

# HYDROLUXE SPAS

*Congratulations on your new HydroLuxe  
Spa and welcome to our HydroLuxe family!*



## Pre-Delivery Guide

Please take the time to read this booklet carefully, as it will provide you with the information you will need to ensure the safe, secure, and timely installation of your new spa. The following sections are guidelines on how to prepare for delivery and set-up of your new spa. Specifically covered are site selection, delivery access, ground preparation, and electrical requirements.

Remember to carefully review the Owner's Manual that accompanies your spa. The Owner's Manual can be found in the Owner's Package and online at <https://hydroluxespas.com/warranty-information/>. **HydroLuxe Spas LLC** reserves the right to change features, specifications, and design without notification and without incurring any obligation.

**DATE PURCHASED:** \_\_\_\_\_

In most cities and counties, permits will be required for the installation of electrical circuits or the construction of exterior surfaces (decks and gazebos). In addition, some communities have adopted residential barrier codes which may require fencing and/or self-closing gates on the property to prevent unsupervised access to a pool (or spa) by children under 5 years of age. Your spa is equipped with a locking cover that meets the **ASTM F1346 Standard for Safety Covers** and as a result is usually exempt from most barrier requirements. As a general practice, your local Building Department will inform you of any applicable barrier requirements at the time a permit is obtained for the installation of an electrical circuit.

**For Customer Service, please call us at 1-800-383-6119**



## Site Selection and Preparation

**IMPORTANT:** Site selection and preparation are your responsibility. Carefully read these instructions and consult your authorized dealer if you have any questions.

You probably have a spot selected for your new spa (whether it's indoors, outdoors, on a patio, or on a deck). Just make sure you check the following:

- Always put your spa on a structurally sound surface that is level within ½" per 10' (1 cm per 3 m).
  - *A filled spa can weigh thousands of pounds; make certain that the location you choose can support the weight of your filled spa.*
- Locate your spa's equipment compartment (which houses all of the electrical components) in a place where water will drain away from it.
  - *Allowing water into the equipment compartment can damage the electronics or may result in tripping your home's circuit breaker.*
- Leave yourself easy access to the circuit breakers in the subpanel (230V models) or to the GFCI at the end of the power cord (115V models).
- Never let water get into the subpanel (230V models) or into the GFCI (115V models), or into the electrical outlet into which your spa is plugged.
- Leave access to the spa's equipment compartment for periodic spa care and maintenance.

### OUTDOOR INSTALLATION

When installing your spa outdoors, select a solid, level surface to place it on. The bottom of your spa is totally protected and will not rot. Special preparation, such as a concrete pad or wood deck, is not mandatory, although they make very suitable bases. If installing your spa on a wood deck, ensure that the deck is built to code and that it will withstand the filled weight of the spa. When full, your spa weighs approximately 90 lbs. (41 kg) per square foot. Ensure that you do not install your spa underneath overhead power lines.

### INDOOR INSTALLATION

For indoor installation, ensure that your doorway is at least 36 inches (91 cm) wide and tall enough for the spa turned on its side on a dolly. The location where you intend to place your spa should be equipped with adequate ventilation to remove chemical odors and added humidity, and adequate drainage to handle splashing and in case of a spa leak. It is not recommended to install your spa above a ground level floor.

## GROUND PREPARATION

Your spa has been engineered to perform on all kinds of common yard surfaces. While a concrete slab is best for long-term use\*, other foundations are acceptable so long as a level base is prepared prior to delivery. Three foundation base pictures (shown at right) represent examples of foundations acceptable for spas installed without gazebos or other accessories, including the recommended concrete pad.

**\*NOTE:** A reinforced concrete pad at least four inches (10 cm) thick is recommended. We also have [Spa Pads](#) available as an economical alternative to pouring a concrete pad.

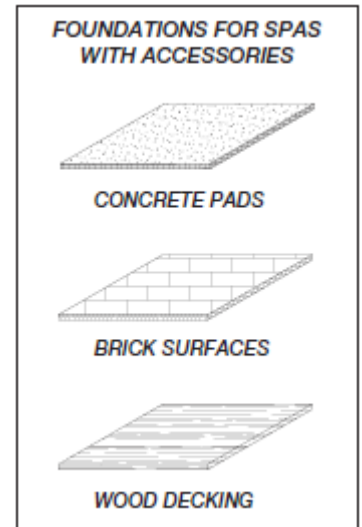
## INSTALLATION NOTES

As a homeowner, it is your responsibility to provide a suitable, level foundation for your spa.

