



Swim Spas

pre delivery guide



GREAT NEWS ON YOUR NEW SPA PURCHASE.

Your Swim Spa is designed and manufactured with the finest components available and is engineered for comfort, low maintenance, and durability in mind.

This manual will help you to determine the best way to ensure your spa is installed correctly in your homes specific type of environment.

It is very important that you take time to read the entire pre delivery guide before scheduling delivery your spa. Within in this delivery guide there are important start-up guidelines and maintenance procedures as well as safety precautions that must be followed to ensure the prolonged life of your spa and the safety of the people using the swim spa.

PLEASE NOTE – We require images of the access to your property before booking in and confirming a delivery date.

Failure to follow start-up procedures may result in damage to your Swim Spa and void your warranty.

Please feel free to call Superior Spas Ltd if you have any further questions after reading this guide .

We hope you enjoy many years of fun and relaxation in your new Swim spa.

PRE DELIVERY REQUIREMENTS

Please use this guide to help you prepare for your new Swim Spa. There is also a frequently asked questions section at the end to hopefully clear up any final questions you may have.

IMPOTRANT – No deliveries shall be booked unless photos/videos of the property access has been sent. Provisional dates may be given but will not be confirmed until access photos/videos are sent.

Access photo's to be sent to –
info@superiorspas.co.uk

YOU WILL REQUIRE 12 BAGS OF ICE FOR DELIVERY DAY.

These will be used when lowering the Swim Spa down onto its base. The ice bags will be used as blocks to position the spa and in turn will allow the crane/HIAB straps to be safely removed.

WHERE TO POSITION YOUR SWIM SPA

Choose an area in your garden that will be suitable for you, remembering that you will be wearing bathing costumes, some privacy may be required, falling leaves may be a concern.

When finding the best location for your swim spa, think safety first: Never position a spa, swim spa, or any other type of pool near overhead cables or power lines.

Make sure that if the swim spa is to be positioned near a slope, dip, and trough or below ground level, there is adequate drainage for any ground water to run off.

Damage caused by flooding is not covered under warranty.

An area in front of your swim spa should be clear so that grass and debris are not transferred to the water.

Allow room for steps to be positioned on a flat base!!

THE PERFECT BASE...

An un-level base will certainly cause your spa to run inefficiently and cause major faults.

When creating your base remember it must be, flat, firm and very strong. Please take into consideration a weight of 2500kg plus will be placed here for a long period of time.



The most common and certainly the easiest method of installing a swim spa is to position the spa above ground.

You simply lay a concrete pad as described above and crane the swim spa onto it. You then have a choice of either using the removable steps for access, thereby potentially eliminating the need for fencing, or building decking up to the swim spa as seen to the right.

PLEASE NOTE – If you decide to position your spa in the ground/pit or with decking built around it, you will need a design plan to allow access to all side for maintenance and repairs. Access is required to ALL sides of the spa, any obstacle's blocking the access may result in rescheduling. Revisits may be chargeable.

Should the spa need to be removed using a crane/HIAB to obtain access, this will be chargeable to yourself.

Positioning the tub onto Wooden decking isn't always advisable.

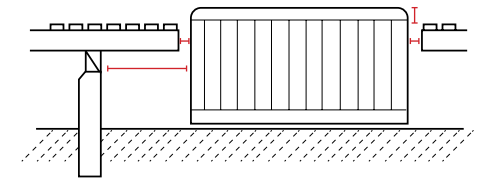
If you are building a deck around the swim spa, sinking it slightly, or placing it against a wall, ensure easy access is provided to the service panel.

This is almost always on the same side of the swim spa as the touch pad. You must ensure

that it is possible to access all sides of the swim spa for maintenance if required. At least 500mm is required on all sides.

Proper planning will enhance the enjoyment of your spa experience and protect your privacy. Do you need quick and easy access? If so, placing swim spas close to the house or changing room is ideal.

TIP - Do you have a view to admire from the swim spa? If so; consider how the swim spa can be best rotated so the seating faces the view without obstructing the service panel.



Swim spas should also be 200mm proud of the top of any deck to allow for the cover to be clipped to the side of the spa

Wherever you decide to position your swim spa, it is fundamental that a solid foundation be provided. Grass will not suitable. Please note: It is the responsibility of the customer to provide a suitable base that is flat, level and solid to prevent distortion from occurring. Any structural damage caused by improper base or base failure may invalidate manufacturer's warranty.

