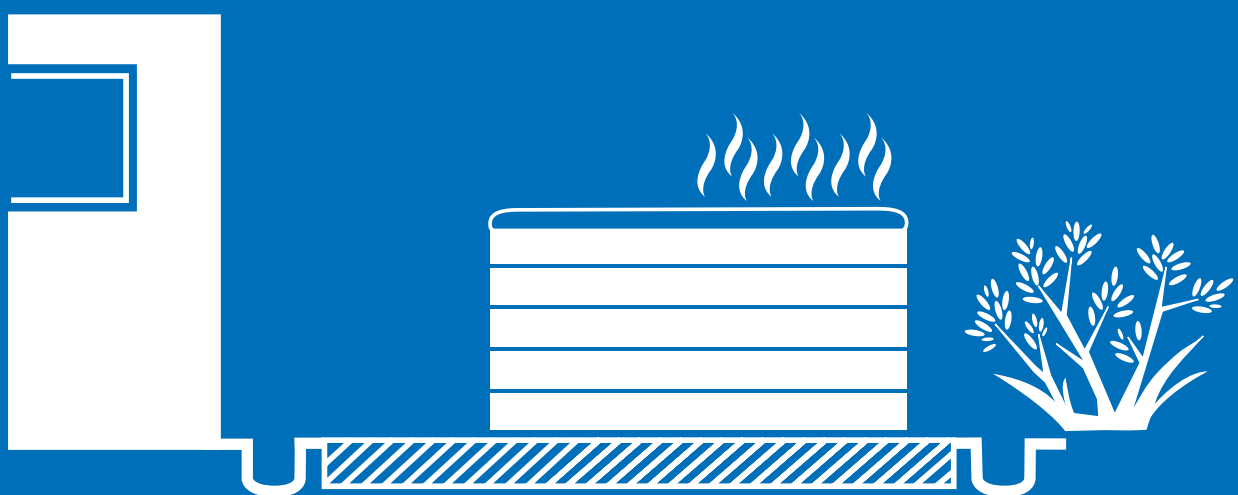




PRE-DELIVERY GUIDE

SPA POOL





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Delivery

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Overview

A Spa Pool delivery is not your basic 'no signature required' courier delivery, it's a delicate and exciting operation. Although these large and heavy objects present some challenges, there's rarely a location we can't get a spa into.

We have years of experience having delivered thousands of spa pools in Australasia. You could say we are the spa pool delivery experts.

Delivery Options

At Alpine Spas we provide you a range of delivery options to suit your needs. Please discuss and confirm all delivery options with your sales consultant.

SERVICE	TYPE	NATIONWIDE	SYD, MEL, ADL & BNE	General Installation
Warehouse	Collection from Depot	Available	Available	Not Included
Gold	Delivery into Position	Contact us	Available	Not Included
HIAB	Delivery into Position	Contact us	Available	Not Included

^Complex deliveries can incur a fee.

Warehouse - Collection

Your Spa Pool can be collected from our warehouses located in Sydney & Melbourne. All that is required is a trailer and strops to secure it. Forklift assistance is provided to load the Spa Pool onto your trailer.

Please ensure your trailer/vehicle is large enough for the spa pallet to fully sit on the tray. The warehouse teams do reserve the right to refuse to load the product where it is deemed to be unsafe.

Gold - Delivery into Position

Your Spa Pool will be delivered into the desired final position by use of a specialised manpower team. We ask for some clear instructions and sometimes photos to ensure a smooth delivery. For more difficult sites we have access to specialist equipment including HIAB/cranes. Our sales team will be able to advise of pricing. Setup/installation not included - see 'SETUP' section below.

Note: If extra manpower or crane reach required (Nationwide), this will be additional, please ask for pricing. Please note: packaging is not taken away.

Preparing for Delivery

Prior to delivery our teams will be in touch to confirm site access to your property to ensure the successful placement of your spa. When the delivery team contacts you to book your delivery it is essential to mention any obstacles that could make the delivery challenging, such as tight corners, narrow entries, or stairs. Failing to provide accurate information about the location and causing complications during the delivery may result in additional fees, including redelivery and the cost of any additional resources to get the spa into position.

If your property requires work to be carried out to allow access for the delivery of your spa (i.e. removing plants, clearing debris etc), it is important to complete this work prior to delivery.

Setup

Electrical Setup:

Your Spa Pool requires an electrician to install the appropriate required components to get it powered safely. Some models include cable and plug while larger models require cable and hardwiring. We cannot provide this service as we are not licensed electricians but we may have recommendations in your area. Please discuss your electrical requirements with your sales consultant. See page 12 for requirements by model.

