

## PRE-DELIVERY GUIDE

How to make delivery and installation of your new hot tub fast, easy and trouble-free.



WATER THAT MOVES YOU®

# Important Service Information

**Please make a record of the following information. It will be valuable if service is required.**

**Spa Model:** \_\_\_\_\_

**Spa Serial Number:** \_\_\_\_\_

**Date Purchased:** \_\_\_\_\_

**Date Installed:** \_\_\_\_\_

**Spa Dealer's Name:** \_\_\_\_\_

**Spa Dealer's Phone Number:** \_\_\_\_\_

**Spa Dealer's Address:** \_\_\_\_\_



Most cities and counties require permits for exterior construction and electrical circuits. In addition, some communities have codes requiring residential barriers such as fencing and/or self-closing gates on the property to prevent unsupervised access to a spa by children. Your Jacuzzi dealer can provide information on which permits may be required and how to obtain them prior to delivery of your spa.



The specifications published in this book (page 22) are approximate. Always measure your spa before making critical design or delivery pathway decisions.

# Introduction

## Congratulations!

You've purchased a Jacuzzi® spa, made to exacting ISO 9001 quality standards. With a little preparation and care, your spa will give you many years of enjoyment. This booklet has been designed to provide you with all the information you'll need to ensure a safe, speedy and trouble-free spa delivery and installation. **Please read this booklet before your scheduled delivery.**

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# 1.0 Planning The Best Location For Your Spa

**Here are some of the things you will need to consider when determining where to place your new spa.**

## **Safety first**

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

## **How will you use your spa?**

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

## **Environment**

If you live in a climate with a snowy winter and hot summer, a place to change clothes or 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'll need.

## **Indoor Installations**

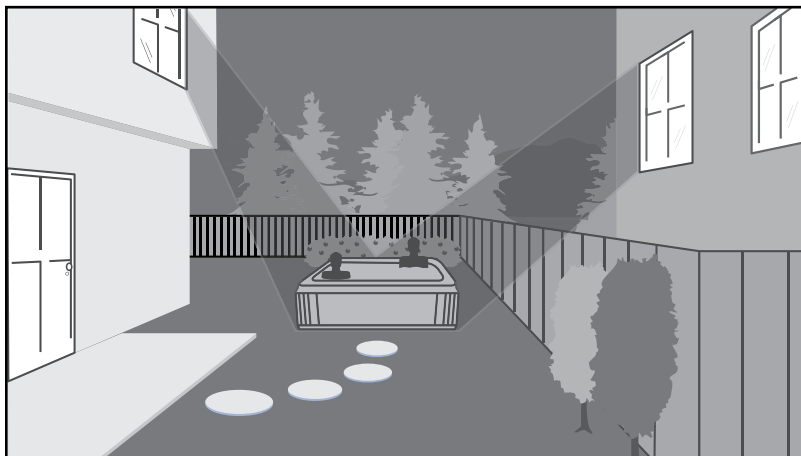
Indoor installations require adequate ventilation. When the spa is in use, considerable amounts of moisture are produced. This moisture can damage walls and ceiling surfaces over time. Special paint is available to resist moisture damage. When planning a new room for the spa, it is recommended that a floor drain be installed. Remember that spas periodically require drainage, so plan your placement or location.

## **Consider your privacy**

In a cold-weather climate, bare trees in winter won't provide much privacy. Think of your spa's surroundings during all seasons to determine your best privacy options. Consider the view of your neighbors as well, when you plan the location of your spa.

## **Provide a view with your spa**

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



Proper planning will enhance your enjoyment of the spa experience and protect your privacy.

when you plan your location.

### **Keep your spa clean**

Prevent dirt and foliage from being tracked into your spa by utilizing concrete for paths and access areas. Check the location of trees and spill paths from gutters to see if wind or rain will sweep debris into it.

### **Allow for service access**

Many people choose to install tile or custom wood around their spas. If you're installing your spa with custom decorative trimming, a gazebo or surrounding structure, or indoors, remember to allow for access for service, especially on the control panel side of the spa. Should you need service, a technician may need to remove the spa's side panels, or access it from beneath. It's always best to design special installations so that the spa can still be moved, or lifted from the ground.

### **Power Limitations (US Models Only)**

Jacuzzi J-210, J-220 and J-315 models include a ten foot GFCI cord for "plug-in" 120V operation. This cord must be connected directly to a dedicated/grounded wall outlet. NEVER USE AN EXTENSION CORD OF ANY KIND! Using an extension cord can damage the spa equipment and void the manufacturer warranty! When power runs over 10' are required, these spas must be hard wired in accordance with state and local codes.

## 2.0 Preparing A Good Foundation

Your spa needs a solid level foundation. The area that it sits on must be able to support the weight of the spa, the water in it, and those who use it. If the foundation is inadequate, it may shift or settle after the spa is in place, causing stress damage to the spa's shell.

**Note: Damage caused by inadequate support or improper foundation is not covered by the warranty. It is the responsibility of the spa owner to provide a proper foundation for the spa. Example: free standing bricks, gravel, pavers, plywood, and railroad ties are not considered proper foundations.**

Place the spa on an elevated foundation so that water drains away from it. Proper drainage will keep components protected from rain and wet weather. A spa filled with water is heavy. If you are installing your spa on an elevated wood deck or other structure, it is highly recommended you consult a structural engineer or contractor to ensure the structure will support the weight (see technical specifications page 22). It is strongly recommended that a qualified, licensed contractor prepare the foundation for your spa. There is a 4" minimum depth requirement for a concrete pad. If you are installing your spa indoors, pay close attention to the flooring beneath it. Remember, a spa filled with water can cause moisture damage. Choose flooring that won't be spoiled or stained.