An ideal base would be concrete, a contracted builder would be able to tell you the thickness required by giving them the filled weights of the spas. However, existing patio slabs and block paving may be used but must be flat, level and on a satisfactory sub base i.e concrete base.

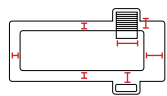
Please Note: Bases must be prepared in plenty of time prior to delivery, thus allowing time for the concrete, etc to fully cure.

SERVICE ACCESS

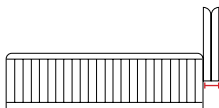
Access is required around the swim spa for any future maintenance, ideally 600mm. If this is not practical then the swim spa must be emptied of water and moved to allow access prior to any visits from Superior Spas. This would need to be done prior to any visits and chargeable to yourself and not Superior Spas.

When deciding on the final location of your Swim Spa, please take into consideration what accessories you have ordered for your spa. For example ...

- Have you allowed enough space to let your cover fall behind your spa when using your cover lifter?? The average cover lifter requires 50cm to drop the cover down the back
- Will other accessories for your spa fit down the side?
- Have you prepared the base to allow room for the steps to sit on?



Typical concrete pad layout



Access to the Desired Final Swim Spa Position...

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Please send documents to info@superiorspas.co.uk – using your order name and post code as the subject title.

You would need to send photos and or a video of your property from the front, driveway and rear of the garden, including the final position destination of the spa to ensure we can advise if the HIAB is suitable for your needs. 2

ACCESS PHOTOS

- Photo of Drive and house, showing side passage of access
- Photo of Side Passage
- Photo of Garden
- Photo of Final Position of Spa
- Video from Road to End position

DELIVERY - CRANES AND HIAB'S

YOU WILL REQUIRE 12 BAGS OF ICE FOR DELIVERY DAY.

These will be used when lowering the Swim Spa down onto its base. The ice bags will be used as blocks to position the spa and in turn will allow the crane/HIAB straps to be safely removed.

Due to the weight of your swim spa, it will be delivered using a 'Hiab' crane, mounted on the delivery truck, or a larger separate crane.

The maximum reach of our truck mounted 'Hiab' crane is no more than 7 metres but this will depend on where the swim spa is positioned in relation to the orientation of the truck. I.e. a Hiab crane may be able to place the swim spa 7m from the rear of the truck, but not necessarily off the side.

Bare in mind that trucks with Hiab cranes are usually quite large and so consideration needs to be made as to whether they will fit up a normal driveway.

Stand alone, truck mounted cranes will have a much larger reach – up to 44m. However these cranes are often very wide and very heavy with many not being able to drive on a domestic driveway. If they need to be positioned at the street, then often a traffic control plan will be required. It is very unlikely that a crane of this type will be able to operate from grass or 'off road', but some all-terrain cranes are available. You would need to contact a local crane company and they will come out and do a site survey.

Whilst Spas can often be lifted without spreader bars, this is at the discretion of the crane company. We insist that these are used for lifting swim spas.

It is the sole responsibility of the crane company to ensure that the spa is moved without damage, and it is your responsibility to ensure that they are suitably insured for any damage occurring to either your spa or property. Superior Spas Ltd or its employees are not responsible for any damage to persons or owners while the spa is in the air or while the crane is operating.

Please note that it is virtually impossible to move a swim spa by hand. Once in position, it is there to stay and so it is vital that it is placed in its final position whilst the crane or Hiab truck is on site.

In the instance where delivery cannot be made for any reason you will have the option to either;

1. Leave the spa positioned on your property until you can be rebooked in for delivery, or until a later date whereby you position the spa yourself
2. The spa can be returned to Superior Spas Ltd warehouse and rebooked in for delivery.

Please note that re-deliveries and revisits are billable to the end customer unless agreed by Costco that the charges will be covered by themselves.

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Access photo's to be sent to – info@superiorspas.co.uk

For any further information please contact our office on **01246 559071**.

Office opening hours are ...