General Installation:

Setting up a Spa Pool is not as complicated as you may first think. It mostly consists of removal of packaging, assembly of accessories and filling with water. The steps (if included) simply piece together in seconds. The cover just needs unwrapping and placing on top of the Spa Pool with the clips then screwed into the side. After you have filled with a hose, pop in the filters. Then as long as you are wired up safely, you are good to go. Take a look at the simple checklist below:

- ☐ Remove packaging
- ☐ Piece together steps (if included)
- ☐ Place cover on spa
- ☐ Attach cover clips
- ☐ Fill with hose
- ☐ Install filters
- ☐ Switch on
- ☐ Run cable conduit/install grommet

Additional accessories such as cover lifters and towel rails will also require installation (basic powertools may be required). Easy instructions are included.

Choosing an Area

.....

Factors to Consider

To maximise the enjoyment of your Spa Pool, its location should be carefully thought out. Consider the following points:

- Do you have a view that you wish to look over while relaxing in your Spa Pool? Are there any seats you want facing in a specific direction?
- Is the area sheltered from strong winds?
- Are there potential privacy issues with neighbouring properties?
- What is the distance from the changing area to your spa pool for getting in and out on those colder nights?
- Are there any other features you wish to incorporate to enhance your Spa Pool experience such as decking or a gazebo?
- Does positioning allow easy accessibility to the external drain valve and panels? Carefully read through the access requirements on the following page. Electrical access and requirements may impact location.
- Are you wanting to add decking or lower your spa pool slightly into the ground? See page 10 for details.
- Ensure your spa is installed in accordance with your local regulatory bodies requirements. This includes any signage, fencing/barrier requirements and associated permits & registrations.

Access

It is the owners responsibility to ensure there is access to your Spa Pool and it's components. See below requirements.

Electrical Access

The electrical requirements of your Spa Pool may have an impact as to where you choose to position it. A 15A Spa Pool requires a 15A cable (see inclusions page 12) a 15A outdoor socket and RCD to be installed. A 25A+ Spa Pool requires hardwiring of cable back to the switch board accompanied by RCD and isolation switch. The access of electrical supply to the Spa Pool will need to be considered when choosing an area. See page 11 for more detail regarding electrical requirements.

Service Access

Your Spa Pool also needs to be positioned so that all of the internal components are easily accessible. Although most of the core equipment (controller, heater etc.) is usually located on the 'front side', access to ALL panels is still a requirement.

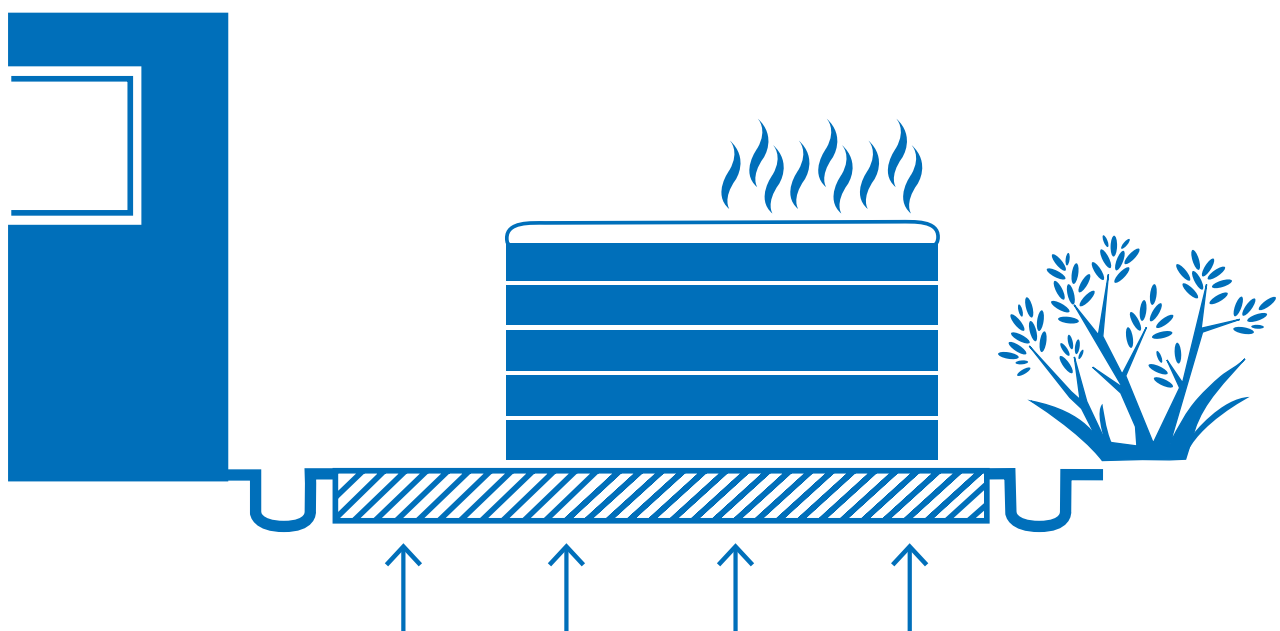
Please allow 600mm of clearance around the perimeter of your Spa Pool so that all four sides/cabinets can be accessed. If this is not achievable in your setup, you will need to be prepared to move your Spa Pool into a position where it can be serviced.