### Your authorized Jacuzzi dealer can help you with foundations and more

Your Jacuzzi retailer also has a full line of accessories, surround kits, and gazebos that are engineered to complement your Jacuzzi spa. They also offer several factory approved aftermarket foundation products that are specifically designed for spa use and allow for installation without concrete.

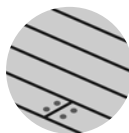
### RECOMMENDED FOUNDATIONS

Good



\*Aftermarket Spa Pad  
Designed for Spa Use  
(Concrete Not Required)

Better



\*Wood Decking  
(with Concrete  
Foundation)

Best



\*Concrete Pad  
(4" or Thicker)

**Your Jacuzzi retailer can help you with foundations and more.**

They have a wealth of information and experience about how to get the most out of your spa. Your Jacuzzi retailer also has a full line of accessories that are engineered to complement your spa.



Preparing a good foundation  
for your spa will ensure years of  
trouble-free enjoyment.

## 3.0 Getting The Spa Into Your Yard

### Check the dimensions of your spa

The Specification chart on page 22 lists your spa model and its dimensions as it sits on the delivery cart. During delivery the spa must remain on the delivery cart at all times. Compare the dimensions to the width of gates, sidewalks, and doorways along the delivery route used to bring the spa into your yard. It may be necessary for you to remove a gate or partially remove a fence in order to provide an unobstructed passageway to the installation location.

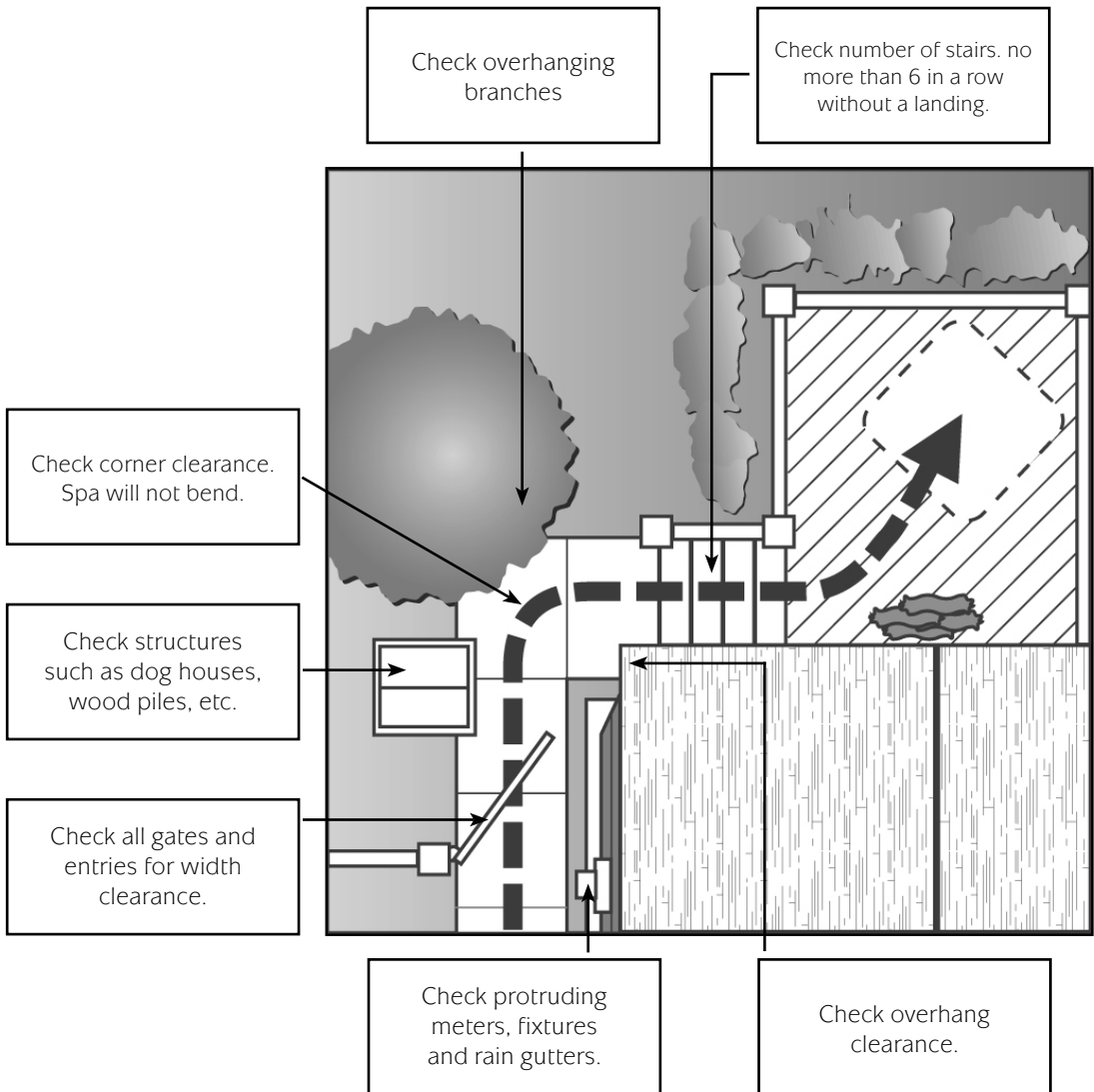
### Plan the delivery route

Use the diagram on page 7 to plan your delivery route. Consider the following when planning your delivery route:

- Check the width of gates, doors and sidewalks to make sure your spa will pass through unobstructed. You may have to remove a gate or part of a fence to allow for adequate width clearance.
- If the delivery route will require a 90° turn, check the measurements at the turn to ensure the spa will fit.
- Are there protruding gas meters, water meters or A/C units on your home which will cause obstructions along the delivery path to your yard?
- Are there low roof eaves, overhanging branches or rain gutters that could be an obstruction to overhead clearance?
- Are there more than six (6) consecutive stairs without a landing in your delivery route? If so, you must consult your Jacuzzi dealer prior to delivery to make adequate preparations.

### Special Circumstances

The use of a crane for delivery and installation is necessary on occasion. It is used primarily to avoid injury to your spa, your property, or to delivery personnel. Your authorized Jacuzzi dealer may be able to assist you with the arrangements. If your spa delivery requires the use of a crane, the cost of a crane is generally not included in standard delivery service.



# 4.0 Electrical Requirements

## Important

**When 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 inspector.**

## Electrical setup before delivery of your spa

1. All 240V spas must be permanently connected (hard wired) to the power supply. 120V spas may use the supplied GFCI cord, plugged into a dedicated grounded outlet (US models only, all Canadian models must be hard wired per CSA standards). See pages 16–21 for specific power supply requirements by model. Supplying power to the spa which is not in accordance with these instructions will void both the independent testing agency's listing and the manufacturer's warranty.
2. The power supplied to the spa must be a dedicated circuit with no other appliances or lights sharing the power.
3. To determine the current, voltage and wire size required for the spa configuration to be connected, refer to Power Supply Requirements on pages 16–21.
  - 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.
  - We recommend copper wire with THHN insulation.
  - All wiring must be copper to ensure adequate connections. **Do not use aluminum wire.**
  - When using wire larger than #6 (10mm<sup>2</sup>), add a junction box near the spa and reduce to short lengths of #8 (8.4mm<sup>2</sup>) wire between the junction box and the spa.

4. The electrical supply for the spa must include a suitably 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 (1.5 m) from the spa water. Check with local municipalities for additional code requirements.
5. The electrical circuit for the spa must include a suitable ground fault circuit interrupter (GFCI) as required by NEC Article 680-42. We recommend Square-D or Cutler Hammer GFCI breakers. (See illustrations on the following pages for the proper wiring configuration for your spa model).