### NOTE:

In order for the spa to operate properly and the internal plumbing to drain completely, you must ensure that the spa is leveled within  $\frac{1}{2}$ " per 10' (1 cm per 3 m) after it has been installed. Do not shim your spa in any manner, as this could cause the cabinet to warp, thereby voiding the warranty.

If you have any questions concerning startup, contact HydroLuxe Spas directly for help at 1-800-207-7139 or by email at [contactus@hydroluxespas.com](mailto:contactus@hydroluxespas.com).



## DELIVERY

Your spa will be delivered curbside (at the end of your driveway). It is typically delivered on end and 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. It is recommended to consult professionals (i.e. local moving company) who have experience moving large items.

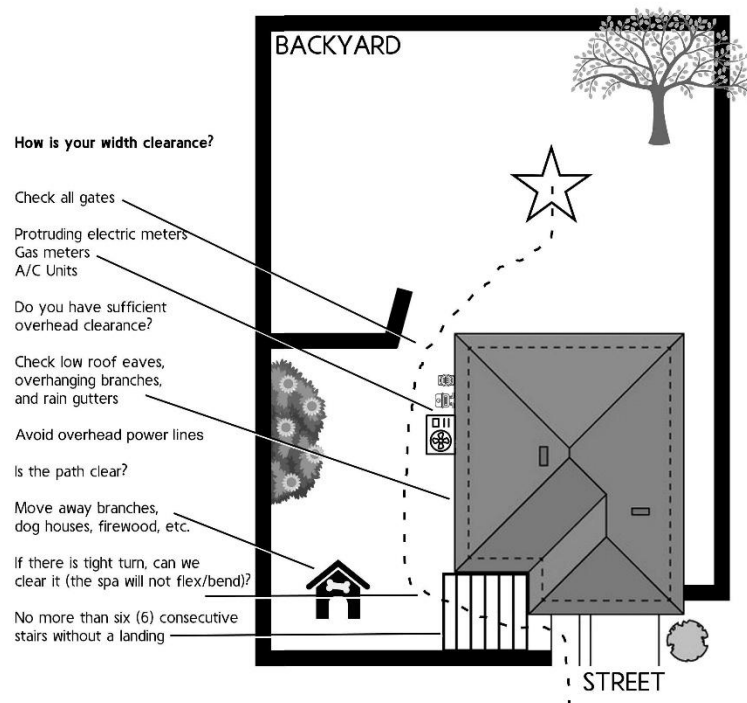


*\*These pictures are an example of how the spa is expected to arrive for curbside delivery. Freight companies may require removing the spa from the pallet in some cases.*

### 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, if preferred. In this case, you will need a 3-ft-wide pathway that will accommodate an approximate 7' - 7½' height clearance. 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 1,000 lbs. Choose the safest and most direct route possible. We recommend hiring professionals to avoid physical harm or property damage.



