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## Beachcomber Hot Tubs

### **Dear Beachcomber Hot Tub Owner:**

*Thank you for purchasing your new Beachcomber Hot Tub. In a small town just ten miles north of the US border in our Canadian Factory in Surrey, BC, your hot tub was built to the latest and highest industry standards in performance.*

*My vision for a new, in home appliance began back in 1978. Those were the days when John Travolta was launching his acting career in films like "Saturday Night Fever" - we were also busy with the beginnings of our newest, 21st century in home appliance. Since then, thousands of Beachcomber owners around the world have enjoyed with family and friends the benefits of using a Beachcomber Hot Tub - no phones, no TV, and no distractions. Those things are important to all of us in our increasingly busy world. It is still my vision to help families come closer together with this unique home appliance that waits for you any time you need it, right in the comfort of your own backyard.*

*It is my personal desire that you get the most from your Beachcomber Hot Tub. There are so many benefits available to you now that you did not have before! When you are relaxing in your hot tub in your backyard, you will realize that warm, bubbly water has tremendous healing and massaging powers for your mind, body and soul.*

*Please take the time to read through this manual and understand the operations of your new hot tub. The pleasurable experiences you'll enjoy will give you many years of tension relief, enjoyment, and relaxation with the ones you love when you follow the simple guidelines in this book.*

*We are constantly improving and upgrading every Beachcomber Hot Tub we build. As part of the Beachcomber Family of owners, your thoughts and ideas are important to us and we welcome your suggestions. Use the address below to write to us. If you know of a friend or relative that is looking for a hot tub, we appreciate your referral and will do all we can to welcome them into the family of Beachcomber Hot Tub owners.*

*Yours truly,*



*Keith Scott*

*Founder, Beachcomber Hot Tubs*

*P.S. Please write or call if you know of someone who is looking for a hot tub. I would be pleased to send you a special Beachcomber gift!*

*Beachcomber Hot Tubs, Home Office  
13245 Comber Way  
Surrey, BC, Canada, V3W 5V8*

***BEACHCOMBER HOT TUB OWNER'S GUIDE***

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*Beachcomber Hot Tubs*

**SECTION 1**

*Installing  
Your  
Beachcomber  
Hot Tub*

*The location of your new Beachcomber Hot Tub is very important. You can share in our years of experience with award winning back yard garden retreats with some good advice in the pages that follow. As you read through, think about where your hot tub will be located and make a few notes. We'll guide you through the process as to where and how your hot tub will give you the most enjoyment for you and your family.*

## *Beachcomber Hot Tubs*

### **WELCOME TO THE BEACHCOMBER FAMILY**

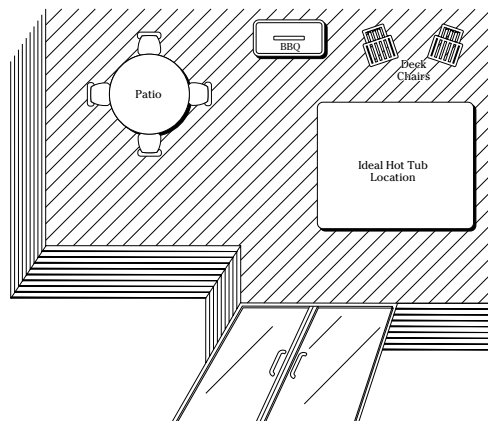
It is our desire to help you get the most from your new Beachcomber Hot Tub. Now, sit back and read about your new home appliance, and rest easy that you have the support behind you to enjoy your hot tub experience.

Your owner's guide explains the operations of your new Beachcomber Hot Tub. It includes valuable information. If you still have questions after reading this book, your Beachcomber dealer is just a phone call away. And, if you ever have a question or concern, you can call North American Customer Care at 1.800.663.6557.

Take the time to read this book. In some cases, failure to follow procedures in this book could result in damage that may not be covered by your guarantee. Please consult your local dealer with further questions.

### **ENJOY YOUR BACK YARD EXPERIENCE**

Many people today do not use their back yards. But with a Beachcomber Hot Tub, you can enjoy the sun, and the stars. Romantic evenings are enhanced when you can look up and see the sky above you as you soak down deep into soothing waters.



### **INSTALL YOUR HOT TUB CLOSE TO YOUR BACK DOOR**

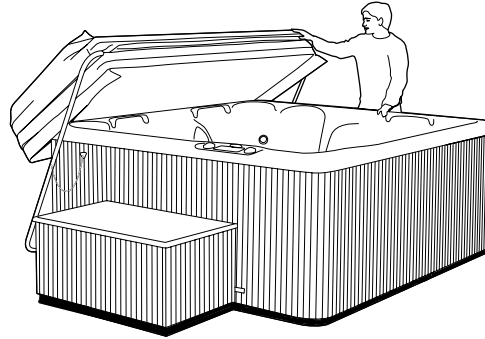
We recommend that you have your hot tub installed about ten feet from your back door. In cooler weather, it's more comfortable getting to and from the hot tub. It also means less wire to install for the certified electrician. Keeping your hot tub close to your home can minimize inconveniences like wind and blowing leaves.

### **PREPARE THE SPOT FOR YOUR HOT TUB**

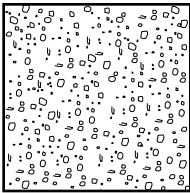
Built as an integrated unit, your Beachcomber Hot Tub is fully portable. If you move, you can take it with you as you would with any other home appliance. That's why it's important to have easy access for installation or removal. Make sure that you have a flat, level spot for your hot tub.

## *Beachcomber Hot Tubs*

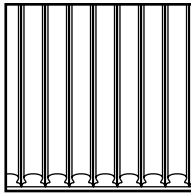
Following are some ideas for you to help you prepare the site. A concrete pad is usually ideal. But if you choose to use another base for your hot tub, these products are widely available at your home renovation store.



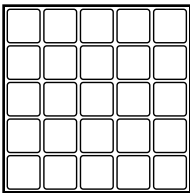
*Protec™ equipped model shown with external power source and Lift 'n' Store Cover Remover*



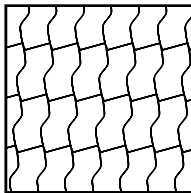
Concrete Pad



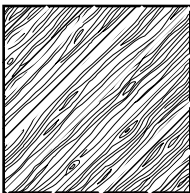
Railroad Ties



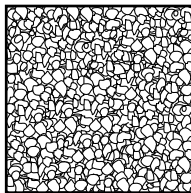
Patio Tiles



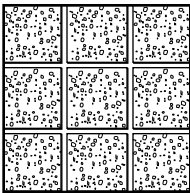
Interlocking Bricks



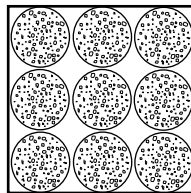
Wood Decking



Gravel/Crushed Rock



Cast Cement Stepping Stones



### **LIFT 'N STORE MAKES COVER REMOVAL EASY**

If you will be installing a Lift 'n Store cover remover, you'll need a few extra inches of clearance. Ask your local Beachcomber dealer for the specifications on the Lift 'n Store.

### **A NOTE ON WOOD DECKING**

A full hot tub can weigh several thousand pounds when filled with water. It's up to you to check with your local city hall for building codes when installing on a raised deck. If you are sinking your hot tub into a deck, make sure that the safety step (on Protec models) fits the installation, or the access doors (on portable models) will open without obstruction.

### **MAKE WAY FOR THE DELIVERY CREW**

Here are three easy steps to check before your hot tub is delivered. Depending on what your installation looks like, these are some of the most common situations we have found, and wanted to pass them along to make your installation easier.

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## *Beachcomber Hot Tubs*

1. Check the width clearance from your house to your fence, and check that your hot tub will fit through your gate. Make note of overhead clearance from eaves, gutters or trees.
  2. Make sure doghouses, children's toys and bikes, firewood and other objects are out of the way. Check your gas meter location to make sure the way is clear.
  3. Your delivery crew needs to know about stairs and turns for dolly access. Make some notes for them before they arrive.
- closer than 5 feet to the hot tub. To reduce the risk of electrical shock, connect the bonding lugs in accordance with your area's electrical code.

### **CONNECTING YOUR HOT TUB TO THE POWER SUPPLY PANEL**

Locate the electrical access on the left and right side of the hot tub in the black kick plate. Route the wires through the side that is most convenient and plug the side not used with the 1" PVC plug provided.

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### **NOTES TO THE QUALIFIED INSTALLER**

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Your Beachcomber Hot Tub is a powerful appliance. We recommend you use a qualified electrician to install your hot tub safely and correctly. They should follow the electrical code for your area. It is always necessary to install a ground fault interrupter (GFCI). This breaker is designed to shut down your hot tub in the event of an emergency.

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### **USE COPPER CONDUCTORS ONLY**

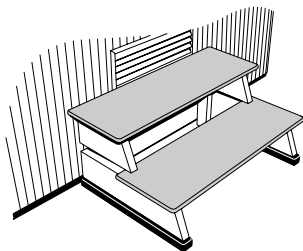
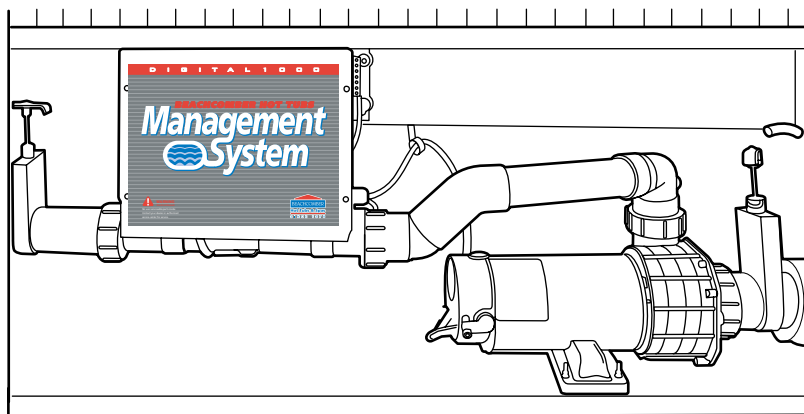
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A connector marked "ground" is provided within the control box. To reduce the risk of electrical shock, connect this connector to the grounding terminal of the electrical service panel with continuous copper wire, equivalent in size to the conductors supplying this equipment. "Bonding lugs" are also provided on the equipment enclosure to connect a minimum No. 6 AWG solid copper conductor between the hot tub and any metal surfaces, that are

## *Beachcomber Hot Tubs*

Beachcomber builds two types of construction styles. No matter which model you have chosen, your Beachcomber Hot Tub is designed to give you many years of relaxation and

enjoyment. We refer to both styles of construction in this booklet, and we wanted to outline these two important features of Beachcomber Hot Tubs before you read the rest of this booklet.



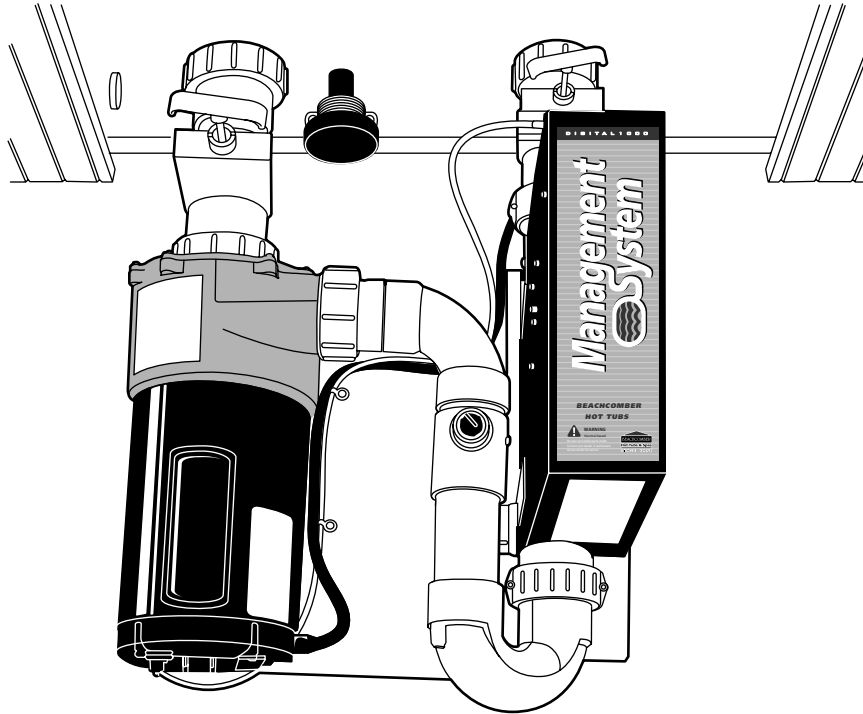
Available step for Portable Hot Tubs

### **PORTABLE**

The first style is called Portable. This model is built with the power source inside the cabinet. The Portable is a durable, quiet, space saving hot tub, and has been a top performer since its launch

in 1996. New engineering techniques have allowed Beachcomber designers to fit all components in a compact format in a hollow, plastic enclosure behind the Portable door.