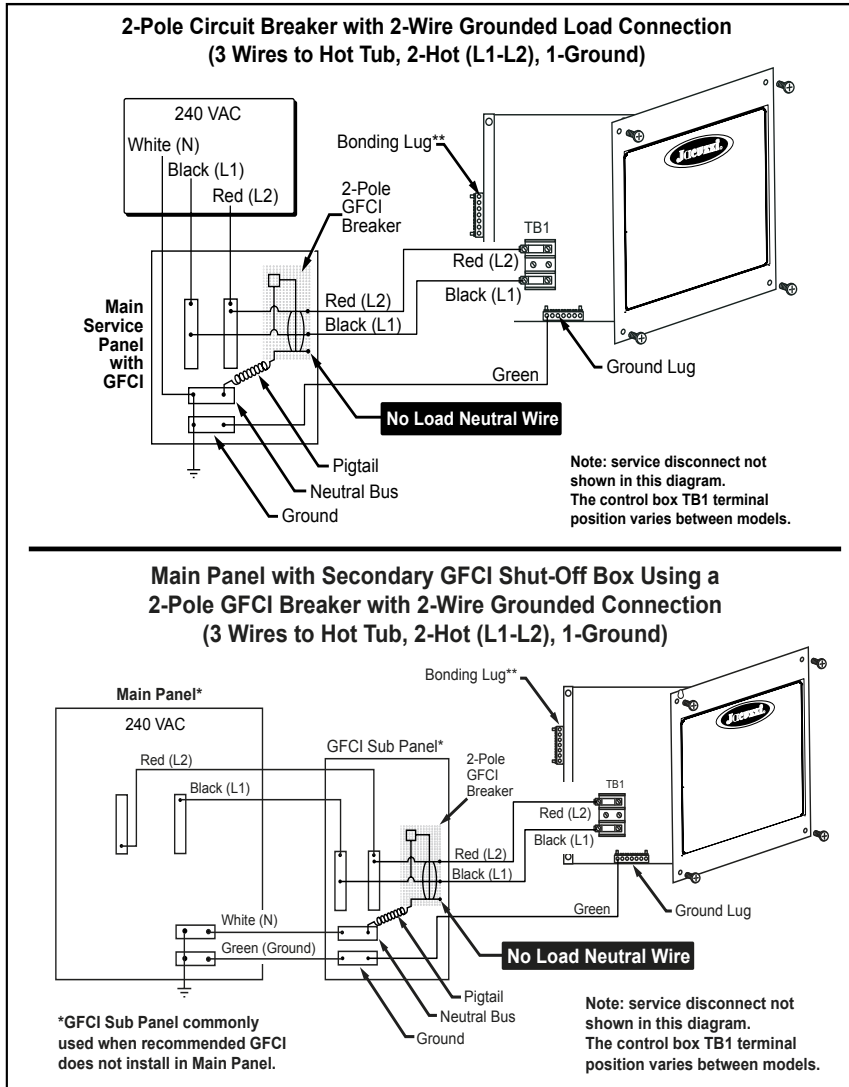


# 5.0 Standard Wiring Practices

## 5.1 240 VAC Hook-Up (US/Canada 60Hz)

- J-230/J-325/J-335/J-345/J-355/J-365/J-375/J-385/J-460/J-470/J-480 Models

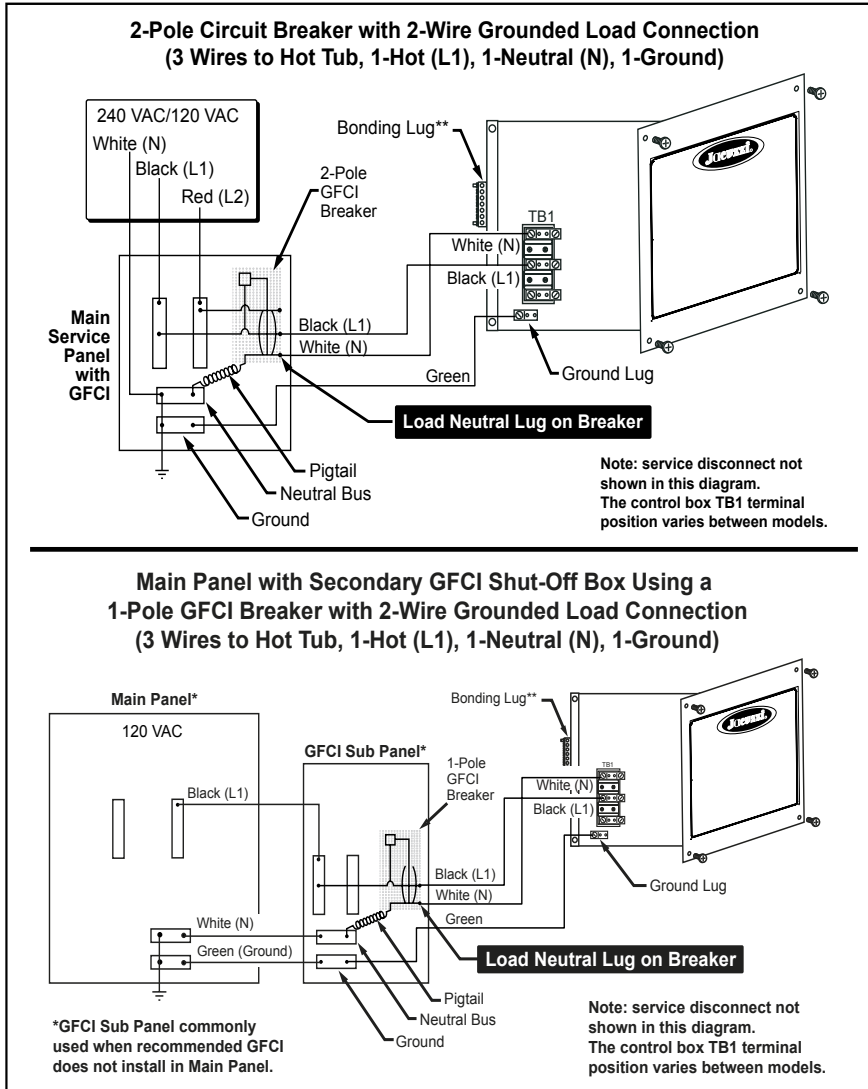
\*\* Note: A pressure sensitive terminal block (Bonding Lug) is provided on the outside surface of the load box to permit connection of a bonding wire between this point and any metal equipment chassis, metal water pipe, or metal conduit within 5 feet (1.5m) of the spa. The bonding wire must be at least #8 AWG (8.4mm<sup>2</sup>) solid copper wire. Before installing this spa, check with the local building department to ensure installation conforms to local building codes.



## 5.2 120 VAC Hook-Up (US/Canada 60Hz)

- J-210/J-220/J-315 Models

These diagrams illustrate discarding the supplied 10 foot GFCI power cord (US Only) for a 3-wire hard wire connection. This action is necessary when the provided 10 foot GFCI cord does not reach a dedicated, grounded wall outlet. For enhanced heater performance using a 4-wire power connection, see page 12. Note: the GFCI power cord is not available for Canadian models.