Drainage

Overflow of water from the Spa Pool is likely, especially when overloaded with people or if kids are splashing about. Drainage may need to be considered to prevent water from pooling as flooding issues are not covered by warranty.

We recommend incorporating drainage channels into your foundation to direct water away from the Spa Pool. As an extreme precaution, covered gravel trenches around the perimeter could also be implemented.

Your Spa Pool will need to be manually drained every 3-4 months via an external drain valve to which a hose can attach.



Measurements

Spa Pools

Refer to the below table for the unpackaged measurements of your Spa Pool. Use these as a reference when planning your foundation.

For packaged dimensions add 20mm to width & length, and 100mm to the height to account for the wooden pallet.



Model Name	Width** (mm)	Length** (mm)	Height** (mm)	Dry (kg)*	Filled (kg)*
Duo	1000	2130	760	170	450
Fuji	2000	1500	760	210	910
Colorado	1900	1900	830	280	1230
Nepal	2000	1500	790	240	1000
Tibet	2130	1600	860	265	1195
Nordic	1980	1980	830	270	1370
Aspen	1980	1980	830	280	1410
Oregon	1980	1980	770	265	1185
Belmont	1980	1980	780	270	1220
Blackburn	2000	2000	860	310	1210
Yukon	2030		900	280	1350
Vermont	2000	2000	860	305	1410
Nevada	2130	1600	870	320	1080
Matterhorn	2130	2130	880	325	1705
Lucania	2030		900	300	1380
Quebec	2030		900	310	1380
Sierra	2120	2120	880	380	1750
Vancouver	2190	2190	900	360	1800
Munro	2270	2270	900	385	1825
Entertainer	3000	2280	1000	620	2985

*Approx weights

** Allow tolerance of +/- 1cm

For aprox Spa Pool Litres, subtract dry weight from filled weight.

Model Name	Width** (mm)	Length** (mm)	Height** (mm)	Dry (kg)*	Filled (kg)*
Malibu	2050	2050	810	230	1130
Barbados	2080	2080	810	220	1120

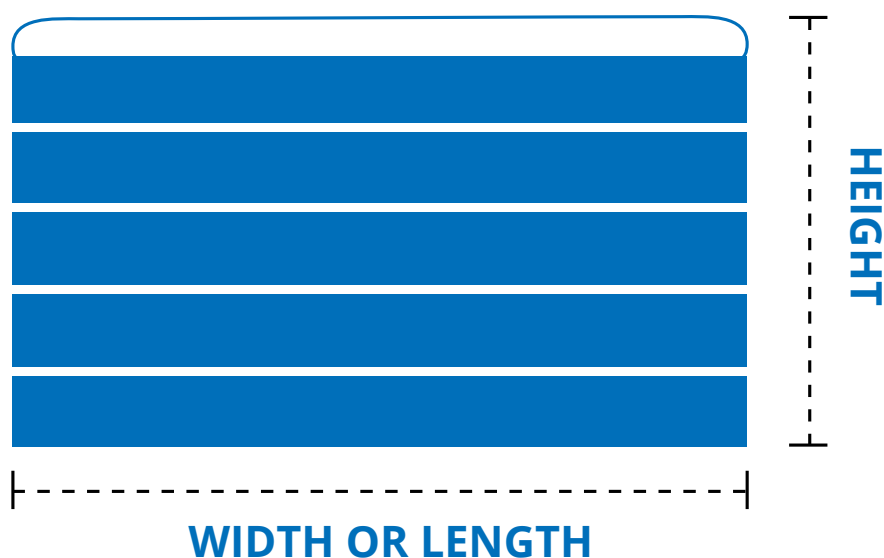
*Approx weights
 ** Allow tolerance of +/- 1cm

ALPINE ELITE	Model Name	Width** (mm)	Length** (mm)	Height** (mm)	Dry (kg)*	Filled (kg)*
	Calgary	1600	2120	860	360	1160
	Montreal	1970	2280	870	445	1745
	Kingston	2280	2280	900	480	1800
	Edmonton	2280	2280	900	480	1800
	Alberta	2360	2360	900	540	2220

*Approx weights
 ** Allow tolerance of +/- 1cm

MASTER SPAS	Model Name	Width** (mm)	Length** (mm)	Height** (mm)	Dry (kg)*	Filled (kg)*
	Phoenix	2140	1780	870	327	1387
	Honolulu	2140	2140	920	370	1850
	Florida	2390	2390	920	399	2349
	California	2390	2390	920	408	2168
	Houston	2390	2750	970	551	2879

*Approx weights
 ** Allow tolerance of +/- 1cm



For aprox Spa Pool Litres, subtract dry weight from filled weight.