## Beachcomber Hot Tubs



### PROTEC

The second style is called Protec. This model gives you many different options when looking at more complicated installation sites. In-deck, longer plumbing runs, sunken, complimentary pool installations and other ways of putting in a hot tub can be candidates for the Protec construction option.

Since 1978, Protec has been exclusive to Beachcomber.

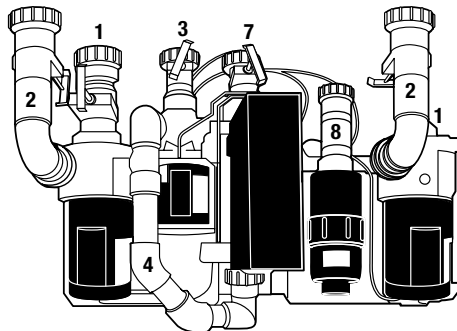
Ask your dealer for more information about Beachcomber's two construction styles.



## Beachcomber Hot Tubs

### Installation Instructions for: 700 SERIES HUSH PUMP™ SYSTEM

1. Carefully unpack equipment and place equipment in front of protec interface plate on hot tub.
2. Secure green ground wires to the ground terminal on the Management System.
3. Plug hot tub light cord into light receptacle on the Management System.
4. Plug ozone generator (optional) cord into ozone receptacle on the Management System.
5. Plug pump1 cord into pump1 receptacle on the Management System.
6. Plug Hush Pump™ cord in Hush Pump™ receptacle on the Management System.
7. Plug pump2 cord into pump2 receptacle on the Management System.
8. Plug blower (optional) cord into blower receptacle on the Management System.
9. Secure both plumbing kits 1 (suctions) unions to pump1 and pump2's inlet ports, ensure gaskets are in place.
10. Secure both plumbing kits 2 (1 speed pump returns) to pump1 and pump2 outlet ports, ensuring gaskets are in place.
11. Secure plumbing kit 3 (hush suction) union to Hush Pump™.
12. Secure plumbing kit 4 (hush pump return) unions to Hush Pump™ outlet port and the Management System inlet port, ensuing gaskets are in place.
13. Secure plumbing kit 7 (heater return) to the Management System, ensure gasket is in place.
14. Secure plumbing kit 8 (blower fitting) to blower, ensuring gasket is in place.
15. Carefully slide equipment forward to meet unions on interface plate, ensure all gaskets are in place, then secure unions.
16. Run control panel wire from interface plate underneath the Management System, then in thru the access hole in bottom of the Management System, and then plug into panel receptacle on circuit board.
17. Slide thermistor probe into compression fitting on interface plate. Insert up to the marker on the wire to make sure it is in all the way. Note: if probe is not installed correctly, the temperature read-out will not be accurate.

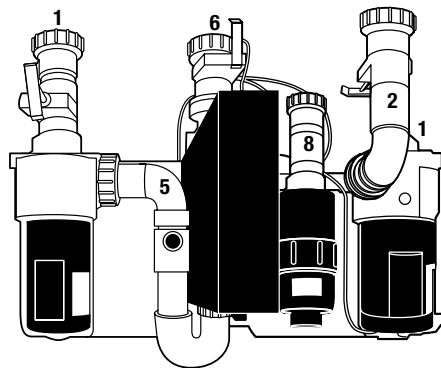


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*Beachcomber Hot Tubs*

**Installation Instructions for:  
700 SERIES 2 SPEED PUMP SYSTEM**

1. Carefully unpack equipment and place equipment in front of protection interface plate on hot tub.
2. Secure green ground wires to the ground terminal on the Management System.
3. Plug hot tub light cord into light receptacle on the Management System.
4. Plug ozone generator (optional) cord into ozone receptacle on the Management System.
5. Plug pump1 cord into pump1 receptacle on the Management System.
6. Plug pump2 cord into pump2 receptacle on the Management System.
7. Plug blower (optional) cord into blower receptacle on the Management System.
8. Secure both plumbing kits 1 (suctions) unions to pump1 and pump2's inlet ports, ensure gaskets are in place.
9. Secure plumbing kit 5 (pump return) unions to 2 speed outlet port and the Management System inlet port, ensuring gaskets are in place.
10. Secure plumbing kit 6 (heater return) to the Management System, ensure gasket is in place.
11. Secure plumbing kit 8 (blower fitting) to blower, ensuring gasket is in place.
12. Secure plumbing kit 2 (1 speed pump return) to pump 2, ensuring gasket is in place.
13. Carefully slide equipment forward to meet unions on interface plate, ensure all gaskets are in place, then secure.
14. Run control panel wire from interface plate underneath the Management System, then in thru the access hole in bottom of the Management System, and then plug into receptacles on the right side of the circuit board.
15. Slide thermistor probe into compression fitting on interface plate. Insert up to the marker on the wire to make sure it is in all the way. Note: if probe is not installed correctly, the temperature read-out will not be accurate.

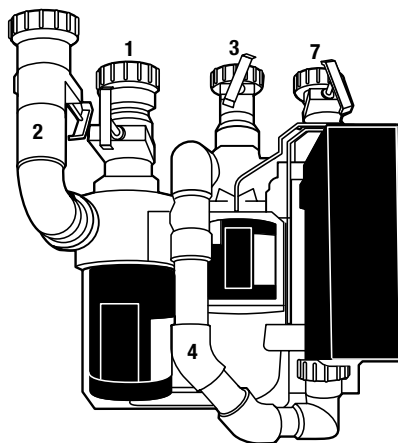


## Beachcomber Hot Tubs

### Installation Instructions for: 500 SERIES HUSH PUMP™ SYSTEM

1. Carefully unpack equipment and place equipment in front of protec interface plate on hot tub.
2. Secure green ground wires to the ground terminal on the Management System.
3. Plug hot tub light cord into light receptacle on the Management System.
4. Plug ozone generator (optional) cord into ozone receptacle on the Management System.
5. Plug pump1 cord into pump1 receptacle on the Management System.
6. Plug Hush Pump™ cord in Hush Pump™ receptacle on the Management System.
7. Secure plumbing kit 1 (suction) union to 1 speed pump inlet port, ensuring gaskets are in place.
8. Secure plumbing kit 2 (pump return) union to 1 speed pump outlet port, ensuring gasket is in place.
9. Secure plumbing kit 3 (hush suction) union to Hush Pump™.
10. Secure plumbing kit 4 (hush pump return) unions to Hush Pump™ outlet port and the Management System inlet port, ensuing gaskets are in place.
11. Secure plumbing kit 7 (heater return) to the Management System, ensure gasket is in place.
12. Carefully slide equipment forward to meet unions on interface plate, ensure all gaskets are in place, then secure unions.
13. Run control panel wire from interface plate underneath the Management System, then in thru the access hole in bottom of the Management System, and then plug into panel receptacle on circuit board.
14. Slide thermistor probe into compression fitting on interface plate. Insert up to the marker on the wire to make sure it is in all the way.

Note: if probe is not installed correctly, the temperature read-out will not be accurate.

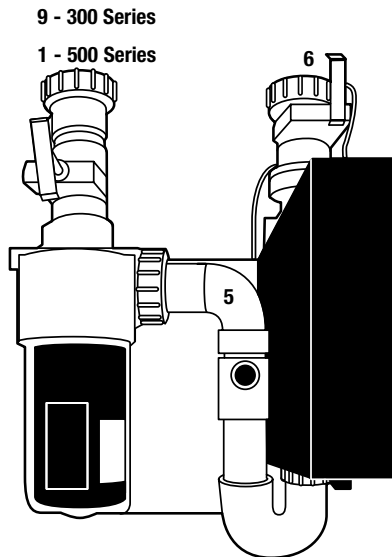


## Beachcomber Hot Tubs

### Installation Instructions for: 300/500 SERIES 2 SPEED PUMP SYSTEM

1. Carefully unpack equipment and place equipment in front of protection interface plate on hot tub.
2. Secure green ground wires to the ground terminal on the Management System.
3. Plug hot tub light cord into light receptacle on the Management System.
4. Plug ozone generator (optional) cord into ozone receptacle on the Management System.
5. Plug 2 speed pump cord into pump1 receptacle on the Management System.
6. Secure plumbing kit 1 (500 Series) or 9 (300 Series) (suction) unions to 2 speed pump inlet ports, ensure gaskets are in place.
7. Secure plumbing kit 5 (pump return) unions to 2 speed outlet port and the Management System inlet port, ensuring gaskets are in place.
8. Secure plumbing kit 6 (heater return) union, ensure gasket is in place.
9. Carefully slide equipment forward to meet unions on interface plate, ensure all gaskets are in place, then secure.
10. Run control panel wire from interface plate underneath the Management System, then in thru the access hole in bottom of the Management System, and then plug into receptacles on the right side of the circuit board.
11. Slide thermistor probe into compression fitting on interface plate. Insert up to the marker on the wire to make sure it is in all the way.

Note: if probe is not installed correctly, the temperature read-out will not be accurate.



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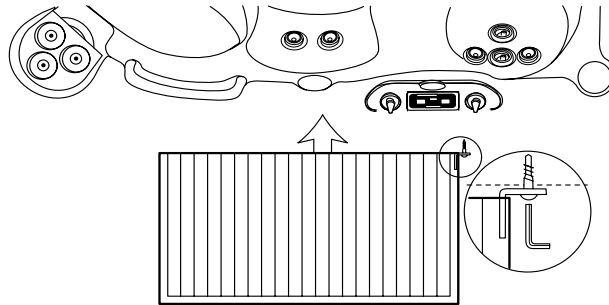
*Beachcomber Hot Tubs*

**MOUNTING STEP BRACKETS ON  
PROTEC EQUIPPED HOT TUBS**

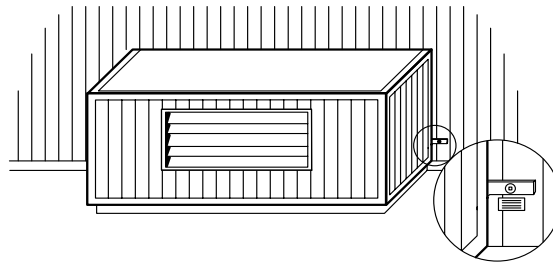
All screws are pre-installed from the factory for mounting your Protec safety step to your hot tub. The brackets to mount the step to the hot tub are factory installed inside the step walls, and are able to slide freely from side to side.

To install, line up the safety step to the wall of the hot tub. Bend the brackets out to match the holes for the screws, and simply use the Allen key provided to screw the 20 mm bolts into the holes to secure the step to the hot tub.

Your step must be secured to your hot tub at all times, for maximum safety:



Hardware is installed on both sides of your safety step.





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*Beachcomber Hot Tubs*

**SECTION 2**

*Stay Safe  
And Enjoy Your  
Beachcomber  
Hot Tub*

*It is our desire to have you enjoy the highest level of safety with your new Beachcomber Hot Tub. There are precautions you can take to make sure your family and friends enjoy a pleasurable soak every time. Take a few minutes to read and understand the following pages regarding safety.*

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## *Beachcomber Hot Tubs*

### **A BEACHCOMBER HOT TUB OFFERS YOU MANY BENEFITS**

Your new Beachcomber Hot Tub offers you many benefits that you will discover in the months and years to come. One of them is Hydrotherapy. With the regular use of your hot tub, you can relieve aches and pains and enjoy the pleasure of total relaxation. We recommend that you use your Beachcomber Hot Tub for about 20 minutes every other day.