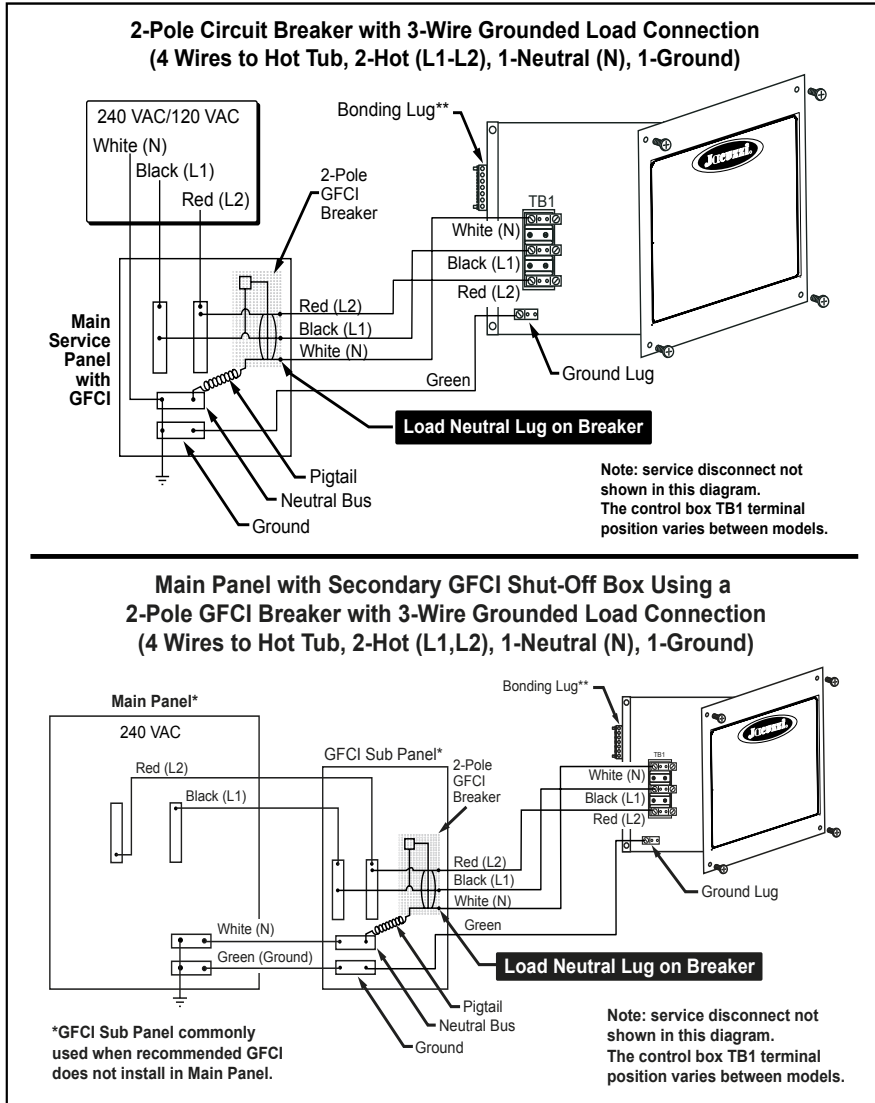
\*\* Note: A pressure sensitive terminal block (Bonding Lug) is provided on the outside surface of the load box to permit connection of a bonding wire between this point and any metal equipment chassis, metal water pipe, or metal conduit within 5 feet (1.5m) of the spa. The bonding wire must be at least #8 AWG (8.4mm<sup>2</sup>) solid copper wire. Before installing this spa, check with the local building department to ensure installation conforms to local building codes.

## 5.3 240 VAC Hook-Up (US/Canada 60Hz)

- J-210/J-220/J-315 Models

These diagrams illustrate using a 4-wire hard wire connection for enhanced heater performance. See page 15 for additional wiring details.

\*\*Note: A pressure sensitive terminal block (Bonding Lug) is provided on the outside surface of the load box to permit connection of a bonding wire between this point and any metal equipment chassis, metal water pipe, or metal conduit within 5 feet (1.5m) of the spa. The bonding wire must be at least #8 AWG (8.4mm<sup>2</sup>) solid copper wire. Before installing this spa, check with the local building department to ensure installation conforms to local building codes.



## 6.0 Electrical Installation Of Spa After Delivery

### Important safety notice for all models!

**Proper grounding is extremely important. This spa is equipped with a current collector system. A pressure securing wire connector is provided on the outside of the load box to permit connection of a bonding wire between the spa and any metal within 5 feet (1.5 m) of the spa. Bonding wire must be at least #8 AWG (8.4mm<sup>2</sup>) solid copper wire.**

- 1** To gain access to the spa's power terminal strip, remove the spa cabinet panel on the side of the spa under the control panel. After removing the spa cabinet panel, remove the four metal control box cover screws and metal control box cover.
- 2** An inlet is provided to allow the power supply to enter the equipment area from the front of the spa near the base. Select the inlet you want to use, then feed the power cable through to the control box.
- 3** Install power cable through the large opening provided on the left-side of the metal control box.
- 4** Connect wires, color to color, on the terminal strips and tighten securely.
- 5** Secure the metal control box door by installing its 4 screws, then re-install the spa cabinet panel under the control panel. Electrical installation is now complete.

