

AQUATERRA[®]

S P A S

Pre-Delivery Guide



For Customer Service, please call (888) 961-7727 or email ahsservice@watkinsmfg.com.

Delivery...

Your spa will be delivered at the end of your driveway. It is delivered on end, wrapped on a sturdy pallet for convenient placement. You will be responsible for any arrangements needed to have your spa placed in your desired location. When the freight company calls to set up a delivery appointment, you may inquire if they are able to assist. There may be an additional fee that you need to work out with the freight company.

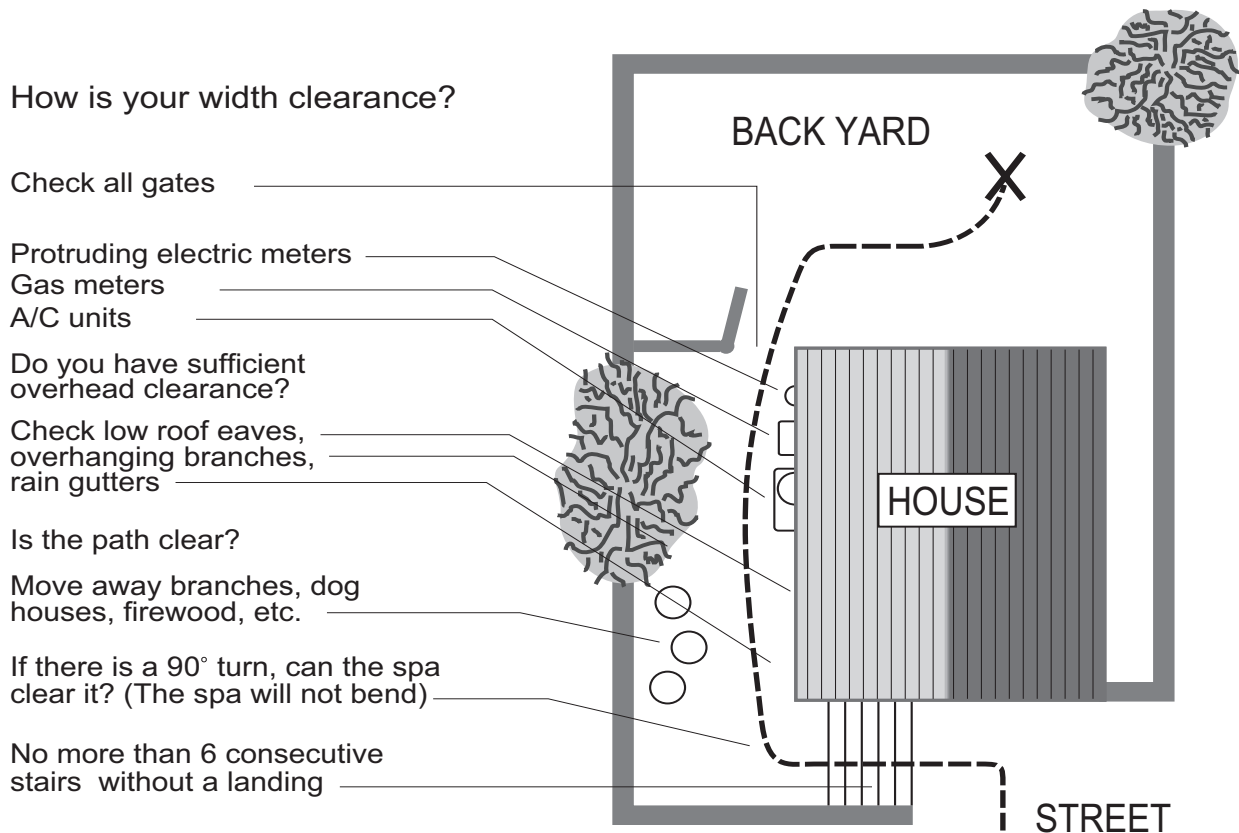
(For example, cranes are not considered "normal delivery"). If that is not a service they can provide, Customer Service may be able to recommend consulting professionals who have experience moving large items.

Your spa will be delivered in approximately 2 - 4 weeks from the date of order. If you are unable to accept delivery within this lead time, your spa order will be cancelled. Carriers are unable to hold and store your spa.

REVIEW THE ROUTE OF YOUR SPA DELIVERY:

Carefully review the route that the spa will take through your property. Make sure there is sufficient clearance. Keep the overall dimensions in mind when your spa is wrapped on a pallet. You are able to remove the hot tub from the pallet and put a 4-wheel furniture dolly underneath it to move it. In this case you will need a 3 ft wide pathway that will accommodate an approximate 7' - 7½' height clearance - also keep in mind that it will be almost 7' long, so check for clearances when turning corners.

NOTE: The empty spa can weigh as much as 460 lbs., so choose the safest and most direct route possible. We recommend hiring professionals to avoid physical harm or property.



Choose your location...

SAFETY FIRST:

Do not place the spa within 10 feet (3m) of overhead power lines. Make sure your spa is positioned so access to the equipment compartment and side panels will not be blocked. Be certain your installation will meet all city and local safety codes and requirements.

PLANNED USE OF SPA:

How you intend to use your spa will help you determine where you should position the spa. For example, will you use it more for recreational or therapeutic purposes? If your hot tub is mainly for family recreation, leave plenty of room around it for activity and lawn furniture. If you will use it more for relaxation and therapy, you'll probably want to create a specific mood around the tub.