At Beachcomber, we are committed to ongoing change and innovations. In the last five years, these are some of the beneficial features that you will find on your hot tub. These have taken years to concept, design, test, perfect and manufacture. You enjoy the “best of the best” when you buy Beachcomber! We build our hot tubs with your needs in mind. We wanted to share with you some of the safety features of your new Beachcomber Hot Tub that you will come to appreciate as you use your hot tub.

### **BODY MOLDED STEPS FOR EASIER ENTRY AND EXIT**

Beachcomber designers are always looking for ways to make our hot tubs more efficient. So we included steps inside our hot tubs to make it easier for you to find your way during exit and entry. With their rounded, contoured edges, you can rest easy knowing that you won't bump your feet or your knees on any hard edges.

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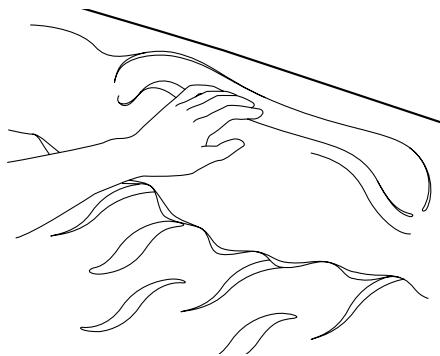
### **WARNING**

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To avoid injury, exercise care while entering or exiting your hot tub.

### **BODY MOLDED HAND GRIPS FOR SAFETY**

Your hot tub has been molded from the factory with ergonomically designed hand grips. Completely unique to Beachcomber, these grips enhance your bathing by giving you a sure grip when you exit or enter the hot tub. There are no rails or rods to worry about coming loose - just molded acrylic, as a part of the whole hot tub shell.



*Beachcomber's handgrips make entry and exit safe and easy in our 300, 500 and 700 Series hot tubs.*

### **TEXTURED FOOTWELL AND STEP SURFACES**

Beachcomber designers took the time to put a heavy duty, textured surface on critical areas of your hot tub. Wherever you step or cool off, you'll find this convenient, pleasing texture that reminds you that every Beachcomber Hot Tub is built for safety as well as comfort. It's important to us to give you the best safety features available.

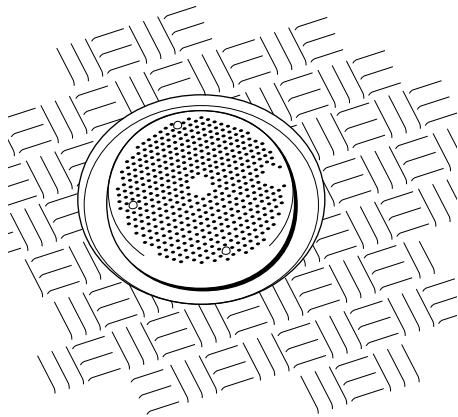
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## *Beachcomber Hot Tubs*

### **THE CONVENIENCE OF DIGITAL CONTROLS**

Beachcomber's "Energy Saver" controls transmit your command to the pump and motor with a tiny, electrical charge. This control panel is completely sealed by a tough, impenetrable plastic product called Lexan. Your hot tub may be equipped with a reversible display (Digital 3000) so that you can read it from in or out of the hot tub. Your hot tub may also be equipped (700 series only) with a secondary control pad for the jets and the light accessible from inside the hot tub. This "convenience control" allows you to operate critical functions without moving from your seat.

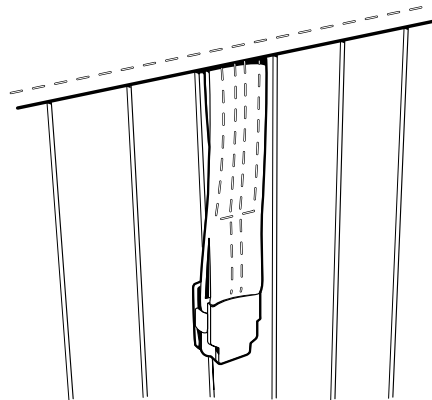


### **FLOOR DRAIN JUST LIKE YOUR BATHTUB IN YOUR HOME**

You will never have to worry about your back, bending into your hot tub to bail out water - the drain does it all for you. Just like your bathtub at home, your Beachcomber Hot Tub drains by gravity.

### **HEATSHIELD COVER CHILD PROOF LOCKS**

This is just one more way that Beachcomber offers features that help to keep your hot tub a safe, fun way to relax and relieve your daily stress. With lockable tabs on your cover, you can secure down the cover so that children and pets can't get in. It's a simple concept, with a very practical application.



*Beachcomber's heatshield child locks help prevent unwanted entry.*

### **MICROFILTER DESIGN FOR MAXIMUM FILTRATION**

Beachcomber's unique microfilter is a component of your hot tub that you will appreciate the first time you use it. When it comes time to clean your filters, simply lift them out of the built-in filter canister. The microfilter makes hot tub care simple and effortless (See Page 2-3).

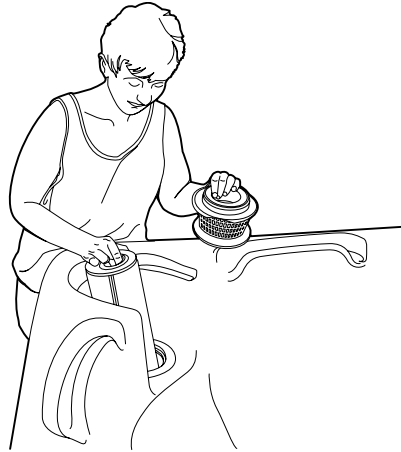


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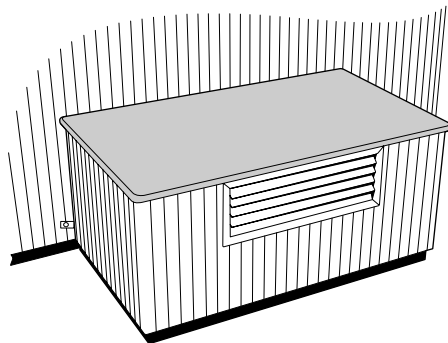
## Beachcomber Hot Tubs



*It's easy to remove or replace your filters with Beachcomber's Microfilter.*

### THE PROTEC ENERGY SAVER OPTION

Beachcomber offers you options. If your hot tub is equipped with the Protec option, you will see that you have a safety step included with your hot tub. This sturdy step makes it easy to enter and exit, and also acts as a cover and a sound dampener for your hot tub equipment. The convenience of easy access is part of the Protec option. Your step doubles as a safety feature, and a functional cover for hot tub equipment.



2 - 3

### SUPERIOR COMFORT BODY MOLDS

Not only is your Beachcomber Hot Tub comfortable, it is safe in another way - by having soft, body molded curves. You won't find any hard, angular edges to bump your knees on. Every hot tub that goes through our design room is tested not only for durability, strength and performance, but also for ultimate comfort.

### BEACHCOMBER HOT TUB SAFETY TIPS

Your Beachcomber Hot Tub has been designed and built with the most advanced safety features available on the market today. We take every precaution we can to make it the safest you can buy, however, there are a few things you can do to protect yourself from accidents. Some basic safety tips should be followed when you install your new hot tub, to ensure that you have a safe, fun place to enjoy hot water with your family and friends.

### KEEP STANDARD EQUIPMENT INTACT

Your Beachcomber Hot Tub comes standard with safety features. One of them is the plastic fitting on the suction(s) in the footwell. This fitting should never be removed. If it needs attention, please contact your authorized Beachcomber Dealer Service Center.

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### WARNING

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Do not use your hot tub unless all suction guards are installed to prevent body and hair entrapment.

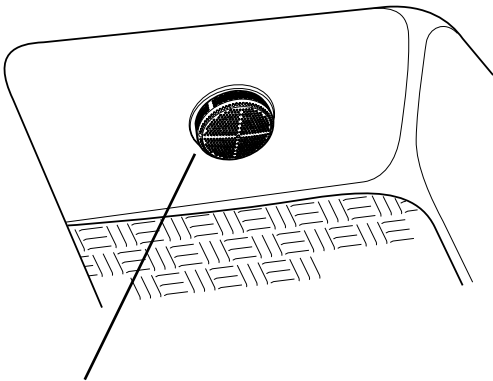
*Stay Safe and Enjoy your Hot Tub*

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## Beachcomber Hot Tubs

This will eliminate the chance of hair entrapment by either the Microfilter or the suction fitting(s). Don't forget that altering (apart from the service technician from your Beachcomber store) your hot tub could void your warranty.



*Beachcomber's suction fittings help circulation of your water for maximum filtration and hydrotherapy.*

### CHILDREN AND YOUR HOT TUB

Like any body of water, a hot tub can be a dangerous place for children.

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#### WARNING

Children should not use your hot tub without adult supervision.

Inspect your children's pool and spa toys to ensure that there are no moving parts or other breakables that can come apart. See your Beachcomber Hot Tub store for approved toys for use in a hot tub.

Never allow your children to submerge themselves in your hot tub. With the higher temperatures of the hot tub (100 F or 38 C), it is not recommended for your children (or yourself) to submerge deeper than your collarbone. Make sure that your children have a proper cooling down time - they should not stay in your hot tub for more than 15 minutes at a time, and may require you to lower the temperature of your hot tub.



*We recommend that you not submerge below your collarbone area.*

---

### WALK, DON'T RUN!

Just like the rules at your local swimming pool, never run around or into your hot tub! Avoid injury by taking care while entering and exiting your hot tub.

### WATER TEMPERATURE

We recommend that the water in your hot tub should not exceed 104 F or 40 C. Comfortable temperatures at or below this level are considered safe for a healthy adult. Lower temperatures are recommended for extended use and for young children or the elderly.

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## *Beachcomber Hot Tubs*

Avoid using your Beachcomber Hot Tub alone. Longer exposure could cause a condition called Hyperthermia (elevated body temperature). Hyperthermia occurs when the internal temperature of the body reaches several degrees above normal (98.6 F or 37 C). Symptoms include dizziness, fainting, drowsiness and lethargy (sluggishness). If you feel any of these symptoms, exit the hot tub immediately. Some of the effects of impending hyperthermia include unawareness of the impending hazard, failure to perceive the heat or the need to exit the hot tub, the inability to exit, fetal damage in pregnant women, and unconsciousness with a danger of drowning.

### **ALCOHOL, DRUGS AND YOUR HOT TUB**

The use of alcohol, drugs or medication can greatly increase the risk of fatal hyperthermia in a hot tub.

---

#### **WARNING**

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Do not use drugs or alcohol before or during the use of your hot tub, to avoid unconsciousness and possible drowning.

Some medications may cause drowsiness, while others may affect heart rate, blood pressure and circulation. If you are using prescription medication, consult your Physician before using your Beachcomber Hot Tub.

---

#### **WARNING**

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People with infectious diseases should not use a hot tub.

### **PREGNANT WOMEN AND HOT TUBS**

We recommend that pregnant women do not use a hot tub. Higher water temperatures have a high potential for causing fetal damage during the early months of pregnancy. Pregnant or possibly pregnant women should avoid using the hot tub.

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#### **WARNING**

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People using medications and/or having an adverse medical history should consult a physician before using a hot tub.

### **OTHER ELECTRICAL APPLIANCES**

Your Beachcomber Hot Tub is a powerful electrical appliance. To reduce the risk of electrical shock, do not allow any other appliances such as lights, telephones, radios, televisions, hair dryers etc. within 10 feet /3 meters of your hot tub.

Beachcomber Hot Tubs are industry approved.





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*Beachcomber Hot Tubs*

**SECTION 3**

*How To Use  
And Maintain Your  
Beachcomber  
Hot Tub*

*Follow these easy steps to get your hot tub up and running. Your dealer will come and start your hot tub with you, and walk you through its operations. And if you ever have a question or concern, you can call your local dealer for support, or call Beachcomber's North American Customer Care line at 1.800.663.6557.*

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## *Beachcomber Hot Tubs*

### **STARTING YOUR BEACHCOMBER HOT TUB**

After your hot tub is installed by a qualified installer, your Beachcomber dealer will come and start up your hot tub for you. But before they arrive at your home to do the “wet start” with you, you can fill your hot tub - it does not require special water - it is designed to be filled with water directly from your garden hose.

Note: Do not use your hot tub until a disinfectant level has been established.

