

Pre Delivery Manual



jadan spas

LOCATION OF YOUR SPA

Your new spa is self-contained and in most cases portable, however there are some things you need to consider when determining where to locate your spa for maximum enjoyment and warranty protection.

OWNER'S RESPONSIBILITY

It is your responsibility, as the owner of your spa, to check with your local council or building surveyor regarding the legal requirements associated with the delivery and installation of your spa. If the spa is a portable spa you may not need a council permit for installation, although it is always good to check. However if you are using the in ground option you will also need to consult your local water corporation for the location of water, sewage pipes and easements etc in relation to installation.

POSITION

Your spa needs to be positioned so that the spa's equipment is easily accessible. The equipment is located (in most cases) at the front of the spa and will need to be accessible for service and power connection. In most cases appropriate amperage cord and plug will be provided running from the back of your spa. It is recommended that you have access to all sides allowing at least 1/2 a metre access around all 4 sides of your spa for future access if required. If a service needs to be performed, it should be easy to remove the panels so that a service technician can safely access your spa and its equipment. If access is blocked and the spa needs to be drained or physically moved in any way, it will be the owner's responsibility to make sure this is completed prior to the service being carried out. All portable spa equipment must be ventilated. Do not obstruct any vents in the cabinet.



NOTE: DO NOT leave your spa in direct sunlight for extended periods of time. Doing so may void your warranty. The spa has closed cell insulation over the shell. If left exposed to direct sunlight the surface temperature can build up to 200°C causing damage to your spa. It is suggested that you not only have the hard cover over your spa while not in use but also have the spa in an area which is sheltered from extreme and harsh weather conditions. Leaving the spa uncovered and exposed may void your warranty on your spa and its accessories.

DRAINAGE

Ensure that the spa is not in a low or floodable position; as this could cause electrical equipment to 'short' or be dangerous to spa users. Your spa comes with a drain valve usually located in the base of the equipment compartment. Ensure that you consider access to this drain valve, and that gravity drainage onto the garden or a waste outlet is available.

VIEW, PRIVACY & ENVIRONMENT

Consider your privacy when selecting the position of your spa. Think of your surroundings during all seasons, especially protection from the wind and rain during winter. The view that you would like to enjoy from your spa is also important, along with whether your neighbours or passersby can see the spa. The climate that you live in can also determine the location of your spa. A warmer climate may require shade from the sun. A colder climate may need somewhere warm and dry to change after using the spa.

COVER

Most covers fold in half, but not all spas are square, so some covers can only fit and fold one way. Consider how you will fold the cover in half, or will there be a low overhead obstruction? Is there sufficient space to store the cover when you take it off? Are you best to have a 'cover lifter'? Which one is best for your site? What room do you need for a cover lifter? Your spa hard cover should remain on when the spa is not in use. This will help with keeping your spa water clean, cut down heating costs and protect your spa from sun or weather damage.



NOTE: all our hard covers are lock down, however please check with your local council whether they comply with safety regulations.

SAFETY

Check the surroundings where your new spa is going to be located. Particularly do not place your spa near overhead power lines, general power outlets, sharp edges, glass, thorny shrubs and other hazardous material that can affect the enjoyment of your spa, or hinder access in a dangerous manner. Check your local council regulations for fencing requirements. It is the owner's responsibility to make sure local fencing regulations are complied with.

VENTILATION

If your spa is enclosed ensure that there is adequate ventilation. Spas produce considerable amounts of moisture, which could damage walls, ceilings and fittings over time. Also keep in mind that your spa will need to be drained periodically so plan your location accordingly.

ACCESS IN & OUT OF THE SPA

Ensure that you have considered access in and out of the spa. As most spas are approx 900mm high, getting in and out is difficult. You may need steps – where will you place them?

SITE PREPARATION

Your spa has been designed to evenly support the weight of the spa, the water and the spa users, so it is essential that it sits on a solid, level, flat foundation. If the foundation is not adequate, the spa may stress and crack, thus voiding any warranty given by the manufacturer. It is the responsibility of the spa owner to provide a proper foundation. If you need help, please consult an experienced installer.

SURFACE AND SLAB REQUIREMENTS

Your new spa must be placed on a 100mm (4") thick reinforced concrete slab. Ensure that the concrete has cured for at least one week before setting the spa in place. A typical spa filled with water could weigh as much as 2500kg and if the concrete is not fully cured, it could easily crack. An uneven or cracked pad or the use of shims of any kind may cause the spa to buckle, distort and/or crack and will void the warranty on your spa.