## ELECTRICAL REQUIREMENTS



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



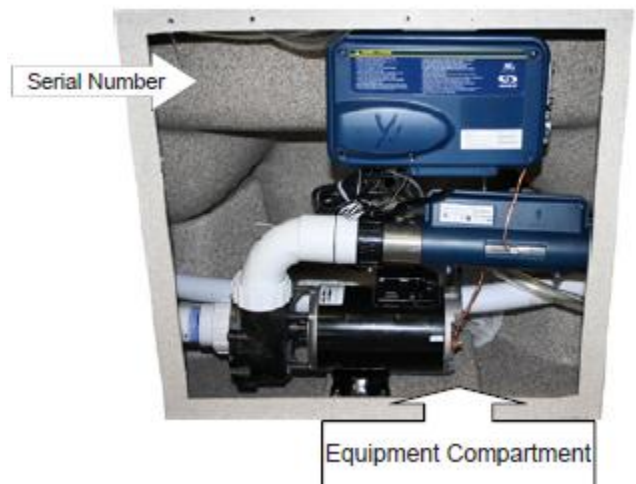
### **DANGER – RISK OF ELECTRIC SHOCK**

Installations that do not conform to the following procedures and requirements may expose users to electric shock. Non-conforming 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 (1.5 m) of any metal surface must ground the metal surfaces to the hot tub. Use an 8 AWG solid copper wire and attach it to the grounding lug on the control box, located in the equipment compartment.
2. Only a licensed electrician may install power to the spa.
3. Power supply installation must include a suitably rated ground fault circuit interrupter (GFCI) as required by NEC. The circuit breaker must be dedicated and should not be shared with any other appliances. It must be labeled and easily accessible to users.
4. The electrical supply for the spa must include a suitable rated switch or circuit breaker to open all ungrounded supply conductors to comply with the National Electric Code. The disconnecting means must be readily accessible to the spa's occupant but installed at least 5 feet (1.5 m) from the spa water.
5. 230V Power supply lines must be hard wired into the control box. **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.
6. Supply lines must be properly sized as per the NEC. A groundline must be provided that is as large as the largest current carrying conductor, but no less than 8 AWG. Use copper wiring only.
7. Please open the front cover of the control box and follow the instructions and wiring diagram printed on the backside.
8. All 115 V powered models must use the provided 15-foot (4.5 m) GFCI cord and be plugged directly into a dedicated grounded wall outlet between 6' (1.8 m) and 10' (3 m) from the spa.
9. **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 aluminum wire.**





## ELECTRICAL REQUIREMENTS

### CONFIGURING SYSTEM

#### SELECTING THE SUPPLY VOLTAGE FOR YOUR SPA

Your spa is designed to operate at either 115V 15 amp; 115V 30 amp; or 230V 50-amp circuit:

- When the spa is set up for 115V/15 amp, the heater will provide approximately 1000 watts of heat only when the pump is operating in LOW speed and the thermostat is calling for heat (*NOTE: The heater does not operate when the pump is on high speed*).
- When the spa is connected to 115V 30 amp, the heater will provide approximately 1000 watts of heat when the pump is operating in LOW or HIGH speed and the thermostat is calling for heat.
- When the spa is connected to 230 volts, the heater will provide approximately 4000 watts of heat when the pump is operating in LOW or HIGH speed and the thermostat is calling for heat.

All electrical connections must be made in accordance with the wiring information contained on the electrical control box cover and the National Electrical Code.

#### 115 VOLT INSTALLATION (CORD CONNECTED)

Spas come with a factory-installed power supply GFCI cord and are to be plugged into a grounded type 115-volt, 15-amp receptacle. No other electrical appliances or fixtures can be used on this circuit.

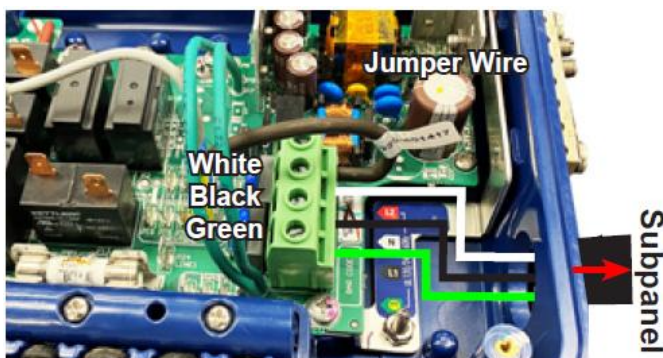
**IMPORTANT:** Under NO circumstances should an extension cord be used. Use of an extension cord will seriously degrade the performance of the equipment and can create an electrical hazard and void the warranty.

#### 115 VOLT, 30 AMP OR 230 VOLT, 50 AMP (PERMANENT FIELD CONVERSION)

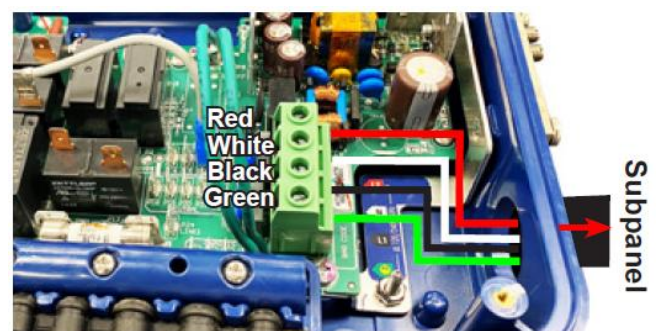
- A 115-volt, 30-amp configuration requires a 30-amp GFCI Subpanel box (not included).
- A 230-volt, 50-amp configuration requires a 50-amp GFCI Subpanel (not included).