Positioning

Foundation & Base

A Spa Pool can weigh between 1-3 tonne when filled with water and therefore requires a sturdy foundation. This needs to be a flat, level surface that supports the entire weight and can handle water spillage.

The Ideal surface is a concrete pad with a minimum depth of 100mm and is sized to the width and length of your desired Spa Pool.

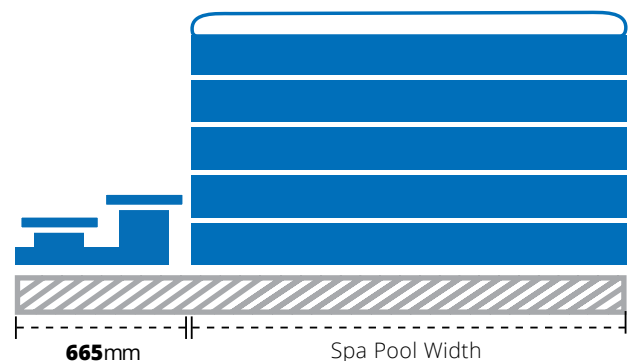
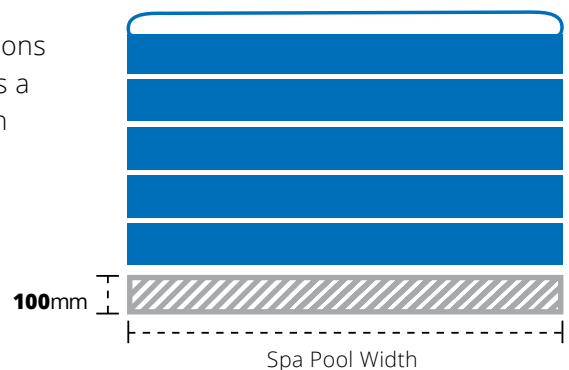
WARNING: We recommend reinforced decking, concrete pad or pavers with a reinforced base laid to ensure the Spa is supported for the duration of its lifespan. Any other surfaces need to be guaranteed by your contractor to support the weight, water spillage and remain level over the Spa's lifespan. A Spa Pool cannot be placed on grass, shingle or uneven surfaces. Such foundations may void warranty. An uneven/ sloped surface is defined as a change in height of more than 20mm over a 1m distance in any area covered by the Spa Pool.

Steps

If included, a pair of steps should sit on the same level surface as the Spa Pool for safe access. Consider extra foundation to suit.

Steps are usually placed on the 'front side' of the Spa Pool but can be placed any side.

Our new two-tier steps measure:
600 x 665mm (W X D)



Heat Pump

Compatible with our Alpine Spa range, a SpaNet 5.5kW heat pump is an excellent accessory to add to your Spa Pool, especially the larger models with higher water volumes. Heat pumps heat your Spa Pool quickly and efficiently, saving money on power!

The heat pump measures:
960 x 320 x 615mm (L x W x H).

There is specific positioning and air-space requirements to adhere to if adding a heat pump.



Some models may require additional modification and plumbing which will be at the owner's cost. Please talk with your sales consultant for more info.

Cover Lifters

Cover lifters are helpful accessories which assist with the removal and replacement of your Spa Pool cover. We highly recommend adding a cover lifter to your Spa Pool as it allows the cover to be opened and shut with just one person. It also keeps the cover off the ground which protects it in the long run.

We have two options available - both perform the same function but operate in different ways to suit different size Spa Pool models.



***VX3 Cover Lifter
Installation Video***



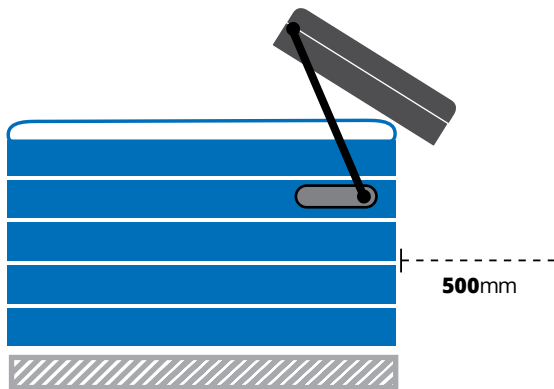
VX3 "Top Mount" Cover Lifter

This lifter mounts at the back of the spa pool, towards the top of the cabinet and suits most square/rectangle Spa Models. (Excluding Alpine EcoTubs & the Duo)