ENVIRONMENT:

If you live in a climate with a snowy winter and hot summer, a place to change clothes or a house entry near the spa is convenient. A warmer climate may require shade from the hot sun. Consider placement of trees, shrubs, patio cover or perhaps a gazebo structure to provide what you will need. Remember that hot tubs periodically require drainage, so plan your environment accordingly.

PRIVACY:

Think of your surroundings during all seasons to determine your best privacy options. Consider the view of your neighbours when you plan the location of your spa.

VIEWS:

Think about the direction you will be facing when sitting in your spa. Do you have a special landscape you will find enjoyable? Perhaps there is an area that has a soothing breeze during the day or a lovely sunset in the evening.

KEEP CLEAN:

Prevent dirt and foliage from being tracked into your spa by utilizing concrete for paths and access areas. Check the location of spill paths from gutters, trees, and shrubs.

SERVICE ACCESS:

Many people choose to install tile or custom wood around their spas. If you are installing your tub with custom decorative trimming, remember to allow for access to it for service. Should you need service, a technician may need to remove the tub's side panels, or access it from beneath. It is always best to design special installations so the spa can still be moved, or lifted from the ground.

The best foundation...

Your new spa needs a good solid foundation. The area your spa sits on must be able to support the spa, the water in it and those who use it. A concrete foundation is most effective of a reinforced deck. If the foundation is inadequate, it may shift or settle after the spa is in place, causing stress to the shell or components.

BE AWARE:

Damage caused by inadequate or improper foundation support is not covered by the spa warranty. It is the sole responsibility of the spa owner to provide a proper foundation for the spa. Make sure the foundation where the spa is placed drains water away from the spa. Proper drainage will keep components dry.

If you choose to install your spa indoors, pay close attention to the flooring beneath it. Always remember a spa is filled with water. Choose flooring that will not be spoiled or ruined from water damage. Check with your contractor to verify your flooring can support the weight and water spills or splashing from your spa.

Your spa weight must always be considered when installing your spa. If you are installing it on an elevated wood deck or other structure, it is advisable to consult a structural engineer or contractor to ensure the structure will support the weight.

**IT IS STRONGLY RECOMMENDED THAT A QUALIFIED,
LICENSED CONTRACTOR
PREPARE THE FOUNDATION FOR YOU SPA.**

There is a 4" (10cm) minimum depth requirement for a concrete pad.

Electrical Requirements 110V spas

A GFCI cord is supplied with your spa. Your spa must be wired with a GFCI either on the cord or on the outlet, but not both. Follow all local, state and federal electrical codes. Use only a line with a dedicated 15 Amp breaker. This line cannot be shared with any other appliances while the spa is running or the breaker will trip immediately. DO not use extension cords between the wall outlet and the spa or the breaker will trip immediately and can be a potential fire hazard. The plug should be easily accessible to users. The receptacle should be protected from the weather. Metal surfaces within 5 feet of the spa must be grounded to the spa.



Standard
Outlet with
GFCI Spa



Improper usage

Electrical Requirements 230V spas

Please refer to your spa's owner's manual for complete details and instructions.

⚠ DO NOT POWER THE SPA WITHOUT FIRST FILLING WITH WATER!

⚠ DANGER – RISK OF ELECTRIC SHOCK

Installations that do not conform to the following procedures and requirements may expose users to electric shock. Nonconforming installations will not be covered under warranty.

If installed in the United States, the electrical wiring of this spa must meet the requirements of the National Electric Code (NEC) and any applicable state or local codes. The electrical circuit must be installed by an electrical contractor and approved by a local building electrical inspection authority.

1. Installations within 5 feet of any metal surfaces must ground the metal surfaces to the spa. Use an 8 AWG solid copper wire and attach it to the grounding lug on the power pack, located in the equipment compartment. Only a licensed electrician may install power to the spa.
2. Power supply installation must include a suitably rated ground fault interrupter (GFCI) as required by NEC Article 680-42. The circuit breaker must be dedicated and should not be shared with any other appliances. It must be labeled and easily accessible to users.
3. The electrical supply for the spa must include a suitable rated switch or circuit breaker to open all ungrounded supply conductors to comply with Section 422-20 of the National Electric Code, ANSI/NFPA 70. The disconnecting means must be readily accessible to the spa's occupant but installed at least 5 feet from the spa water.
4. Power supply lines must be hard wired into the power pack. DO NOT use extension or plug type cords of any kind. The use of a shut-off box near the hot tub is also recommended. This box provides a quick and convenient method to shut off power to the hot tub for emergencies and maintenance.
5. Supply lines must be properly sized as per the NEC (National Electric Code). A ground line must be provided that is as large as the largest current carrying conductor, but no less than 8 AWG. Use copper wiring only.
6. Please open the front cover of the control box, and follow the instructions and wiring diagram printed on the backside.
7. **CAUTION, 230V POWERED SPAS** – These spas must be hard wired to your household electrical service box only. Do not use an extension cord or any other disconnect-able power cord. The use of an extension cord or a disconnect-able power cord is highly dangerous and will void all warranties!
 - Wire size must be appropriate per NEC and/or local codes.
 - Wire size is determined by length of run from breaker box to spa and maximum current draw.
 - THHN copper core wire is recommended.
 - All wiring must be copper to ensure adequate connections. Do not use aluminium wire.

CIRCUIT BREAKER REQUIREMENTS:

A new GFCI circuit breaker must be used for your spa installation. Do not use an existing breaker, as its condition is unknown.

<u>BREAKER</u>	<u>230V</u>
Capacity	32 amps
# of wires	4

On 230V systems always use a 4 wire system. ON all systems, the spa must be connected to a dedicated GFCI circuit breaker that is not shared with any other equipment. Do not use extension or plug type cords of any kind.