When you first fill your hot tub, and depending on where you live and the type of water supply you have, the water may appear somewhat green once the hot tub is filled. This is normal! Beachcomber’s water treatment program will soon give you clear, sparkling water to enjoy with family and friends! The steps that follow are outlined for you to show you how your dealer will first start your hot tub. It’s best to allow your dealer to do this for the first time to show you the simple steps of start up.

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### **WARNING**

Always make sure that there is enough water in your hot tub. Low water levels can damage your equipment and void your guarantee.

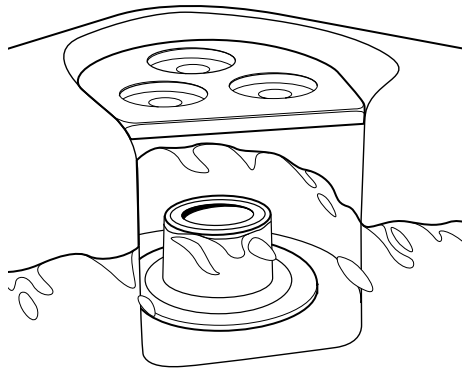
### **STEP 1: PREPARING THE EQUIPMENT**

Switch the power at the main power supply panel to the “Off” position. Open all knife valves to allow the water to fill the equipment for proper water flow. Make sure that the drain fitting is closed. Make

sure the filters are in place in the microfilter / upfront system (See illustration on page 3 - 3).

### **STEP 2: FILLING THE HOT TUB**

Fill the hot tub with water from your garden hose, to the correct level.



*Correct water level for  
Beachcomber’s Microfilter:  
halfway up the skimmer opening*

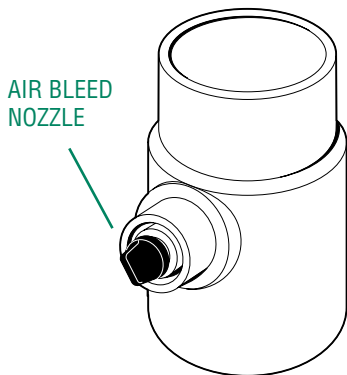
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### **SPECIAL NOTE:**

There may be air inside the equipment that needs to be bled to prevent damage to the internal equipment. To bleed the air, open the black air bleed valve one half turn to release any trapped air.

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*Beachcomber Hot Tubs*



Once the sputtering has stopped and a steady flow of water is coming out, close the air bleed valve (hand tighten only). Hand tighten any unions if needed, and visually check the equipment for drips.

**STEP 3: STARTING THE PUMP**

Switch the power at the main power supply panel to the “ON” position. Your pump will come on at a low speed automatically. You will hear some bubbling as air is forced out of the lines. Wait until all air is out before switching pumps to high speed.

Your hot tub is preset from the factory and will heat automatically to 100F / 38C degrees, taking from six to twelve hours to heat up to temperature. See Section 5 for instructions on using your digital controls.

**DRAINING YOUR HOT TUB**

Before draining your hot tub, turn off the switch at the main power supply panel. Ensure that the sanitizer level is at 0 ppm before draining. Ensure that all knife valves are in the open position.

Beachcomber’s gravity drain works the same way as the drain in the bathtub in your home. Attach your garden hose by threading it onto the drain/valve, and place the other end of the hose at a suitable draining site. Open the drain valve on your hot tub and drain the water. This process will take from 1 to 4 hours, depending on the size of your hot tub.

---

**WARNING:**

Running your hot tub without water, or with low water levels will damage your hot tub’s equipment and void your guarantee. Ensure all power is turned off at the main power supply panel before draining.

---

**SPECIAL NOTE:**

In areas with cold climates, Beachcomber recommends that you time your draining activity in the early spring and in the late fall to avoid winter draining. Winter draining is not recommended where temperatures go below freezing. Should you need to drain your hot tub during the winter, contact your Beachcomber dealer for advice.

## *Beachcomber Hot Tubs*

### **AFTER DRAINING IS COMPLETED**

Remove the garden hose from the drain fitting. The knife valves should still be in the open position. This is your opportunity to care for your hot tub to maintain its appearance and cleanliness. Remove your filters and clean with Filter Pure / Cure (alternately). Clean the Acuralux acrylic surface of your hot tub with a few drops of Tub Clean to remove scum lines. Your hot tub cover can be cleaned and protected with a damp cloth using CoverAll. These cleaning products are available at your Beachcomber dealer; be sure to follow the directions on the bottle for maximum performance.

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### **WARNING:**

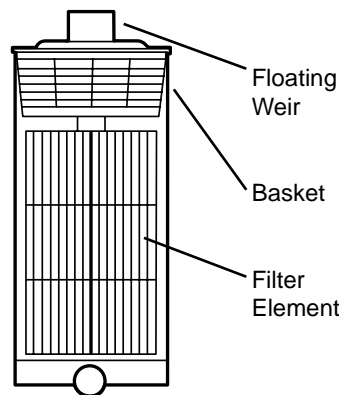
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Do not leave your water treatment products outside. If they are subject to extreme heat or cold, their effectiveness can be impaired making them unusable. Always keep these and other chemicals **OUT OF REACH OF CHILDREN.**

We recommend that after draining or cleaning your hot tub that you put the heatshield cover back on. Avoid extended direct sunlight exposure on the acrylic surface, which can cause surface fading or cracking, which could void your warranty.

### **BEACHCOMBER'S FILTRATION SYSTEM**

Beachcomber offers one of the most advanced, compact and efficient filtration systems available on the market today. Beachcomber's Microfilter is the result of years of testing, research and design. After perfecting this system, it will keep your water clean and allow your Beachcomber Hot Tub to do what it's built to do- to relieve your daily stress, and help you relax and wind down after a long day. Keeping your filtration system running and performing as it should is easy.



**MICROFILTER SYSTEM**

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*Beachcomber Hot Tubs*

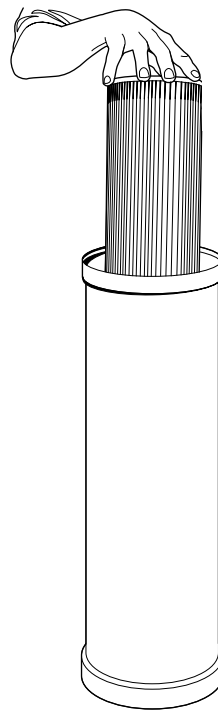
**CLEAN FILTERS MEAN  
CLEAN WATER**

Extend the life of your filters with monthly cleaning. Your filters should last for several years if maintained properly. After your hot tub is drained, place your filters in a bucket with enough water to submerge the filters. Beachcomber offers a specialized cleaning canister, available from your local store (shown at right).

Use Filter Pure or Filter Cure when it's time to clean your filters. Following the directions on the bottles will ensure that your filters are in top shape. Filter Pure removes organic waste from your filters, and Filter Cure removes calcium deposits. Both bather waste and calcium deposits will reduce your filter's performance. Alternating monthly between these two products ensures that your filters will keep your hot tub water clean. Visit your local store to reorder new filters for your Beachcomber hot tub.

**FILTER CLEANING  
MAINTENANCE SCHEDULE**

Use the handy schedule on the following page to keep a record of your hot tub filter cleaning. This schedule will also help you to keep track of alternating Filter Cure and Filter Pure to maximize your filter's performance.



Beachcomber's Microfilter cartridge is easy to remove for cleaning. We recommend you keep two cartridges, one for cleaning and one ready to use.



  
*Beachcomber Hot Tubs*

**TWO YEAR FILTER CLEANING MAINTENANCE SCHEDULE**

<b>MONTH</b>	<b>YEAR</b>	<b>DATE CLEANED</b>	<b>FILTER CURE</b>	<b>FILTER PURE</b>
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

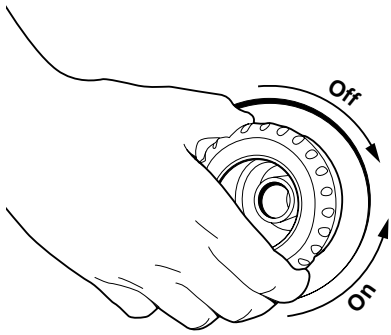
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## *Beachcomber Hot Tubs*

### **GETTING THE MOST FROM YOUR HOT TUB JETS**

Your Beachcomber Hot Tub jets are fully adjustable. You can personalize your own massage in your favorite seat, by turning the outside ring either counterclockwise for a stronger flow, or clockwise for a smaller flow. To turn them off, simply turn all the way clockwise to stop the flow of water. The outer ring is grooved for you to give a quick and easy grip for adjustment. These quality fixtures are very low maintenance; cleaning them once every three months to remove debris should be sufficient.



### **MANY MESSAGE INSERTS ARE REMOVEABLE**

You can remove your Beachcomber Hot Tub massage insert for cleaning very easily. Turn them counterclockwise until you feel sudden resistance, then turn a bit harder to pop out the insert. When you replace the massage insert, turn them back until they lock into place. Many of the massage inserts in your hot tub are interchangeable from one Waterport™ location to another.

### **QUALITY CONSTRUCTION MAKES SMOOTH OPERATION**

Some Beachcomber massage inserts run on a bearing system. These bearings allow the jets to spin freely. Others run with a continuous stream of water as a non-removeable fixed unit.

### **THE WATERPORT™ STORY**

Since 1978, Beachcomber has been on the forefront of leading hot water massage technology. From the “ecsta-seat”, introduced in 1992, to the “vertesage” neck massaging jet introduced in 1998, Beachcomber has continued to develop a unique system of “Waterports™” that give you many types of tension relieving therapy for three areas of your body that benefit from frequent massage; your neck, back and feet. These parts of your body take a beating every day, and need to be gently, and sometimes vigorously massaged to improve circulation.

Massaging will change your outlook on life - soothing, pulsating action softens the tissue and creates endorphins - the brain’s natural chemical sedative - giving you a feeling of well being and relaxation. These feelings are very important to a healthy lifestyle. All of us feel that we are far too busy. It’s true - we are - and in this world of email, DVD, CD, Cell Phones, Pagers, Palm Pilots and Infrared, we need a chance to get away and recuperate. Massaging and water therapy is becoming increasingly important! We need to be massaged to relieve that daily stress.



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## *Beachcomber Hot Tubs*

### **WHAT ARE WATERPORTS?**

What you need and deserve is information and education, because awareness for hot tubs is still very low. We are in a young industry - that's why we are committed to the education process. Your dealer can provide that knowledge by educating you about massaging and body therapy with WaterPorts™. Here's a quick look at the terminology for Beachcomber's WaterPorts™.

### **WATERPORTS GIVE YOU FLEXIBILITY**

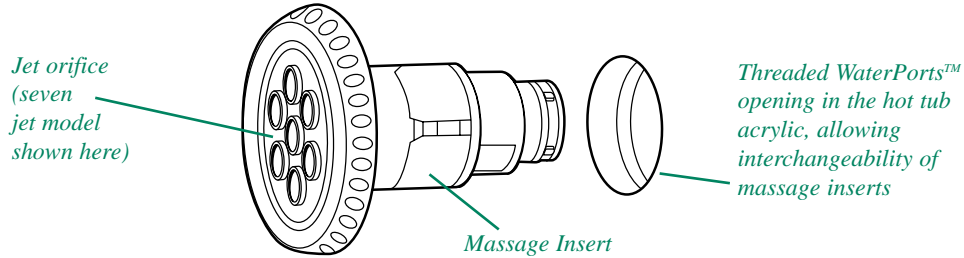
WaterPorts™ are linked to more than just jets - it's linked to interchangeability, flexibility, massage customization, proper flow and design and much more. With the WaterPort™ option available to you, you can adjust your massage to give your neck, back and feet the massage they need to make you feel good all over. Interchange your massage inserts to suit the type of massage you require to relieve tension and stress that builds up in your body day after day.

### **EASE OF USE OF THE MASSAGE INSERTS**

Beachcomber massage inserts come in Small, Medium, Large and Extra Large. The Medium, Large and Extra Large massage inserts are interchangeable. Each massage insert has a notched outer ring so that you can adjust the volume and pressure of water coming through to further customize your massage! Your dealer keeps a stock of these massage inserts for you to choose the option of customizing your jetting configurations.