# 6.1 Three-Wire 240 VAC Models

(J-230/J-325/J-335/J-345/J-355/J-365/J-375/J-385/J-460/J-470/  
J-480 Models)

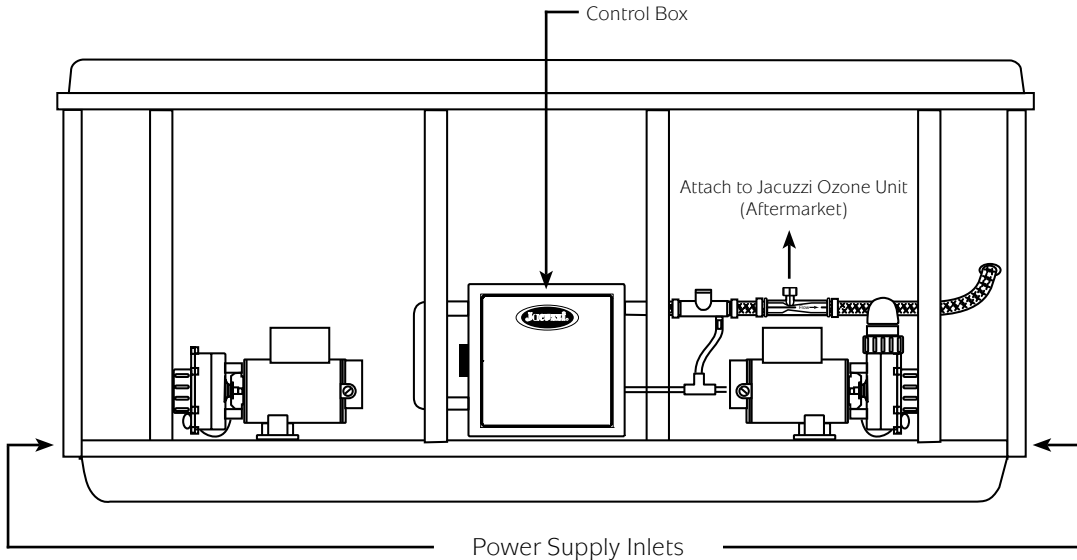
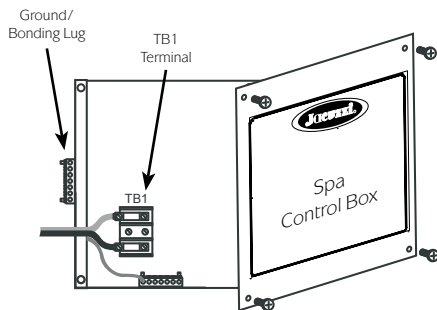


Illustration 2: The spa's equipment compartment.

Illustration 3:  
Control Box



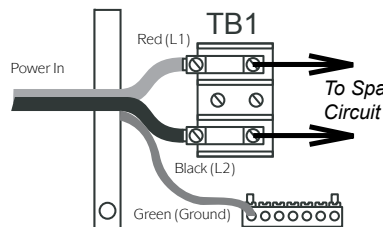
Note: TB1 terminal location may vary between models; 3-wire/240 VAC connection illustrated.

Illustration 4:

### 3-Wire/240 VAC Connection

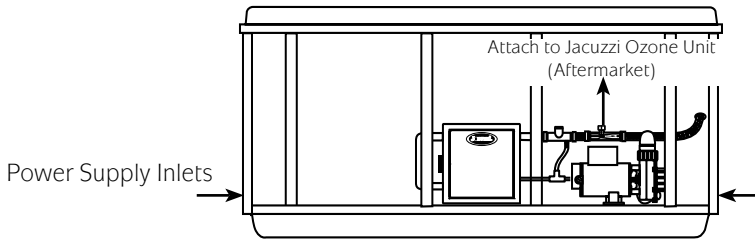
for J-230, J-325, J-335, J-345, J-355, J-365,  
J-375, J-385, J-460, J-470, and J-480 models.

(Hard Wired Connections Only)



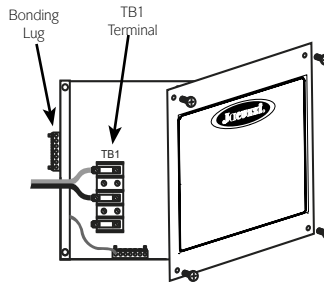
# 6.2 Three-Wire 120 VAC or Four-Wire 120/240 VAC Models (J-210/J-220/J-315 Models)

**Illustration 5: The spa's equipment compartment.**

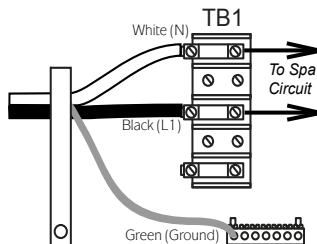


**Illustration 6: Control Box for J-210/J-220/J-315 models.**

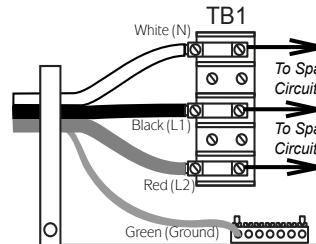
Note: TB1 terminal location may vary between models; 3-wire/120 VAC connection illustrated.



**Illustration 7: 3-Wire/120 VAC Connection for J-210/J-220/J-315 models. (Supplied GFCI Cord or Hard Wired 3-Wire Connection)**



**Illustration 8: 4-Wire/240 VAC Connection for J-210/J-220/J-315 models. (Hard Wired Connections Only)**



# 7.0 Power Configurations

## 7.1 J-210/J-220/J-315 Models (US/Canada 60Hz)

**Important:** All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate 30A or 40A power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.

### STANDARD 15 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING WITH 1KW HEATER OUTPUT) 120VAC/15A 3-Wire (Hot, Neutral & Ground)

Circuit breaker • \*Supplied 15A GFCI Power Cord (US Only) or 15A Single-pole GFCI Breaker  
Number of wires • Three\*  
Current draw • 12 Amps

In 15A configuration the heater **will not operate** when the high-speed jets pump is activated.  
\*The spa must be located no more than 10 feet (3 m) from a dedicated grounded, grounding type electrical outlet so that the power cord can be plugged directly into it. DO NOT USE AN EXTENSION CORD. If the spa is more than 10 feet (3 m) from an outlet it must be hard wired to a 15A single-pole GFCI breaker (purchased separately).