It is recommended that the concrete slab or paving is at least 200mm bigger than the spa base size, to allow for possible future spa repositioning changes and foundation strength.

If the concrete slab is to be exceptionally larger than the spa base size, consider having the remaining area with a slight fall (5-10mm over 2m) in one direction away from the base of the spa to allow surface water to run off. Otherwise, allow for a small drain channel between the other surface area and the spa, so as to avoid other surface water getting under your new spa. See your brochure for spa dimensions.

WOOD DECKING

Wood decking is suitable provided the structure is strong enough to take the weight of the spa when full of water. An engineer's structural report is essential. If you wish to place a portable spa into a deck, it is recommended to place the spa onto a slab and build the deck AROUND the spa. The spa needs approximately 500mm access to all 4 sides of the spa for any future service work. Therefore you need to allow for access panels (trap door) in your deck.

When placing the spa into or onto a deck, it is important that it can handle the weight of the spa, the water and the people in it. Small spas will weigh around 1.5-1.7 tonnes with water and people. Large spas weigh around 2.2-4.5 tonnes. In general, you need to cater for a load of 550kg per square metre. To ensure that a deck can withstand the weight of a spa, the foot well area is the most important to reinforce, either with a vertical support post under the foot well, or more commonly, a thick timber or steel beam running horizontally under the foot well area.



NOTE: DO NOT under any circumstances, put your spa on any soft surfaces like grass, sand, crushed rock or dirt. Any surface that has a tendency to settle unevenly will put pressure and tension on the spa structure and may void the warranty.

IN GROUND INSTALLATION

If installing your spa below ground level we recommend a site visit by an experienced installer (generally at your cost) to ensure the pit is built to a sufficient size and to organise connection of your pipe work, gas and electricity to the spa. In-ground models have a very different installation procedure to portable models. We recommend you use an experienced installer to fit your spa into place.

PORTABLE HYBRIDS

In some cases a model may be supplied with electrical equipment but no cabinet surround, in most cases on a steel frame. If the spa is supplied in this fashion it is imperative that the customer makes sure that on installation, especially if it is below ground level, that all equipment is protected from water, dirt and harsh weather conditions. Having the electrical equipment exposed to these elements will void any warranty provided by the manufacturer.



ELECTRICAL INFORMATION

The electrical supply to your new spa will require a dedicated circuit with no other power appliances or sockets sharing the power.

This is important, if there are any other appliances drawing amperage from what your new spa requires, then your new spa's electrical parts may 'burn-out' in a short time. Electrical burn-out due to incorrect amperage WILL NOT be covered by warranty.

Unless you have been advised otherwise, your new spa must be permanently connected. (i.e. hard wired to the main household power supply or into a 10amp or 15amp plug). The electrical supply must be installed by a qualified licensed electrician to comply with all regulations and standards specified by the electrical authority.

Ensure that your electrician installs at the main house supply:

- A suitable rated RCD (Residual Current Device)
- A suitable rated circuit isolating switch that is no closer than 2m from the spa, which is accessible for the home owner for turning the spa off and on.
- A weather proof outdoor connection point.

Your electrician will want to know how many amps your new spa draws.

ELECTRICAL REQUIREMENTS FOR YOUR SPA

Spas requiring 15amp electrical connection must have;

- 15amp power socket NO LESS than 2 metres away from the spa.
- 15amp power socket MUST BE on a 20amp circuit breaker installed by a qualified electrician.
- PLEASE NOTE No power points are to be within a 2 metre parameter of the spa.

Spas requiring 32amp electrical connection must have;

- Single phase, dedicated, hard wired, 32amp circuit.
- A 40amp circuit breaker and RCD in your power box.
- At least enough cable in flexible conduit to reach your spa pool control box.
- An isolating switch close to the spa.
- A qualified electrician to do the installation and deliver a certificate of compliance.
- PLEASE NOTE No power points are to be within a 2 metre parameter of the spa.



NOTE: Only a qualified electrician can legally install and connect your electrical requirements for your spa. If you have any questions in regards to the electrical connections please see your local spa specialist. Please see your spa specialist in regards to high current and three phase installation procedures.