvres do not automatically close when it rains.

Does Spa World offer an installation service for Pergolas?

Unfortunately, Spa World is unable to offer an installation service. Please talk with your sales consultant and they can provide installation contractor options.

How do I get the pergola from the curbside delivery point to the final location?

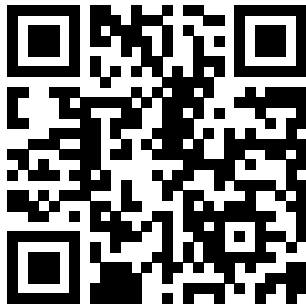
We suggested to unpackaged the individual cartons and transport them to the final place. Note, the weight of each carton from this sheet. Use the correct number of people and safe lifting practices.

Vortex Pergola™ 4800 Model

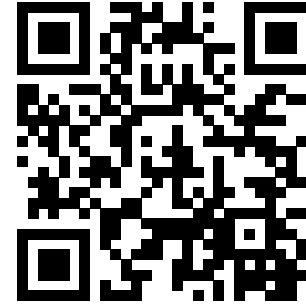


Structural Certificate and Warranty

Please click or scan the QR codes below to access the Vortex Pergola™ 4800 specific information.



Vortex Pergola™ 4800
Structural Certificate



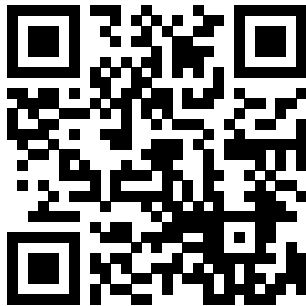
304 to 316 Stainless Steel
Anchor Bolt
Engineer Notice

Vortex Pergola™ 4800 Model

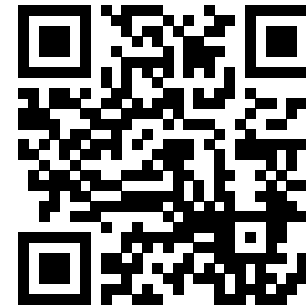


Installation Guide

Please click or scan the QR code below to access more detailed information about the installation of your Vortex Pergola™ 4800.



Vortex Pergolas™
Installation Guide



Vortex Pergola™
Warranty



VortexTM
Pergolas