Either one of these installations requires a licensed electrician.

#### Field Converted 115V 30 AMP Control Box



#### Field Converted 115/230V Control Box



**IMPORTANT:** After powering up the spa on 115V 30 amp or 230V 50-amp field conversions, a programming configuration is required.

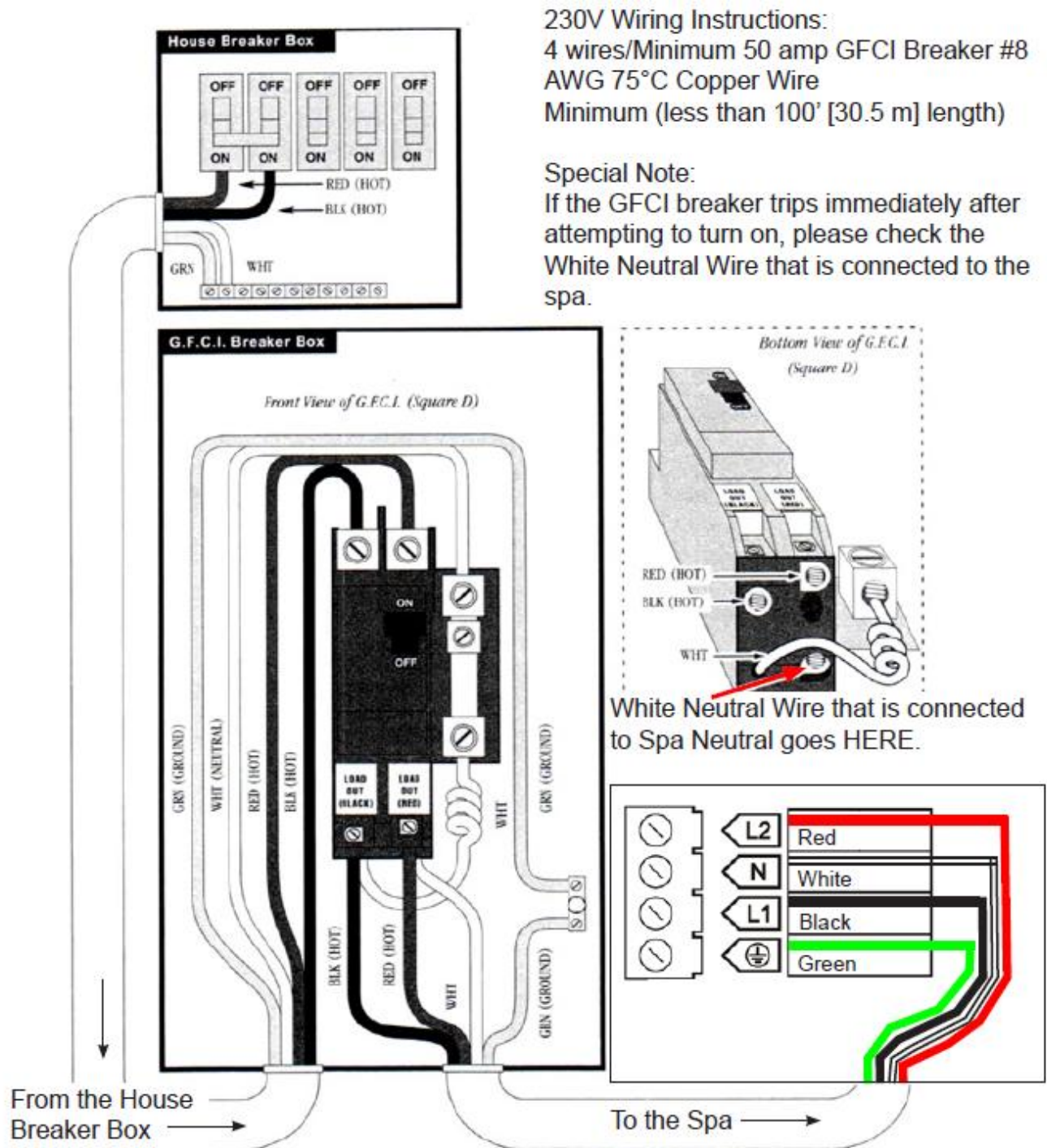
- 1) Press and Hold JETS button for 30 seconds to access the Low Level (LL) settings on the control panel.
- 2) Use the +/- button to change the setting from LL1 Factory Default (non-concurrent heat and high speed) to LL2 (concurrent Heater and High-Speed pump) configuration.
- 3) Press the LIGHT button within 25 seconds to save the new program setting.