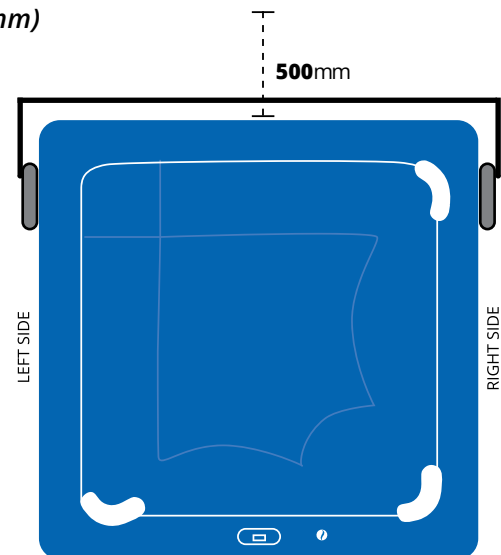
500mm of clearance is required for the lifter to operate.

150mm each side is required for the mounts.

(The VX3 cover lifter is not compatible with spas over 2300mm)



Side on View



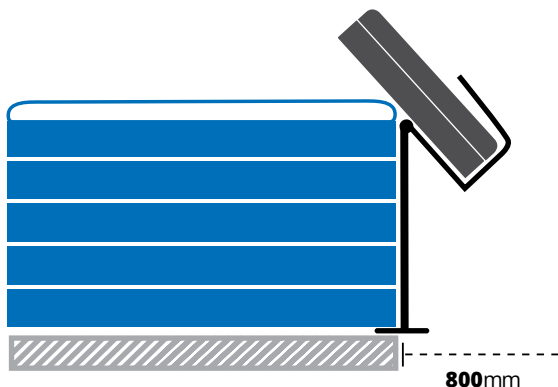
Birds Eye View

Cradle Cover Lifter

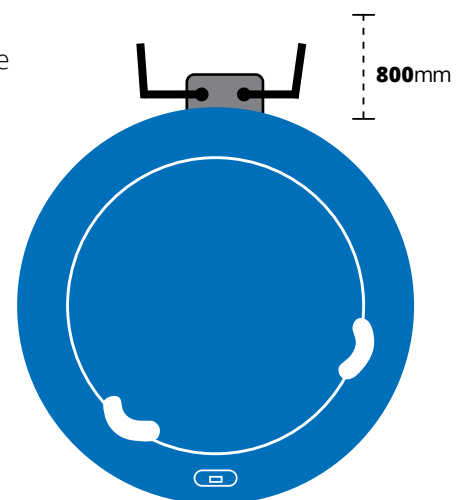
This lifter mounts behind (and under) the Spa Pool.

Recommended for circular models, the Duo, Alpine EcoTub range and models over 2300mm.

800mm of clearance is required for the lifter to operate.



Side on View



Birds Eye View

Check and confirm which cover lifter is suitable for your Spa Pool of choice.
Certain models may not be compatible with these styles of cover lifters.

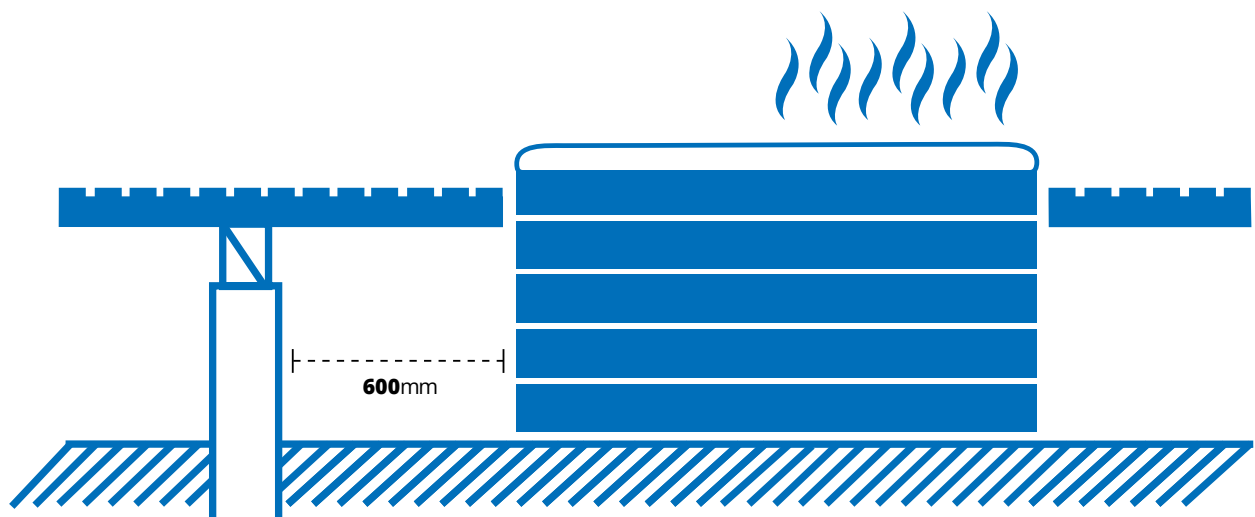
Enclosing the Spa Pool

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Factors to Consider

Whether you want to add decking around your Spa Pool, place one or more sides up against a wall or lower it partially into the ground there are important factors to consider when planning.