There are a standard number of WaterPorts™ that come with each Beachcomber model from the factory. You'll find these listed in Beachcomber's Home Hot Tub Buyer's Guide, available from your local Beachcomber store. Your dealer is capable of recommending which massage inserts go where for the massage you want. After all, they see these hot tubs every day and they've tried them all. They've heard what hundreds of other customers have to say, and have sold many of these equipped with their recommendations. If you still have further questions about the WaterPorts™ system, feel free to call your Beachcomber store. They would be glad to assist you to show you how the WaterPorts™ system can help you customize your massage.

## Beachcomber Hot Tubs



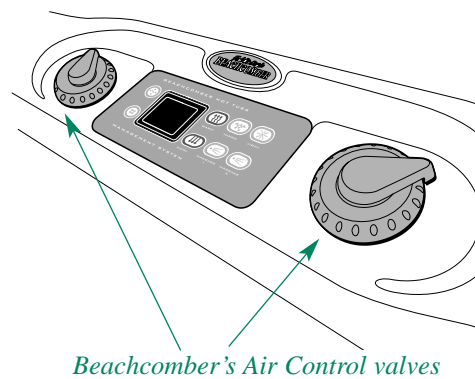
As you get to know your Beachcomber Hot Tub, you'll develop favorite seating arrangements with customized massages. Experiment with your Waterports™ to find the massage that best meets your needs. With about twenty minutes in your Beachcomber hot tub every other day, you'll notice the calming effect that your hot tub will have on your body, and you will come to anticipate it to help relieve the daily stress of your busy life. After all, you've earned it!

### **WARNING**

Prolonged immersion in your hot tub may be injurious to your health.

### **AIR CONTROLS ADD TO YOUR MESSAGE EXPERIENCE**

Every Beachcomber Hot Tub is equipped with either one or two air controls. These special valves can be in the open (turn counterclockwise) or closed (turn clockwise) position. In the open position, the air control(s) allow forced air from the pump to be injected into the piping and out through the jets - the bubbles that are created give you a more vigorous massage. You can adjust the opening of these air control(s) to customize your massage. In the open position, your hot tub on high speed will look like the inviting, exciting personal massage center that it is!





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*Beachcomber Hot Tubs*

**SECTION 4**

*Caring For Your  
Beachcomber  
Hot Tub  
Investment*

*It's very important to us to show you how to get the most from your new Beachcomber Hot Tub. With proper care, your hot tub will perform and give you countless hours of enjoyment. Read this section carefully to make sure that you get what you paid for - relaxation and daily tension relief!*

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## *Beachcomber Hot Tubs*

### **CARING FOR THE HOT TUB CABINETRY**

Native to North America, western red cedar is one of the most highly prized woods in the world. West Coast First Nations called western red cedar “long life giver” because its wood, bark and roots supplied so many of their artistic and material needs. Builders admire its long, straight grain and resistance to natural decay. That’s why it’s so important to keep it looking new. You can do that by applying Nu Wood two step process to the cabinetry once a year. Nu Wood is easy to use, and it’s available at your local Beachcomber Hot Tub store. Ask for it by name.



Avoid applying varnish, shellac or surface sealant to the wood. They tend to react with the natural chemicals in the cedar and could spoil the finish with yellowing, peeling or flaking. Your new Beachcomber Hot Tub’s cabinet is treated with a special sealant at the factory.

### **CARING FOR YOUR ECO-THERM HEATSHIELD COVER**

Your Beachcomber Heatshield is made from the toughest marine grade vinyl, and will last through many seasons. It is

designed to insulate, save money and electricity, and protect your hot tub. The best protection you can offer your heatshield from the sun’s UV rays is “CoverAll”. Simply spray it on and wipe it down with a clean cloth. Try to do this when it’s slightly overcast and not too hot outside. This will give the CoverAll time to permeate and protect.

---

### **WARNING:**

Your heatshield is not a place to play for children, or a place to rest for a dog or cat. Although Beachcomber’s heatshields are designed to withstand a reasonable snow load, they will not endure added weight over time. Do not allow your children or pets to play on top of your heatshield.

### **LOCKING TABS PROTECT SMALL CHILDREN**

Your heatshield cover comes with locking tabs with keys as standard equipment. These locktabs are a special feature for families with small children. As with any body of water, there is always a drowning risk for small children. Never let your children play on or close by an open hot tub unsupervised. Beachcomber’s lock tabs will give you the option of locking down your hot tub cover to keep the little children out - and keep them safe. This special feature is also very handy in windy situations. Many hot tubs are installed on the banks of lakes and rivers, and being able to lock down the heatshield is an added benefit to those that insist on having a view of the water while soaking in hot water!

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## *Beachcomber Hot Tubs*

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### **A SPECIAL NOTE ABOUT HEATSHIELDS**

When shocking your Beachcomber Hot Tub, we recommend that you open one side of your cover to allow your sanitizer to oxidize and gas off. Doing this will help to protect the underside of your cover, and it will allow your sanitizer to clean your hot tub water.

### **CARING FOR YOUR HOT TUB'S ACRYLIC SURFACE**

Your Beachcomber Hot Tub is built with Acuralux Acrylic. It will stand the test of time - it's tough and extremely durable. It's colorfast properties will make it one of the toughest surfaces in your home! There is very little maintenance required to keep your hot tub Acuralux surface clean and new looking. When you drain your hot tub, wipe the surface down with Tub Clean. About 8 to 10 drops on a damp, clean cloth or chamois per wall would be sufficient. You can also use Tub Clean while your hot tub is full; after a heavy usage period, you can clean the water line with a soft sponge and a few drops of Tub Clean. Be careful not to come into contact with the water.

---

### **WARNING**

This acrylic spa shell is made of a high quality impact thermoplastic.

Never leave your hot tub in the sunlight with the cover off for an extended period of time (longer than a normal twenty minute soak). Damage to the hot tub's

acrylic surface can occur. Overexposure to sunlight will void your factory warranty. Always leave your hot tub protected with the cover on when you are not using the hot tub.

---

### **WARNING**

Be careful not to use glassware around your hot tub. Breakage could cause injury and damage to your hot tub surface. Acrylic or plastic ware is generally unbreakable and much safer than glass.



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*Beachcomber Hot Tubs*

**SECTION 5**

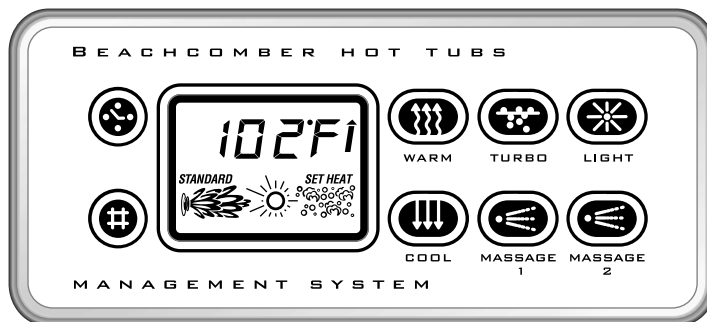
*Programmable  
Control  
Instructions*

*Depending on the Beachcomber model you purchase, you'll have different options available to you with Beachcomber's digital controls. The operations of your hot tub can be enjoyed at the touch of a button. This section is designed to walk you through the details of the operation of the Beachcomber Energy Saver control pad.*



## Beachcomber Hot Tubs

### DIGITAL 3000 MANAGEMENT SYSTEM HUSH PUMP™ VERSION



#### Start Up

When your hot tub is powered up, it begins running in standard mode. Standard mode automatically heats to 100°F/37.5°C or your desired temperature. Pressing the pad switches the spa to economy mode, which is not recommended with a hush pump because it draws very little current and is designed to operate 24 hours a day.

#### Time

You will see the words “SET TIME” flashing on the display. To set the time, press , then . Pressing or once will begin changing the time in one-minute increments. Press either pad to stop the time from changing. Press to enter the correct time into the system.

#### Optional Filter Cycle Programming

While you are not required to set filter cycles, if you want to change them, press within 3 seconds. “SET START FILTER 1” will appear on the display. Press or to reset to filter start time. When “SET HEAT” is on the display, press on to warm the water during filtering, or press “off” to disable the heater. Press , to see “SET STOP FILTER 1” and adjust the time with or as done above. Press to see “SET START FILTER 2” and proceed as above. Pressing will enter the new filter cycle times into the system and display the current water temperature. At the start of each cycle, the turbo (if installed) will turn on for 30 seconds to clean out

the air channel. The heater and the ozone generator (if installed) will run for the duration of the filter cycle. \*Note: With the hush pump™ option, it is not necessary to alter the filter cycles as it is designed to operate 24 hours a day.

#### Water Temperature (80°F-104°F)/(26°C-40°C)

Press either or once to display the last temperature that was set. If either pad is pressed within 3 seconds, the temperature setting will increase or decrease in 1°F increments. Actual water temperature will reappear on the display after changing the temperature setting.

#### Time and Temperature Inversion

Press or , then 1 within 3 seconds to invert the time and temperature display. Press the same sequence to set back.

#### Message 1

Press the 1 pad to turn pump 2 on and off. If left on, the pump will turn off after 15 minutes.

#### Message 2

Press the 2 pad to turn pump 2 on and off. If left on, the pump will turn off after 15 minutes.





#### Turbo (Optional)







Press the pad to cycle through the highest to lowest setting, then to turn off the turbo. If left running, the turbo automatically turns off after 15 minutes.

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





## Beachcomber Hot Tubs








### Panel Lock

Press the  pad, the empty space between “warm” and “light” pads, then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the  pad, the empty space between “warm” and “light” pads, then the  pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.




**On hot tubs with turbo option:** Press,    within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the    pads within 2 seconds. The lock symbol will disappear and all panel pads will work again.

### Temperature Lock

Press  or  then press the  the empty space between “warm” and “light” pads, then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol if  or  is pressed. To unlock, press the  pad, the empty space between “warm and light” pads, then the  pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.

**On hot tubs with turbo option:** Press  or   then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the    pads within 2 seconds. The lock symbol will disappear and all panel pads will work again.

### Standby Mode

Press  or  then  within 3 seconds to prevent the hot tub from operating at any time. Standby mode should be used when replacing the filter. All hot tub functions will be disabled except for freeze control. Press any button to resume spa operation.

### DISPLAY MESSAGES

DISPLAY FLASHES “OH”.

“Overheat” - The hot tub has shut down. Either the water has reached 112°F/44°C, or the high limit

sensor has detected 118°F/48°C at the heater.

DO NOT ENTER THE WATER. Remove the hot tub cover and allow water to cool. At 110°F/43°C, the hot tub should automatically reset. If the hot tub does not reset, then turn off all power to the hot tub and contact your dealer or service organization.

DISPLAY FLASHES “FLO”.

“Flow” (Flashing) - Flow of water is inhibited. Check and open flow valves. Check for correct water level. Clean filter.

DISPLAY FLASHES “FLO”.

“Flow” (Not flashing) - A pressure switch has malfunctioned.

Contact dealer or service organization.

DISPLAY FLASHES “COOL”.

“Cool” - Water temperature is more than 20°F/7°C below the temperature you last set.

No action required. Spa is functioning properly.

DISPLAY FLASHES “ICE”.

“Ice” - Potential freeze condition is detected.

No action required. Pump(s) will automatically activate regardless of hot tub’s status.

DISPLAY FLASHES “Sn1”.

“Sensor1” - Hot tub is shut down. Hi-limit sensor is not working.

Contact your dealer or service organization.

DISPLAY FLASHES “Sn3”.

“Sensor 3” - Hot tub is shut down. Water temperature sensor is not working.

Contact your dealer or service organization.

DISPLAY FLASHES “Stby”

“Standby” - Hot tub is in standby mode. All hot tub functions are disabled except for freeze control.

Press any button to resume operation.

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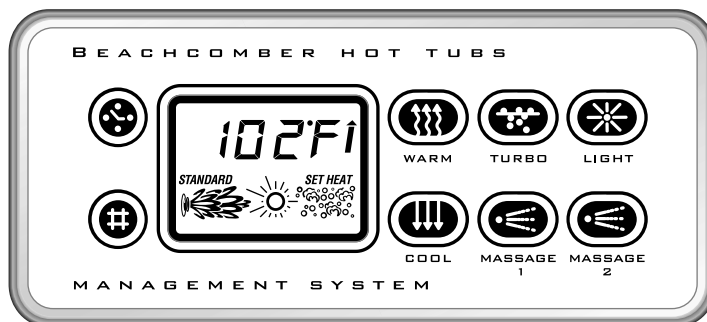
### WARNING! SHOCK HAZARD! NO USER SERVICEABLE PARTS.