## ELECTRICAL REQUIREMENTS

### ELECTRICAL WIRING DIAGRAM FOR 230V USE

It is recommended that a licensed electrician install the power to your spa in accordance with the National Electric Code and/or any local electrical codes in effect at the time of installation.

Power supply installation must include a properly rated GFCI circuit breaker. The circuit must be dedicated and should not be shared with any other appliances. The power supply must be hard wired into the power pack.





## Spa Specifications

HydroLuxe Spa Specifications							
Spa Model (Seating)	Dimensions	Heater (Watts)	Water Capacity	Dry Weight	Filled Weight	Electrical Requirements	Filter Area
<b>Ibiza (4 person)</b>	63" x 81" x 33"	1000 or 4000	245 gal	365 lbs	3,130 lbs	115 V, 15 amp or 230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Tahiti (4 person)</b>	75" x 75" x 34"	1000 or 4000	275 gal	400 lbs	3,418 lbs	115 V, 15 amp or 230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Maui (6 person)</b>	80" x 80" x 34"	1000 or 4000	290 gal	390 lbs	3,710 lbs	115 V, 15 amp or 230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Maui Lounger (5 person)</b>	80" x 80" x 34"	1000 or 4000	290 gal	390 lbs	3,710 lbs	115 V, 15 amp or 230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Bali (6 person)</b>	80" x 80" x 34"	4000	295 gal	390 lbs	3,710 lbs	230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Bali Lounger (5 person)</b>	80" x 80" x 34"	4000	290 gal	390 lbs	3,710 lbs	230 V, 50-amp GFCI protected circuit	50 SQFT
<b>Fiji (5 person)</b>	87" x 77" x 34"	4000	340 gal	426 lbs	4,058 lbs	230 V, 50-amp GFCI protected circuit	50 SQFT

### CAUTION:

**HydroLuxe Spas LLC** suggests a structural engineer or contractor be consulted before the spa is placed on an elevated deck.

### \* NOTE:

The "Filled Weight" of the spa includes the weight of spa and water only (this does not consider the weight of any occupants or object placed in the spa).

## Final Notes

Your spa includes the spa cover and the first filter. However, it does not include the chemicals required to balance the water chemistry and sanitize the water.

HydroLuxe Spas are not compatible with saltwater systems, and the use of saltwater systems can cause corrosion to your spa components and void the warranty.

Granulated chlorine or bromine are recommended to sanitize your spa water. We recommend the FROG @Ease SmartChlor kit to sanitize your water, which includes water balancers to balance the water chemistry (The Serene Kit is a bromine alternative to the SmartChlor system).

We also recommend having extra filters to rotate weekly when you clean your filter (you should always put a dry filter back in the spa, so it is helpful to replace the used filter with a fresh one each time you clean it).

Visit our Water Care page for chemical and filter options:

<https://hydroluxespas.com/accessories/>

Optional cover lifters and steps also enhance the enjoyment of your spa by making the experience easier and safer. Cover lifters allow your cover to be moved on and off with minimal effort, while holding and protecting the cover while the spa is in use.

Quality spa steps allow you to get in and out of the spa with comfort and ease, while minimizing fall hazards.

Visit our website for a full line of accessories for your spa:

<https://hydroluxespas.com/accessories/>



**800-207-7139**

**[contactus@hydroluxespas.com](mailto:contactus@hydroluxespas.com)**

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