- Foundation requirements stay the same, however drainage may need to be reconsidered to avoid any pooling of water splashes.
- Access (as described on page 4) is required to the surrounding cabinet panels. Therefore removable decking pieces or canter-levering should be utilised. You may need to move your Spa Pool into a position from where it can be serviced.
- Covers clips are to be installed on the cabinet to keep the cover secure. How or where will these attach and be accessible?
- There is an external drainage valve located at the bottom of a cabinet panel. This will need to be accessible to drain your Spa Pool every 3-4 months.
- Would accessories such as a cover lifter be obstructed?



Walls

The perfect spot to position your Spa Pool may be up against a wall of your home or perhaps a fence. Please read through the 'Factors to Consider' on the previous page to check that none of these requirements will be impeded. You can work around having to allow access (page 4) on that particular side as long as you are prepared to move your Spa Pool away from the wall for servicing if it becomes required.

When drained and on a smooth foundation with clear space, pushing the spa pool away from a wall is achievable with 2-3 persons. Note that this would need to be carried out before any service persons arrived.

Decking

If you're planning on building a deck around your Spa Pool entirely or even just partially, the access requirements as per page 4 still apply.

If you plan to deck up to the acrylic edge as per the diagram, then cantilevering decking pieces is likely the best option to keep 600mm of perimeter clearance. One section of the deck would need to be removable to allow for access under the deck and to the spa. Please check the list of 'Factors to Consider' on the previous page to account for all variables.

Partial (only 1-2 sides) decking usually presents few issues, as long as the cabinet panels on those sides can still be removed properly.

Sinking

Installing a Spa Pool below ground requires considerable planning and expertise. We do not recommend lowering more than a quarter of the spa into the ground unless you can fully adhere to the access requirements outlined on pages 4 & 9.

The biggest issues with sinking a Spa Pool is access and drainage. You will need to incorporate a 600mm perimeter of space around the spa pool or be prepared to lift it out of the hole to be serviced.

We recommend against sinking the entire Spa Pool below ground however if it is still feasible to achieve this after considering the requirements we recommend consulting an expert landscaping team to undertake the job. We have documents available which roughly details the steps and what is required.

Please advise your sales consultant of any sinking or decking plans - we are here to help!

Electrical Installation

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A Spa Pool requires different electrical connections depending on their size and components. Please confirm your full electrical requirements with a licensed electrician.

We always recommend booking an electrician a day or so **after** the Spa Pool arrives.

A guide and diagram for wiring the Spa Pool is usually on the system controller panel but a copy can be found in the user manual or on our support downloads web page.

Installing a 10A Spa Pool

Our range of 10A Spa Pools can be plugged directly into an outdoor 10A electrical socket and use the same amount of power as a hair dryer, dishwasher or clothes dryer. A 10A socket is the most common socket you will find around your house. An RCD is required to protect the circuit, spa pool and most importantly the user.

It is strongly advised to have an electrician check over your desired power supply (10A plug) to make sure there is enough electrical supply to power the Spa Pool and anything else on the same circuit. This will help prevent overloading the power supply which can cause damage later down the track.

These models will include a 10A cable and plug which is 4.5m in length and comes pre-wired to the control system within the Spa Pool cabinet. See table on following page for list of models and requirements. Be sure to check with your sales consultant as to the location of the control system on your desired model.

Installing a 15A Spa Pool

A 15A Spa Pool requires an outdoor 15A electrical socket. An RCD should be installed to protect the circuit and spa pool.

Some models have a 15A cable & plug included which is 4.5m in length and is pre-wired into the control system within the Spa Pool cabinet. See table on following page for list of models and requirements. Be sure to check with your sales consultant as to the location of the control system on your desired model.

Installing a 25A+ Spa Pool

Our Spa Pool models that are 25A or higher require a dedicated electrical feed from your switchboard to the Spa Pool system controller. There is no cable included and an electrician must undertake this job to install all required components (cable, isolation switch, RCD etc.). Please confirm with them what is required.

Generally two visits are required for this setup. The first visit would be installing the cable and components from the switchboard to the Spa Pool area, and the second visit finishing the connection to your Spa Pool once it has arrived.