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Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner’s manual power connection instructions. Installation must be performed by a certified electrician and all grounding connections must be properly installed.

## Beachcomber Hot Tubs






### DIGITAL 3000 MANAGEMENT SYSTEM TWO SPEED PUMP VERSION















#### Start Up

When your hot tub is powered up, it begins running in economy mode, which means that the heater will only operate during the preset filter cycles. This setting is designed for periods of little or no hot tub use, but continues to filter twice a day and maintain water quality. Pressing the  pad switches the spa to standard mode which automatically heats to 100°F/37.5°C or your desired temperature.

#### Time



You will see the words "SET TIME" flashing on the display. To set the time, press , then . Pressing  or  once will begin changing the time in one-minute increments. Press either pad to stop the time from changing. Press  to enter the correct time into the system.

#### Optional Filter Cycle Programming




While you are not required to set filter cycles, if you want to change them, press , ,  within 3 seconds. "SET START FILTER 1" will appear on the display. Press  or  to reset to filter start time. When "SET HEAT" is on the display, press on  to warm the water during filtering, or press  "off" to disable the heater. Press , to see "SET STOP FILTER 1" and adjust the time with  or  as done above. Press  to see "SET START FILTER 2" and proceed as above. Pressing  will enter the new filter cycle times into the system and display the current water temperature. At the start of each cycle, the turbo (if

installed) will turn on for 30 seconds to clean out the air channel. The heater and the ozone generator (if installed) will run for the duration of the filter cycle.


#### Water Temperature (80°F-104°F)/(26°C-40°C)

Press either  or  once to display the last temperature that was set. If either pad is pressed within 3 seconds, the temperature setting will increase or decrease in 1°F increments. Actual water temperature will reappear on the display after changing the temperature setting.


#### Time and Temperature Inversion

Press  or , then  1 within 3 seconds to invert the time and temperature display. Press the same sequence to set back.


#### Message 1

Press the  1 pad once to activate the low speed of pump 1. Press the pad's low speed turns off after 4 hours. The pump's high speed turns off after 15 minutes.

#### Message 2





Press the  2 pad to turn pump 2 on and off. If left on, the pump will turn off after 15 minutes.





#### Turbo (Optional)

Press the  pad to cycle through the highest to lowest setting, then to turn off the turbo. If left running, the turbo automatically turns off after 15 minutes.









## Beachcomber Hot Tubs








### Panel Lock

Press the  pad, the empty space between “warm” and “light” pads, then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the  pad, the empty space between “warm” and “light” pads, then the  pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.




**On hot tubs with turbo option:** Press,   within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the   pads within 2 seconds. The lock symbol will disappear and all panel pads will work again.

### Temperature Lock

Press  or  then press the  the empty space between “warm” and “light” pads, then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol if  or  is pressed. To unlock, press the  pad, the empty space between “warm and light” pads, then the  pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.

**On hot tubs with turbo option:** Press  or   then the  pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the “lock” symbol. To unlock, press the    pads within 2 seconds. The lock symbol will disappear and all panel pads will work again.

### Standby Mode

Press  or  then  within 3 seconds to prevent the hot tub from operating at any time. Standby mode should be used when replacing the filter. All hot tub functions will be disabled except for freeze control. Press any button to resume spa operation.

### DISPLAY MESSAGES

DISPLAY FLASHES “OH”.

“Overheat” - The hot tub has shut down. Either the water has reached 112°F/44°C, or the high limit

sensor has detected 118°F/48°C at the heater.

DO NOT ENTER THE WATER. Remove the hot tub cover and allow water to cool. At 110°F/43°C, the hot tub should automatically reset. If the hot tub does not reset, then turn off all power to the hot tub and contact your dealer or service organization.

DISPLAY FLASHES “FLO”.

“Flow” (Flashing) - Flow of water is inhibited. Check and open flow valves. Check for correct water level. Clean filter.

DISPLAY FLASHES “FLO”.

“Flow” (Not flashing) - A pressure switch has malfunctioned.

Contact dealer or service organization.

DISPLAY FLASHES “COOL”.

“Cool” - Water temperature is more than 20°F/7°C below the temperature you last set.

No action required. Spa is functioning properly.

DISPLAY FLASHES “ICE”.

“Ice” - Potential freeze condition is detected.

No action required. Pump(s) will automatically activate regardless of hot tub's status.

DISPLAY FLASHES “Sn1”.

“Sensor1” - Hot tub is shut down. Hi-limit sensor is not working.

Contact your dealer or service organization.

DISPLAY FLASHES “Sn3”.

“Sensor 3” - Hot tub is shut down. Water temperature sensor is not working.

Contact your dealer or service organization.

DISPLAY FLASHES “Stby”

“Standby” - Hot tub is in standby mode. All hot tub functions are disabled except for freeze control.

Press any button to resume operation.

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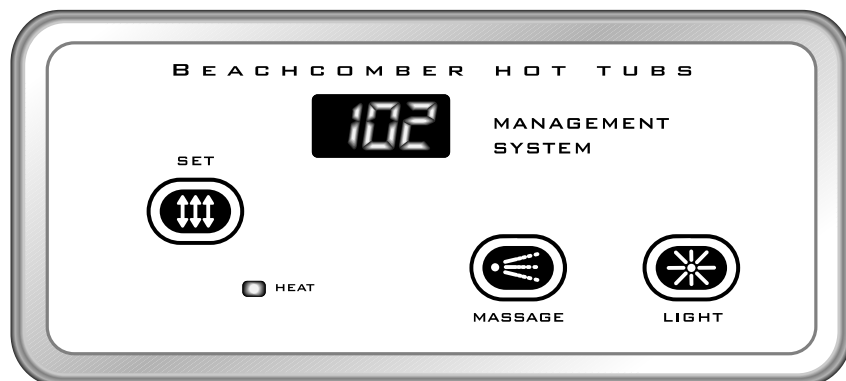
### WARNING! SHOCK HAZARD! NO USER SERVICEABLE PARTS.

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Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a certified electrician and all grounding connections must be properly installed.

## Beachcomber Hot Tubs


### DIGITAL 2000 MANAGEMENT SYSTEM HUGH PUMP™ VERSION




#### Start Up

When your hot tub is powered up, it will automatically heat and maintain 100°F/37.5°C or your desired temperature.


#### Temperature Adjustment (80°F-104°F)/(26°C-40°C)

Press the  pad to display the temperature previously set. This set temperature is flashed on the display. In a few seconds, the numbers will stop flashing, and the display will show the actual temperature. Pressing the pad a second time will cause the set temperature to increase or decrease depending on what direction was last chosen. Each press to follow will change the set temperature in the same direction. If the opposite direction is desired, release the pad and let the display revert to the actual water temperature. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.



#### Massage

Press the  pad to turn the pump on and off. If left on, the pump will turn off after 15 minutes of use.





#### Light

Press the  pad to turn the hot tub light on and off. The light will automatically turn off after 4 hours of use.

#### Standby Mode

Press  then  within 3 seconds to prevent the hot tub from operating at any time. Standby mode should be used when replacing the filter. All hot tub functions will be disabled except for freeze control. Press any button to resume hot tub operation.

#### Preset Filter Cycle

Due to the energy efficiency of the hugh pump™ option, your hot tub is set to automatically filter itself 24 hours a day, although there are other filter duration's, it is not recommended to change this setting. Filter duration is programmable at the top-side panel. Press the  pad, then the  pad within 3 seconds and "F2" will be displayed on the panel. ("F2" is the default filter time and indicates a 2 hour cycle.) Continue pressing the  pad to cycle through the rest of the filter time options; "F4" - 4 hours, "F6" - 6 hours, "F8" - 8 hours, "F0" - 10 hours, and "FC" - 24 hours. Press  to select the number of cycles. Display will show "C1" or "C2". During filtration the ozone generator (if installed) will run.



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## *Beachcomber Hot Tubs*

### **DISPLAY MESSAGES**

DISPLAY FLASHES "OH".

"Overheat" - The hot tub has shut down. Either the water has reached 112° F/44°C, or the high limit sensor has detected 118° F/48°C at the heater. DO NOT ENTER THE WATER. Remove the hot tub cover and allow water to cool. At 110° F/43°C, the hot tub should automatically reset. If the hot tub does not reset, then turn off all power to the hot tub and contact your dealer or service organization.

DISPLAY FLASHES "FLO".

"Flow" - A pressure switch has malfunctioned. Contact your dealer or service organization.

DISPLAY FLASHES "Sn".

"Sensor" - Hot tub is shut down. The high-limit sensor or water temperature is not working. Contact your dealer or service organization.

DISPLAY FLASHES "Sb"

"Standby" - Hot tub is in standby mode. All hot tub functions are disabled except for freeze control. Press any panel button to resume operation.

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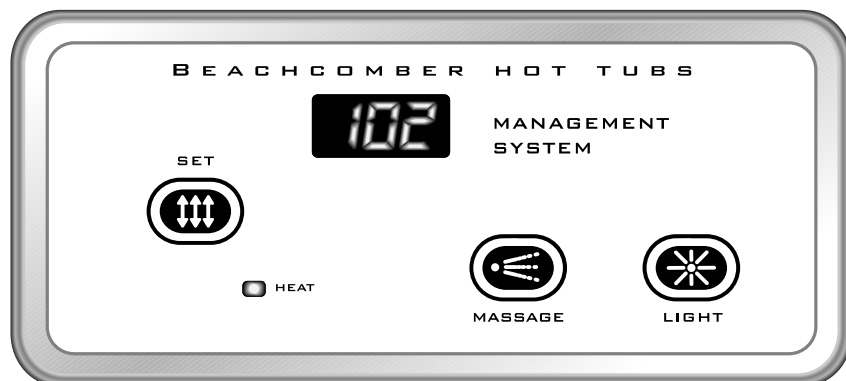
### **WARNING! SHOCK HAZARD! NO USER SERVICEABLE PARTS.**

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Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a certified electrician and all grounding connections must be properly installed.

## Beachcomber Hot Tubs


### DIGITAL 2000 MANAGEMENT SYSTEM TWO SPEED PUMP VERSION




#### Start Up

When your hot tub is powered up, it will automatically heat and maintain 100°F/37.5°C or your desired temperature.


#### Temperature Adjustment (80°F-104°F)/(26°C-40°C)

Press the  pad to display the temperature previously set. This set temperature is flashed on the display. In a few seconds, the numbers will stop flashing, and the display will show the actual temperature. Pressing the pad a second time will cause the set temperature to increase or decrease depending on what direction was last chosen. Each press to follow will change the set temperature in the same direction. If the opposite direction is desired, release the pad and let the display revert to the actual water temperature. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.



#### Massage

Press the  pad to activate the pump's low speed, again for the pump's high speed, and once more to turn off the pump. The pump's low speed turns off after 2 hours. The pump's high speed turns off after 15 minutes of use.





#### Light

Press the  pad to turn the hot tub light on and off. The light will automatically turn off after 4 hours of use.

#### Standby Mode

Press  then  within 3 seconds to prevent the hot tub from operating at any time. Standby mode should be used when replacing the filter. All hot tub functions will be disabled except for freeze control. Press any button to resume hot tub operation.

#### Preset Filter Cycle

Due to the energy efficiency of the high pump option, your hot tub is set to automatically filter itself 24 hours a day, although there are other filter duration's, it is not recommended to change this setting. Filter duration is programmable at the top-side panel. Press the  pad, then the  pad within 3 seconds and "F2" will be displayed on the panel. ("F2" is the default filter time and indicates a 2 hour cycle.) Continue pressing the  pad to cycle through the rest of the filter time options; "F4" - 4 hours, "F6" - 6 hours, "F8" - 8 hours, "F0" - 10 hours, and "FC" - 24 hours. Press  to select the number of cycles. Display will show "C1" or "C2". During filtration the ozone generator (if installed) will run.



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## *Beachcomber Hot Tubs*

### **DISPLAY MESSAGES**

DISPLAY FLASHES "OH".