Mon-Fri 9am-5pm

Saturday 9am-2pm

Alternatively please email us at info@superiorspas.co.uk

SWIM SPA MODEL FACT SHEET

Ares

Product Dimensions:

L 430cm / W 220cm / D 135cm

Weight Filled:

6190 KG

Water Capacity:

5500 Litres

Power Supply:

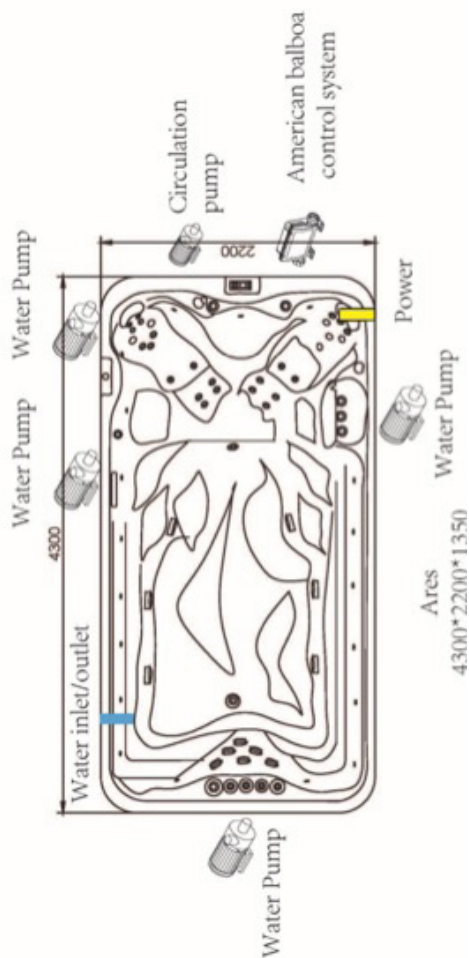
X1 32 AMP

Max power consumption:

11680 W / 380 V / 50 Hz

Topside Control:

Balboa TP800



SWIM SPA MODEL FACT SHEET

Apollo

Product Dimensions:

L 630cm / W 390cm / D 138cm

Weight Filled:

10,250 KG

Water Capacity:

9400 Litres

Power Supply:

X2 32 AMP

Max power consumption:

11700 W / 380 V / 50 Hz

Max power consumption:

4940 W / 380 V / 50 Hz

Topside Control Swim:

Balboa TP800

Topside Control Spa:

Balboa TP800



SWIM SPA MODEL FACT SHEET

Poseidon

Product Dimensions:

L 570cm / W 220cm / D 130cm

Weight Filled:

9308 KG

Water Capacity:

8500 Litres

Power Supply:

X1 32 AMP

Max power consumption:

13400 W / 380 V / 50 Hz

Topside Control:

Balboa TP800



SWIM SPA MODEL FACT SHEET

Neptune

Product Dimensions:

L 630cm / W 390cm / D 138cm

Weight Filled:

1150 kg

Water Capacity:

9400 Litres

Power Supply:

X2 32 AMP

Max power consumption:

12850 W / 380 V / 50 Hz

Max power consumption:

7270 W / 380 V / 50 Hz

Topside Control Swim:

Balboa TP800

Topside Control Spa:

Balboa TP800



SWIM SPA MODEL FACT SHEET

Zeus

Product Dimensions:

L 590cm / W 225cm / D 150cm

Weight Filled:

10050 kg

Water Capacity:

9200 Litres

Power Supply:

X2 32 AMP

Max power consumption:

6200 W / 230 V / 50 Hz

Topside Control Swim:

Balboa TP800



START YOUR JOURNEY

TO **ULTIMATE RELAXATION**

ELECTRICAL SUPPLY INSTALLATIONS, INSPECTIONS AND CONFIRMATIONS

Single zone Most swim spas require 1 connection

Dual Zone Spas require 2 separate connections as each zone is operated by individual controllers. Eg. 15amps to the spa zone + 32amps to the Swim zone. Each zone must be on a separate circuit. It is not legal to split the power cable from 1 circuit to the 2 zones.

Before installing a swim spa, the appropriate electrical supply must be installed, inspected and confirmed as in line with government regulations. Below is a simple guide to make sure your electrical supply is in line with the appropriate regulations.

Swim spas must have a suitable electrical supply in order to run, as they have a specific section in the 16th edition IEE (Institute of Electrical Engineers) Regulations. Do not attempt to install the electrics yourself unless you are a fully qualified electrician as the government introduced a law in January 2005 which states that most electrical work in UK households must be carried out by a 'competent person'. This means that Electrical safety requirements have been included in a new Part P of the Building Regulations.

32 AMP spas don't come with a length of cable from the spa. This will need to be supplied by your electrician.

What is Part P?

The law introduced by the Government in 2005 states that anyone carrying out fixed electrical installations in English and Welsh households must ensure they are:

- Designed and installed to afford appropriate protection against damage, whether that is mechanical or thermal, so that they do not present any danger in the form of electric shocks or fire hazards

- Suitably inspected and tested in order to verify that they meet the relevant equipment and installation requirements.