Load Shed

Most Spa Pool models have some form of load shedding applied by default so that the current being drawn is not an excessive load. Load shedding occurs on the heater when other components are switched on e.g. a 15A model will load shed the heater element when the main 3HP jet pump is run.

We recommend leaving the default load shed setup as is. However you can supply a larger electrical feed and switch it off. Bear in mind that switching off load shed on a 15A model (changing it to a 25A) would require a dedicated feed wired to your switchboard.

Please advise your sales consultant if you wish to disable load shed. All Spa Pools are shipped with the "Default Amp" setup and do not require changes to dipswitches.

Electrical Requirements by Model



ALPINE SPAS

Model Name	Default Amp (Recommend-ed)	High Amp No Load Shed	Cable & Plug	3 Phase Available
Duo	10A	25A	Included	No
Fuji	15A	25A	Included	No
Colorado	15A	25A	Included	No
Nepal	15A	25A	Included	No
Tibet	15A	25A	Included	No
Nordic	15A	25A	Included	No
Aspen	15A	25A	Included	No
Oregon	15A	25A	Included	No
Belmont	15A	25A	Included	No
Yukon	15A	25A	Included	No
Blackburn	15A	25A	Included	No
Vermont	15A	25A	Included	No
Nevada	15A	25A	Included	No
Matterhorn	15A	25A	Included	No
Lucania	15A	25A	Included	No
Quebec	15A	25A	Included	No
Sierra	25A	N/A	No - Requires Hardwire	No
Vancouver	25A	N/A	No - Requires Hardwire	No
Munro	25A	N/A	No - Requires Hardwire	No
Entertainer	32A	N/A	No - Requires Hardwire	Yes



Model Name	Default Amp (Recommended)	High Amp No Load Shed	Cable & Plug	3 Phase Available
Malibu	15A	25A	Included	No
Barbados	15A	25A	Included	No

The 15A cable comes pre-run out the bottom left of the front side. See the Alpine EcoTub Owners Manual for further details



ALPINE ELITE

Model Name	Default Amp (Recommended)	High Amp No Load Shed	Cable & Plug	3 Phase Available
Calgary	32A	45A	No - Requires Hardwire	Yes
Montreal	32A	45A	No - Requires Hardwire	Yes
Kingston	32A	45A	No - Requires Hardwire	Yes
Edmonton	32A	45A	No - Requires Hardwire	Yes
Alberta	32A	45A	No - Requires Hardwire	Yes



MASTER SPAS

Model Name	Default Amp (recommended)	High Amp No Load Shed	Cable & Plug	3 Phase Available
Phoenix	15A	25A	No - Requires Cable/plug	Yes
Honolulu	32A	N/A	No - Requires Hardwire	Yes
Florida	32A	N/A	No - Requires Hardwire	Yes
California	32A	N/A	No - Requires Hardwire	Yes
Houston	32A	N/A	No - Requires Hardwire	Yes

Positioning the Cable

Some thought needs to be given to the pathway your cable will take from the system controller within the Spa Pool to the connection point outside. As every customer's requirements are different there is no pre-cut exit hole in the cabinet for cable to pass through.

There are two options available for handling the cable pathway:

Cable through Cabinet

A 60mm grommet is provided with your Spa Pool that can be installed into the cabinet wall to allow a cable to be fed through. This requires the use of a 60mm hole-saw and glue to hold the grommet in place (Excludes Alpine EcoTub models, these come pre-run out the bottom left of the front side).

If your electrician is around at the time the spa arrives, you can request for them to drill a hole with a drill bit the same size as the cable and feed it through to achieve a tighter fit and avoid using the grommet altogether. For a 15A Spa Pool, the pre-attached cable would just need to be unwired first from the system controller, fed through the drilled hole and then rewired as the plug head will not fit through.

Cable through Base

To conceal the cable some customers opt to feed it up through the base of the Spa Pool instead of feeding through the cabinet. This option is usually for hardwiring as cable must be laid before the Spa Pool arrives. The cable also needs to be in conduit and built into the concrete foundation in the correct position!

When your Spa Pool is moved into position it must be lowered down carefully over the conduit 'stub' and have a hole drilled in the base at the same time. To achieve this, the particular corner needs to be propped up on a block, conduit fed up through base, and then gently lowered down over the stub while removing the block.

The following table lists confirmed "safe areas" where there is space inside the cabinet to bring the conduit through without hitting any components or pipes. Apply this measurement to your foundation using the dimensions of the spa pool and the safe space area provided.