---

### ALTERNATE 30 AMP 4-WIRE POWER CONFIGURATION (FOR ENHANCED 4KW HEATER PERFORMANCE) 240VAC/30A 4-Wire (2 Hots, Neutral & Ground)

Circuit breaker • 30A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Four\*  
Current draw • 21 Amps

If the household's electrical service does not have the full 240V/40A power available, the spa may be connected to 240V/30A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 40A operation but **will not operate** at the same time as the high-speed jets pump.

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### ALTERNATE 40 AMP 4-WIRE POWER CONFIGURATION (FOR ENHANCED 4KW HEATER PERFORMANCE) 240VAC/40A 4-Wire (2 Hots, Neutral & Ground)

Circuit breaker • 40A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Four\*  
Current draw • 30 Amps

In 40A configuration, the heater **will operate** at the same time as the high-speed jets pump. This will require the dealer to perform a minor modification to the circuit board.

\*All Models: Wire size **must** meet NEC recommendations and is determined by maximum current draw and length of run.

## 7.2 J-230 Models (US/Canada 60Hz)

***Important: All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.***

### STANDARD 50 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING)

#### 240VAC/50A 3-Wire (2 Hots & Ground)

Circuit breaker • 50A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 36 Amps

In this configuration, the heater **will not operate** while both jets pumps are running in high speed.  
*Note: pump 2 runs only in high speed.*

---

### ALTERNATE 40 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/50A OR 240V/60A POWER IS UNAVAILABLE)

#### 240VAC/40A 3-Wire (2 Hots & Ground)

Circuit breaker • 40A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 26 Amps

If the household's electrical service does not have the full 240V/50A power available, the spa may be connected to 240V/40A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 50A operation but **will not operate** while either jets pump is running in high speed. *Note: jets pump 2 runs only in high speed.*

---

### ALTERNATE 60 AMP 3-WIRE POWER CONFIGURATION (MAXIMUM HEATER PERFORMANCE)

#### 240VAC/60A 3-Wire (2 Hots & Ground)

Circuit breaker • 60A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 45 Amps

In this configuration, the heater **will operate** while both jets pumps are running in high speed.  
*Note: pump 2 runs only in high speed.*

\*All Models: Wire size MUST meet NEC recommendations and is determined by maximum current draw and length of run.

## 7.3 J-325 Models (US/Canada 60Hz)

***Important: All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.***

### **STANDARD 50 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING FOR MAXIMUM HEATER PERFORMANCE)**

#### **240VAC/50A 3-Wire (2 Hots & Ground)**

Circuit breaker • 50A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 36 Amps

In this configuration, the heater **will operate** at the same time as the high speed jets pump.

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### **ALTERNATE 40 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/50A POWER IS UNAVAILABLE)**

#### **240VAC/40A 3-Wire (2 Hots & Ground)**

Circuit breaker • 40A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 26 Amps

If the household's electrical service does not have the full 240V/50A power available, the spa may be connected to 240V/40A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 50A operation but **will not operate** at the same time as the high speed jets pump.

\*All Models: Wire size MUST meet NEC recommendations and is determined by maximum current draw and length of run.

## 7.4 J-335/J-345/J-355/J-365/J-375 Models (US/Canada 60Hz)

**Important:** All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.

### STANDARD 50 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING)

#### 240VAC/50A 3-Wire (2 Hots, Ground)

Circuit breaker • 50A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 36 Amps

In 50A configuration, the heater **will not operate** while both jets pumps are running in high speed.

*Note: pump 2 runs only in high speed.*

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### ALTERNATE 40 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/50A OR 240V/60A POWER IS UNAVAILABLE)

#### 240VAC/40A 3-Wire (2 Hots, Ground)

Circuit breaker • 40A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 26 Amps

If the household's electrical service does not have the full 240V/60A or 240V/50A power available, the spa may be connected to 240V/40A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 60A or 50A operation but **will not operate** while either jets pump is running in high speed. *Note: jets pump 2 runs only in high speed.*

---

### ALTERNATE 60 AMP 3-WIRE POWER CONFIGURATION (OPTIONAL SETTING FOR MAXIMUM HEATER PERFORMANCE)

#### 240VAC/60A 3-Wire (2 Hots, Ground)

Circuit breaker • 60A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 45 Amps

If the household's electrical service has the full 240V/60A power available, the spa may be connected to 240V/60A if a minor circuit board modification is performed by the dealer. In this configuration, the heater **will operate** while both jets pumps are running in high speed. *Note: jets pump 2 runs only in high speed.*

\*All Models: Wire size MUST meet NEC recommendations and is determined by maximum current draw and length of run.

## 7.5 J-385 Models (US/Canada 60Hz)

***Important: All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.***

### **STANDARD 60 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING FOR MAXIMUM HEATER PERFORMANCE)**

#### **240VAC/60A 3-Wire (2 Hots, Ground)**

Circuit breaker • 60A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 46 Amps

In 60A configuration, the heater **will operate** while any two jets pumps are running in high speed. This may be preferable for owners of outdoor spas in cold climates because it will help their spa maintain water temperature during use.