- If you have a new circuit installed in your home, it is a legal obligation to have it inspected and tested to ensure that it is compliant with Part P. This can be achieved in one of two ways:

1. Appoint an electrical contractor who is registered with a competent person scheme. Visit the websites of the following organisations if you are unsure of who is Part P qualified:

▷ NICEIC – www.niceic.org.uk

▷ NAPIT – www.napit.org.uk

▷ ELECSA – www.elecsa.co.uk

▷ BSI – www.bsi-global.com/kitemark

▷ BRE – www.partp.co.uk

OR

2. Appoint a contractor who is not Part P registered, but contact your local authority's Building Control Department first as the work will have to be inspected and tested by your local authority before it can be confirmed and signed off. There is a charge for this service.

Whichever route you choose to take, you will receive a Part P certificate to confirm that the electrical work is in line with government regulations. From post 2007 this paperwork must be kept on file and presented, even if you sell your house as part of the Home Seller's Packs.

We, as your swim spa retailer, can liaise with your electrical contractor regarding the exact specification for your chosen swim spa model. However, you must meet the following specification:

- The swim spa must be hard wired on its own fused spur back to your household consumer unit (i.e. the swim spa should not share a supply with any other appliances.)
- The swim spa should be appropriately protected by a sufficiently rated MCB (mains circuit breaker) and should cover the maximum amperage pull of the swim spa plus 25% to allow for brake torque (i.e. the rush of current when pumps are first turned on.) So, for example, a swim spa that has a maximum current draw of 20 amps should be fitted with a 25amp MCB.
- Your swim spa should be protected against earth faults also, by an RCD (residual current device). This is a trip switch which works to prevent the danger of electric shocks from damaged or waterlogged cables and connections. A suitable rated 30Ma RCD is what is recommended.
- Any outdoor cabling should be suitably protected from damage by either laying protective ducting (pc pipe) below ground or by using SWA (steel wired armoured) cable. Your electrician will calculate the size of cable required dependent upon loading and the distance from the mains supply.

13 AMP Electrical Requirements

13AMP plug-and-play swim spas simply plug into a standard domestic power supply so all you would need for a 13AMP swim spa is an outdoor waterproof plug socket with RCD protection.

32 AMP and 40AMP Electrical Requirements

A 6mm² 3-core SWA cable is needed for a 32AMP swim spa and a 10mm² 3-core SWA cable is perfectly suitable for a 40AMP swim spa.

Emergency/Service Work

An IP65 Rotary Isolator Switch is recommended in order for the swim spa to be isolated outdoors in an emergency or for service work. This is simply a rotary on/off switch, but, should be sited more than 2 meters away from the

swim spa so that individuals cannot be in the swim spa whilst touching the switch.

Weatherproof

A suitable weather proof block connector should be fitted to the end of the tail from the isolator in order for the swim spa to then be directly hard wired into the weatherproof block connector inside the swim spa. Waterproof gland packs should be used to prevent ingress of water on all electrical connections (2 at the isolation switch). It must be ensured that all earth cables are clearly colour coded with green/yellow insulating tape, or an earth sleeve.

Final Stage

Finally, if you have chosen the full installation option and once the swim spa is filled and the electrical supply is installed, our installation team will commission the Swim spa and check everything is fully operational before the swim spa is 'handed over' to you with our 'simple guide to chemicals', the appropriate chemicals and any extras that have been supplied.

If you are in any doubt about the required electrical guidelines you should seek professional advice from a fully qualified electrician.

Please note: Your electrician should leave enough spare cable attached to the isolator to go to the farthest side of the Swim spa. Our technicians are not qualified to connect this cable to the inside of the Swim spa.

Our delivery team will NOT hardwire your swim spa to the mains supply. We advise you seek a professional electrician to be present on the delivery day.

Electrical Supply Checklist

- 32AMP supply has its own specific port on the mains board
- 32 AMP supply isolation switch has been positioned 2 meters away from where spa needs to be positioned
- 32 AMP supply cable has been placed from isolation switch and ready to wire into the spa
- Part P Certificate has been supplied by electrician



Superior Spas Ltd

Unit 6, Station Rd, Brimington,
Chesterfield S43 1JU

t. +44 (0)1246 559071

e. info@superiorspas.co.uk

w. superiorspas.co.uk