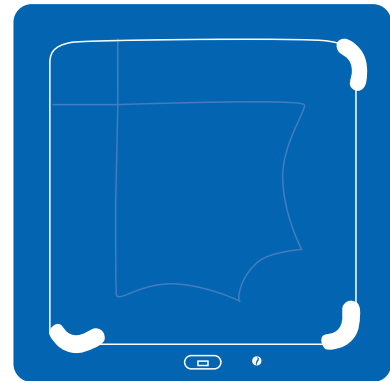
Safe Areas for Conduit



ALPINE SPAS	Model Name	Corner	Distance
	Duo	Front Left	200mm
	Fuji	Back Left	200mm
	Nepal	Back Left	200mm
	Tibet	Back Left	200mm
	Nordic	Back Left	200mm
	Aspen	Back Right	200mm
	Oregon	Front Left	200mm
	Belmont	Front Left	200mm
	Yukon	See Figure 1	450mm
	Blackburn	Back Left	200mm
	Vermont	Back Left	200mm
	Nevada	Back Left	200mm
	Matterhorn	Back Left	200mm
	Lucania	See Figure 1	450mm
	Quebec	See Figure 1	450mm
	Sierra	Back Right	200mm
	Vancouver	Back Right	200mm
	Munro	Back Right	200mm
	Entertainer	Front Right	200mm

Back Left

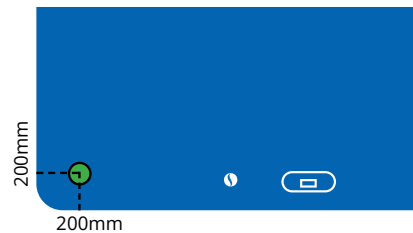
Back Right



Front Left

Front Right

Note: for reference, the side with the topside control panel is always considered the "front side" of the Spa Pool. The distance is the measurement from the corner to the "safe area".



*Belmont Example
(Zoomed front left corner)*



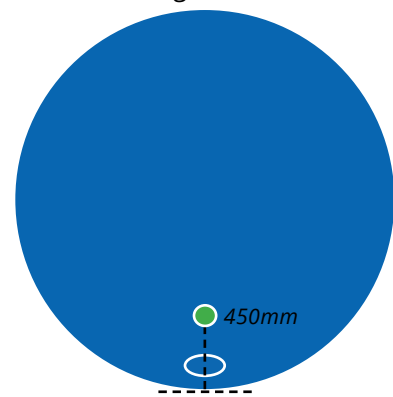
Model Name	Corner	Distance
Malibu	Front Left	240mm
Barbados	Front Left	240mm

Alpine EcoTubs have a pre-existing hole from the molding process which can be used to run conduit through. 15A cables comes pre-run out the bottom left of the front side.



ALPINE ELITE	Model Name	Corner	Distance
	Montreal	Front Left	200mm
	Edmonton	Back Left	200mm
	Kingston	Front Left	200mm
	Alberta	Back Right	200mm
	Calgary	Front Left	200mm

Figure 1



*Yukon, Lucania & Quebec
(Touch Panel)*



Please enquire for Master Spa safe area measurements.

Order Checklist

Below is a checklist with some important steps to guide you through your new spa pool purchase:

Order Details

Ensure your order details are correct. Please check the delivery address, contact phone numbers & email address are correct as well as the model & colour of the Spa Pool.

☐

Payments

Balance payments need to be settled a minimum of one week prior to dispatch date to provide opportunity to book in preferred freight/delivery method.

☐

Delivery Method

Are you fully aware of what is included in your chosen delivery option?

Manpower Delivery - Has Alpine Spas received a clear description/photos of your full delivery path?

Freight Provider Delivery (Depot) - Collection requires 2 business days notice (provided your spa is in stock).

**Failing to disclose all relevant delivery information may result in additional charges.*

☐

Spa Placement

If your delivery is within two weeks:

- Are the foundations complete?
- Have you determined the final placement and direction you want the Spa Pool facing?
- Do you have 600mm clearance around the Spa Pool's final position?
- Have you allowed room for your cover lifter (if purchased)?

☐

Installation

Upon delivery you will need to be prepared to:

- Remove and dispose of the packaging and pallet the Spa Pool is delivered on.
- Install accessories (cover lifter etc. if purchased) as these do not come attached. They do come with assembly instructions. You will need a drill, socket set, spanners and a measuring tape to complete installation.
- Fit the cover as it does not come attached. You will need a drill to attach the cover clips to the spa to enable you to lock cover on securely.
- Steps require simple assembly.
- Have the spa connected to an appropriate power source.

☐

Electricians & Wiring

Manpower - Electricians or Water Delivery teams should be booked for the day after delivery in the rare instances there are delays.

☐

Water Testing

All our Spa Pools are water tested. While they are completely drained, sometimes there can be a little bit of water left in the pipes which can come out during the freight process. This may mean there is a bit of water in the pool when it arrives.

☐

Sketch





www.alpinespas.com.au



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