"Overheat" - The hot tub has shut down. Either the water has reached 112° F/44°C, or the high limit sensor has detected 118° F/48°C at the heater. DO NOT ENTER THE WATER. Remove the hot tub cover and allow water to cool. At 110° F/43°C, the hot tub should automatically reset. If the hot tub does not reset, then turn off all power to the hot tub and contact your dealer or service organization.

DISPLAY FLASHES "FLO".

"Flow" - A pressure switch has malfunctioned. Contact your dealer or service organization.

DISPLAY FLASHES "Sn".

"Sensor" - Hot tub is shut down. The high-limit sensor or water temperature is not working. Contact your dealer or service organization.

DISPLAY FLASHES "Sb"

"Standby" - Hot tub is in standby mode. All hot tub functions are disabled except for freeze control. Press any panel button to resume operation.

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### **WARNING! SHOCK HAZARD! NO USER SERVICEABLE PARTS.**

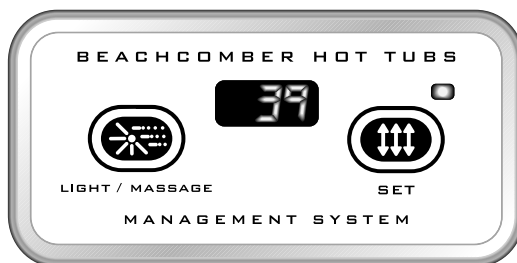
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Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a certified electrician and all grounding connections must be properly installed.



## Beachcomber Hot Tubs


### DIGITAL 1000 ENERGY SAVER




#### START UP

When your hot tub is first powered up, it will automatically heat and maintain 100° F / 35° C until you change the set temperature.

#### TEMPERATURE ADJUSTMENT

Press the  pad to display the temperature previously set. This set temperature is flashed on the display. In a few seconds, the numbers will stop flashing and the display will show the actual water temperature (minimum temperature +80° F - maximum temperature +104° F). Pressing the pad a second time will cause the set temperature to increase or decrease depending on what direction was last chosen. Each successive press will change the set temperature in the same direction. If the opposite direction is desired, release the pad and let the display revert to the actual water temperature again. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.

#### LIGHTS/JETS

Press the  pad to cycle through the light and jets features. The operating sequence is as follows: 1) low-speed pump, 2) low-speed pump and light, 3) high-speed pump and light, 4) high-speed pump only, and 5) off. The low-speed pump automatically turns off after 2 hours. The high-speed pump stops after 15 minutes. The light turns off after 4 hours of use.

#### PRESET FILTER CYCLES

Your hot tub will automatically filter itself twice a day. The first filter cycle will start one minute after the hot tub is powered up. The second filter cycle will begin twelve hours later. Filter cycle duration is 2 or 6 hours long, and is set at the time of delivery. The low-speed pump and ozone generator (if installed) will run during filter cycles. Contact your local dealer to change the cycle.



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## *Beachcomber Hot Tubs*

### **STANDBY MODE**

The hot tub can be disabled when the filter needs to be replaced. Press the “Set” pad then the “Lights/Jets” pad and the display will show “Sb”. All hot tub functions will be disabled except for freeze control. Press any panel button to resume hot tub operation.

### **DISPLAY MESSAGES**

DISPLAY FLASHES “OH”.

“Overheat” (hot tub is deactivated). The hot tub has shut down. Either the water has reached 112°, or the high limit sensor has detected 118° at the heater. **DO NOT ENTER THE WATER.** Remove the hot tub cover and allow the water to cool. At 110°, the hot tub should automatically reset. If the hot tub does not reset, then shut off power to the hot tub and call your dealer.

DISPLAY FLASHES “FL”.

“Flow”. The pressure switch is not working. Call your dealer.

DISPLAY FLASHES “Sn”.

“Sensor” (hot tub is deactivated). The high-limit sensor or water temperature sensor is not working. Call your dealer.

DISPLAY FLASHES “Sb”.

“Standby” mode (hot tub is deactivated). All hot tub functions are disabled except for freeze control. Press any panel button to resume hot tub operation.

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### **WARNING! SHOCK HAZARD! NO USER SERVICEABLE PARTS.**

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Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner’s manual power connection instructions. Installation must be performed by a certified electrician and all grounding connections must be properly installed.



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*Beachcomber Hot Tubs*

**SECTION 6**

*How To Keep Your  
Hot Tub Water  
Clean And Fresh*

*Every Beachcomber store offers you a complete water treatment program. From free computer water analysis, to all the treatment products you'll need, your local store can help you keep your water clean and fresh for every hot tub party you'll have! This section gives you useful tips on how to care for your hot tub water.*

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## *Beachcomber Hot Tubs*

### **CLEANING YOUR HOT TUB WATER**

You need to keep your hot tub clean and ready to use. When you enter your hot tub, you bring in as much contaminant as 50 people would in a normal sized swimming pool! Because your hot tub is such a small, enclosed environment, it needs to be a sanitary place. We accomplish this with a simple three step process:

- 1 - Balance**
- 2 - Filtration**
- 3 - Sanitation**

The water that comes from your tap at home is fine for showers or bathing, because it is drained immediately after use. In a hot tub, your water is used for up to three months. Hot water is a good breeding ground for bacteria, so sanitizing becomes necessary, as well as maintaining a specific mineral balance. Having that mineral balance in place ensures that the water, which is naturally corrosive to metal, will not cause damage to the hot tub equipment. We recommend monthly water testing.

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### **WARNING**

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Maintain water chemistry in accordance with manufacturer's instructions.

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### **WARNING**

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Please be careful with chemicals - damage to the surface of the hot tub can occur due to the improper use of chemicals such as trichlor or chlorine, chemical tablets, acids or hot tub cleaners. Do not let undissolved chemicals lie on the surface of the hot tub. This could invalidate your guarantee. Improper water chemistry balance can damage the hot tub and invalidate your guarantee.

### **FILL HOT TUB WITH WATER**

Once the hot tub has been filled to the correct level and pumps are primed and running, you can begin to treat the water according to your Beachcomber Water Care Program.

Consult your local Beachcomber dealer for specific water care instructions.



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## *Beachcomber Hot Tubs*

### **WATER TESTING**

Your Beachcomber Store is equipped to perform a thorough analysis of your hot tub water. Take a one liter sample to your store and they will advise you on the products necessary to properly balance and care for your hot tub. Unbalanced hot tub water can quickly damage your equipment. Your Beachcomber store will advise you on how to protect your investment.

### **BALANCE**

Hot tub water must have the correct chemical balance. Unbalanced water can irritate eyes, corrode the equipment, leave mineral deposits, and decrease the effectiveness of the sanitizer.

Balanced water means establishing proper balance among Total Alkalinity, pH, Calcium Hardness and Total Dissolved Solids.

For a thorough analysis of your hot tub chemical balance, just bring a water sample to your Beachcomber Dealer. They will test your hot tub water sample for free.

### **SHOCKING**

Hot tub water should be shocked once a week. This will ensure any organic wastes are oxidized and the hot tub water is crystal clear. BROMATE, LITHCHLOR, or SPA CHLOR should be used to shock your hot tub.

The sanitizer level should be raised to 10 ppm (parts per million). If your test kit only reads to 5 ppm you can still get an approximate reading by running the test, then removing half of the test water in the vial and replacing it with tap water. Multiply the new reading by two.

The best time to shock your hot tub is at the end of the day while the hot tub is not being used. Do not use your hot tub until the bromine level is below 6 ppm or chlorine level is below 5 ppm.

NOTE: Remove your hot tub cover before adding any chlorine or bromine and allow 15 minutes of circulating before replacing the cover.

If you have more specific questions about the water in your hot tub, bring a 1 liter sample to your Beachcomber Store for testing.

### **DRAINING YOUR HOT TUB**

Because a hot tub holds a relative small amount of water, contaminants such as body oil, perspiration, dirt, hair, etc., may become quite concentrated. For this reason, the water should be drained and replaced about every two to three months depending on use.

*Beachcomber Hot Tubs*

Beachcomber offers 6 Clean & Simple Care programs in convenient totes, to simplify maintenance. An economical way to provide your needs in treatment and conditioning products.



<b>CARE &amp; BALANCING TOTE</b>	<b>SIZE</b>	<b>TWO PART BROMINE TOTE</b>	<b>SIZE</b>
1 - Spa Resist	500 g/1.1 lbs	1 - Bromide	500 ml/16fl.oz
1 - Spa Protect	500 g/1.1 lbs	1 - Bromate	600 g/1.3 lbs
1 - Spa Plus	600 g/1.2 lbs	1 - Eliminate #1	500 ml/16 fl.oz
1 - Spa Minus	800 g/1.6 lbs	1 - Eliminate Plus #2	500 ml/16 fl.oz
1 - Filter Pure	500 ml/16 fl.oz	1 - Purezyme '3'	500 ml/16 fl.oz
1 - Filter Cure	500 ml/16 fl.oz	1 - Spa Blue	500 ml/16 fl.oz
1 - Spa Soft (Canada Only)	600 g/1.3 lbs	1 - Foam Free	500 ml/16 fl.oz
1 - Tub Clean (US Only)	500 ml/16 fl.oz	1 - Bromine Test Kit	
1 - Sponge		1 - Sponge	
1 - Measuring Cup		1 - Measuring Cup	
1 - Guide to Clean & Simple Hot Water		1 - Guide to Clean & Simple Hot Water	
1 - Fragrance		1 - Fragrance	

  
*Beachcomber Hot Tubs*

<b>LITHCHLOR TOTE</b>	<b>SIZE</b>	<b>SPA CHLOR TOTE</b>	<b>SIZE</b>
1 - Lithchlor	500 g/1.1 lbs	1 - Spa Chlor	500 g/1.1 lbs
1 - Eliminate #1	500 ml/16 fl.oz	1 - Eliminate #1	500 ml/16 fl.oz
1 - Eliminate Plus #2	500 ml/16 fl.oz	1 - Eliminate Plus #2	500 ml/16 fl.oz
1 - Purezyme '3'	500 ml/16 fl.oz	1 - Purezyme '3'	500 ml/16 fl.oz
1 - Spa Blue	500 ml/16 fl.oz	1 - Spa Blue	500 ml/16 fl.oz
1 - Foam Free	500 ml/16 fl.oz	1 - Foam Free	500 ml/16 fl.oz
1 - Tub Clean	500 ml/16 fl.oz	1 - Tub Clean	500 ml/16 fl.oz
1 - Chlorine Test Kit		1 - Chlorine Test Kit	
1 - Sponge		1 - Sponge	
1 - Measuring Cup		1 - Measuring Cup	
1 - Guide to Clean & Simple Hot Water		1 - Guide to Clean & Simple Hot Water	
1 - Fragrance		1 - Fragrance	

<b>CARE-FREE TOTE</b>	<b>SIZE</b>	<b>BROMINE DISC TOTE</b>	<b>SIZE</b>
1 - Care-Free	600g/1.3 lbs	1 - Bromine Discs	400 g/.8 lbs
1 - Care-Free Boost	500 g/1.1 lbs	1 - Bromide	500 ml/16fl.oz
1 - Spa Resist	500 g/1.1 lbs	1 - Bromate	600 g/1.3 lbs
1 - Spa Protect	500 g/1.1 lbs	1 - Eliminate #1	500 ml/16 fl.oz
1 - Spa Minus	800 g/ 1.6 lbs	1 - Eliminate Plus #2	500 ml/16 fl.oz
1 - Spa Soft (Canada Only)	600 g/1.3 lbs	1 - Purezyme '3'	500 ml/16 fl.oz
1 - Tub Clean (US Only)	500 ml/16 fl.oz	1 - Spa Blue	500 ml/16 fl.oz
1 - Care-Free Test Kit		1 - Foam Free	500 ml/16 fl.oz
1 - Sponge		1 - Bromine Test Kit	
1 - Measuring Cup		1 - Sponge	
1 - Guide to Clean & Simple Hot Water		1 - Measuring Cup	
1 - Fragrance		1 - Guide to Clean & Simple Hot Water	
		1 - Fragrance	



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*Beachcomber Hot Tubs*

**SECTION 7**

*Questions  
And Answers  
About Your  
Beachcomber  
Hot Tub*

*It's very important to us to give you the information you need to enjoy your hot tub experience. Following are some of the most common questions that have come across our customer service desk over the last year, and we wanted to give them to you to help you understand how to avoid service calls.*



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## Beachcomber Hot Tubs

### QUESTIONS AND ANSWERS FOR THE HOT TUB OWNER

#### ***How do we get our Beachcomber Hot Tub into our backyard?***

Your Beachcomber dealer will deliver your hot tub to your yard. Prepare for your delivery - clear the way of toys, bikes, barbecues and wood piles. If you need more information about your hot tub such as weight and dimensions, check Section 9, "Details Reference Chart". Your Beachcomber Hot Tub is double wrapped from the factory to protect it from any damage during shipping.