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### **ALTERNATE 40 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/50A OR 240V/60A POWER IS UNAVAILABLE)**

#### **240VAC/40A 3-Wire (2 Hots, Ground)**

Circuit breaker • 40A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 31 Amps

If the household's electrical service does not have 240V/50A or 240V/60A power available, the spa may be connected to 240V/40A if a minor circuit board modification is performed by the dealer. In this configuration, the heater **will not operate** while any jets pump is running in high speed. *Note: jet pumps 2&3 run only in high speed.*

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### **ALTERNATE 50 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/60A POWER IS UNAVAILABLE)**

#### **240VAC/50A 3-Wire (2 Hots, Ground)**

Circuit breaker • 50A Dual-pole GFCI (Hard Wired Only)

Number of wires • Three\*

Current draw • 36 Amps

If the household's electrical service does not have the full 240V/60A power available, the tub may be connected to 240V/50A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 60A operation but **will not operate** while any two jets pumps are running in high speed. *Note: jet pumps 2&3 run only in high speed.*

\* All Models: Wire size MUST meet NEC recommendations and is determined by maximum current draw and length of run.

## 7.6 J-460/J-470/J-480 Models (US/Canada 60Hz)

***Important: All of the alternative electrical configurations require the dealer to perform minor circuit board modifications. To avoid damage to the spa, do not activate power to the spa until these modifications have been made. We recommend Square-D or Cutler Hammer breakers.***

### **STANDARD 50 AMP 3-WIRE POWER CONFIGURATION (FACTORY SETTING)**

#### **240VAC/50A 3-Wire (2 Hots, Ground)**

Circuit breaker • 50A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 36 Amps

If the household's electrical service does not have the full 240V/60A power available, the tub may be connected to 240V/50A if a minor circuit board modification is performed by the dealer. In this configuration, the heater will yield the same rapid temperature rise as in 60A operation but **will not operate** while both jets pumps are running.

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### **ALTERNATE 30 AMP 3-WIRE POWER CONFIGURATION (FOR HOMES WHERE 240V/50A OR 240V/60A POWER IS UNAVAILABLE)**

#### **240VAC/30A 3-Wire (2 Hots, Ground)**

Circuit breaker • 30A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 23 Amps

If the household's electrical service does not have 240V/50A or 240V/60A power available, the spa may be connected to 240V/30A if a minor circuit board modification is performed by the dealer. In this configuration, the heater **will not operate** while either jets pump is running.

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### **ALTERNATE 60 AMP 3-WIRE POWER CONFIGURATION (SETTING FOR MAXIMUM HEATER PERFORMANCE)**

#### **240VAC/60A 3-Wire (2 Hots, Ground)**

Circuit breaker • 60A Dual-pole GFCI (Hard Wired Only)  
Number of wires • Three\*  
Current draw • 45 Amps

In 60A configuration, the heater **will operate** while both jets pumps are running. This may be preferable for owners of outdoor spas in cold climates because it will help their spa maintain water temperature during use.

\* All Models: Wire size MUST meet NEC recommendations and is determined by maximum current draw and length of run.

## 8.0 Spa Dimensions And Specifications

Model	Width	Length	Depth
J-480	94" (239cm)	94" (239cm)	44" (112cm)
J-470	91" (231cm)	91" (231cm)	44" (112cm)
J-460	77" (196cm)	88" (224cm)	34" (87cm)
J-385	94" (239cm)	94" (239cm)	38" (97cm)
J-375	91" (231cm)	91" (231cm)	38" (97cm)
J-365	91" (231cm)	84" (213cm)	38" (97cm)
J-355	91" (231cm)	84" (213cm)	38" (97cm)
J-345	84" (213cm)	84" (213cm)	36" (91cm)
J-335	84" (213cm)	84" (213cm)	36" (91cm)
J-325	76" (193cm)	84" (213cm)	34" (86cm)
J-315	76" (193cm)	66" (168cm)	32" (81cm)
J-230	84" (213cm)	84" (213cm)	36" (91cm)
J-220	84" (213cm)	76" (193cm)	36" (91cm)
J-210	78" (198cm)	78" (198cm)	36" (91cm)



The specifications published in this booklet are approximate. Always measure your spa before making critical design or delivery pathway decisions.

Model	Filled Weight*	Min. Pad
J-480	4703lbs (2133kg)	4" (102mm)
J-470	4284lbs (1943kg)	4" (102mm)
J-460	3414lbs (1549kg)	4" (102mm)
J-385	5629lbs (2553kg)	4" (102mm)
J-375	4963lbs (2251kg)	4" (102mm)
J-365	4006lbs (1817kg)	4" (102mm)
J-355	3909lbs (1773kg)	4" (102mm)
J-345	3624lbs (1644kg)	4" (102mm)
J-335	3798lbs (1723kg)	4" (102mm)
J-325	3407lbs (1545kg)	4" (102mm)
J-315	2308lbs (1047kg)	4" (102mm)
J-230	3799lbs (1723kg)	4" (102mm)
J-220	3324lbs (1508kg)	4" (102mm)
J-210	2245lbs (1018kg)	4" (102mm)

\* Specifications are for reference only and are subject to change without notice. The filled weight specification listed above will vary depending on water filled height.

**Notes:**

**Notes:**





Hot Tubs

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