#### ***How soon can we use our hot tub after we fill it with water?***

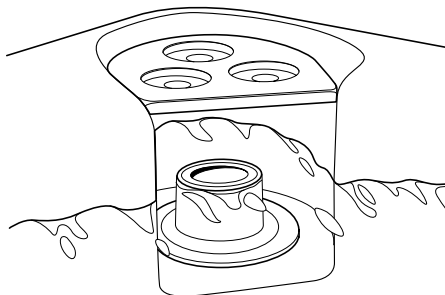
Your hot tub will probably need from 6-12 hours to heat to temperature after you fill it with your garden hose. Once it's hot, your initial startup dose of hot tub disinfectant will need to be applied. Again, your Beachcomber dealer will be there to walk you through that process of startup. Never use your hot tub without the proper levels of disinfectant (sanitizer).

#### ***How long can we stay in?***

Once you are enjoying your soak, you will find that the average time is about twenty minutes. You can stay in longer by simply sitting out on the lip of the hot tub. It's strong enough to support you and friends!

#### ***How do we know if there is enough water in our hot tub?***

Fill your hot tub so that the water comes halfway up the skimmer (see diagram). You can go higher than that, but never go lower. A low water level can make your skimmer gulp air, which can cause problems in the motor and pump. Consult page 9-1 for the correct gallons/liters for your model of hot tub.



*Correct water level. Your skimmer opening should be no less than halfway submerged for optimum performance.*

#### ***How do we connect the electricity?***

This is not a job that you can do yourself, unless you are a licensed electrician. You will need an electrical line to run from your breaker box in your house to the hot tub. Any qualified electrician can do this job for you. The electrician will choose the correct wire size and the breaker size for your hot tub.

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## *Beachcomber Hot Tubs*

### ***Do we use anything to treat the wooden cabinet on our hot tub?***

Beachcomber makes a very good product called Nu Wood. It's applied in an easy two step process, and will keep your cabinet looking new for years to come. We recommend that you apply Nu Wood within 6 months to a year of the first year of ownership. If your hot tub is exposed to the elements, such as on a lakefront, you will need to apply Nu Wood every 3-6 months.

### ***Does the cover require any maintenance?***

Your Beachcomber Hot Tub Cover requires very little maintenance. CoverAll is a water based product that you can apply to the cover on a mild day. It protects the vinyl cover from the sun's harmful UV rays. Use CoverAll every month to keep your cover clean and UV protected.

### ***When do we drain our Beachcomber Hot Tub?***

A good rule of thumb is to drain every three months under average use. However, if you are enjoying your hot tub with more friends than usual, you should take in a water sample each month to your Beachcomber store to have your water analyzed.

### ***How hot should we keep our Beachcomber Hot Tub?***

The temperature of your hot tub is more a personal matter - however, the average

temperature should be 104 F / 40 C. This will give you a very pleasurable soak. If you have young children, you should turn down your hot tub heat about 5 degrees before entering the hot tub.

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### **WARNING**

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Never leave your child unsupervised in your hot tub.

### ***What do we do when we go on holidays in the winter time or summer time?***

Like any other aspect of your house, it's always a good idea to have a relative or friend check on your house, and your hot tub, every two or three days. We recommend that you call your local Beachcomber dealer for proper winterizing procedures. Each situation is different; your time away, weather conditions and other factors may need to be dealt with by your local dealer. We cannot be responsible for decisions you make that may damage your hot tub and void your guarantee. Always leave the cover on your tub to protect it from direct sunlight.

### ***What if the power goes out? What do we do with our hot tub?***

Power almost always comes back on line in a few minutes, or hours. Your GFCI breaker is designed to trip off when it senses a surge or decrease in power. If you have specific questions about power to your hot tub, call your Beachcomber Dealer.

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## *Beachcomber Hot Tubs*

### ***How often do we clean our filters?***

This can depend on usage. If you have lots of friends that are enjoying the hot tub with you, you will need to clean them more often. Inspect your filters to check for leaves and other debris that may impair their ability to filter the water. We recommend that you clean them once a month with Filter Pure or Filter Cure. You should have two sets; rotating them so that one is always ready and clean. A filter cleaning canister is a time saver and is also available from your Beachcomber Store.

### ***How do we replace our light?***

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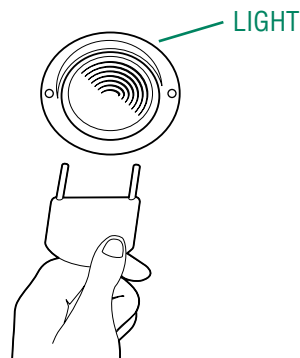
#### **SPECIAL NOTE:**

This is best left to your Beachcomber Dealer to do for you. If you want to do it yourself, bear in mind that you could damage your hot tub, and you may void your Guarantee.

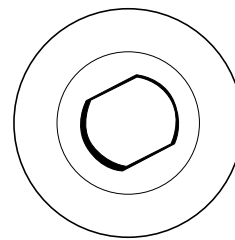
Turn off all power at the main power source to your hot tub. Drain the hot tub (see page 3-2 for directions). With the supplied "light removal tool" unscrew the center of the light lens by turning counterclockwise. Remove the old bulb and install a new one. Replacement bulbs are available from your local Beachcomber dealer. To replace the lens, screw it in clockwise with the tool and hand tighten until it is snug. Do not overtighten, or you may risk cracking the lens.

### ***Our hot tub's mechanical controls don't seem to be working.***

Your manual button switch is removeable. You can do that by rotating the outer ring clockwise 1/8 of a turn and popping it off. Inside the switch mechanism is a black bellows called a "diaphragm" that may be damaged or cracked. Simply take it out and get a new diaphragm from your Beachcomber store.



*Use Beachcomber's light removal tool to remove the light lens.*



*Beachcomber's mechanical air buttons.*



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## *Beachcomber Hot Tubs*

If your diaphragm is in good shape, there may be another problem. There is a clear hose attached to this diaphragm that links on to the back of the Management System (the black metal box on top of the motor). See that this clear tubing has not popped off the pneumatic switch. If it has, it may have become stretched; simply cut off a half inch of the hose and replace it back onto the switch nipple.

### ***What is the best surface finish used in making a hot tub?***

Cast acrylic. For a lasting hot tub finish, the material you use must have a colorfast, non-porous, stain resistant and high-gloss surface that resists chipping, cracking and denting. Equally important, it has to be easy to clean. The Acuralux finish used by Beachcomber has outperformed any other material for the past decade.

### ***Do I need a plumber to hook up my hot tub?***

No, a Beachcomber hot tub is a completely integrated unit. You fill and empty the hot tub with water from a garden hose. The water is cleaned and heated through its own internal systems.

### ***What type of power do I need to run a hot tub?***

120 or 240 Volt hookup depending on the model. Your amp rating will vary with your hot tub. Refer to your local dealer.

### ***How do I know a hot tub is structurally strong enough to last for a lifetime?***

Like the foundation and framing of a well-built home, the structure of a hot tub is impossible to see but vitally important. There are three parts to every Beachcomber Hot Tub's structural strength. First, overall support; the best material is **Glasloc 2000**, a plastic binding of resin and glass applied in layers to the underside of the hot tub shell. Second is a **pressure-treated base** to distribute hot tub weight evenly. Third, and equally important, is the **I-beam support** system which supports the shell like the trusses in the roof of your home. Beachcomber uses this three-step support, and we guarantee the structural integrity of our hot tubs for life.

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## *Beachcomber Hot Tubs*

### ***What happens after I pay for my hot tub? How do I know I'll receive after-sale service?***

Good question. Does the store have a service centre? Is there more than one location? Is there a dealer network? Is there a toll-free 800 number to contact the manufacturer? How long has the company sold the hot tub brand it carries? Where is the hot tub made? And how long has the manufacturer been in business? These are good questions to ask. At Beachcomber, we believe we have the answers - and all positive.

### ***What about the hot tub itself? Are there enough jets?***

It's the kind of jet - and not the number - that's more important. Demand interchangeable massage inserts that can be switched into different Waterports™ as easily as you change a lightbulb.

### ***Do more motors and pumps make a better hot tub?***

No, look for a carefully engineered water flow energy saving system that provides the least horsepower with maximum jet action. Why? Because it eliminates water restriction. Remember, don't make the same mistake as the auto industry in the seventies. The bigger motor is not necessarily better.

### ***Should I buy a hot tub with the power source underneath?***

With the power source inside the hot tub, one wall will be without maximum insulation. It's like insulating only three walls of your home. It's best to buy a fully foam-filled hot tub.

### ***Does air space around the hot tub work as well as insulation?***

No. If it worked, we could insulate our homes with just air space between the walls. Likewise, the best way to keep the warmth in your hot tub is to use foam insulation.

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## **TROUBLESHOOTING**

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You may run into situations from time to time that require some troubleshooting. These are some issues that may arise, along with their simple solutions that will help you avoid a service call. If you are in doubt about using any of these solutions, call your Beachcomber dealer.

### ***Power system seems inoperative***

- Check to see that the power at the main power supply panel is turned on.
- Check to see that the GFCI (Ground Fault Circuit Interrupter) has not been tripped.
- Check for a blown fuse in the control box. Turn off all power before replacing fuses.



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## *Beachcomber Hot Tubs*

### ***Fault indicated by control panel display***

Refer to Section 5 for “Display messages” for Digital controls.

### ***The pump does not start during startup***

- There may not be enough water in the hot tub.
- Air may be in the lines, and needs to be bled from the system.

### ***Jets will not operate***

- Check that the pump is properly started up (primed).
- Jet nozzles could be plugged or missing. Remove massage inserts and clean. Ensure that all massage inserts are there and in place. Remove them and reinstall properly, hand tightening only.
- Check for blockages at the suction fitting(s) in the footwell.
- Check for blockages in the Microfilter by removing the filter(s) and inspecting. Note: Digital Management System must be on standby.
- The water level may be too low.
- Ensure that the knife valves are fully open.

### ***Hot tub does not heat to temperature***

- The thermostat may be set too low. See Section 5 “Digital Operation Instructions”.
- Filters may need to be cleaned or replaced. Remove them and inspect.
- Water level may be too low.
- See Section 3 for bleeding air out of the system.
- Pressure switch may not sense enough pressure.
- The heater element or thermostat may be defective.

### ***Hot tub heats, but not to temperature***

- Ensure that the hot tub is covered properly by the heatshield.
- Extremely high wind or low temperatures may affect heating ability.
- Try closing the air controls to conserve heat.
- Ensure that the step or doors are properly closed to protect equipment.
- Heater element may be coated with calcium, impairing its ability to heat because of improper water balance.

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## *Beachcomber Hot Tubs*

### ***Hot tub heats hotter than normal***

- The pump may have been left on high speed too long. Open the cover to allow heat to escape, as well as opening all air controls.
- Thermostat may be faulty.

### ***Hot tub water is cloudy***

- Check the filters to see that they are installed correctly, clean and free from debris.
- Tub may not be filtering long enough for bather load. Check your filter settings.
- Try shocking the water. If there has been a heavy bather load, you may need to shock several times over two or three days.
- Ask your Beachcomber store about the Holiday Tender. This system allows sanitation to take place on a continuous basis in your hot tub.
- Take a water sample to your Beachcomber store for free computer analysis.

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### **WARNING**

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Do not permit electrical appliances such as a light, radio, telephone or television within 10 feet (3 meters) of your hot tub.



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*Beachcomber Hot Tubs*

**SECTION 8**

*Register Your  
Beachcomber  
Hot Tub  
And Keep It  
Worry-Free*

*Beachcomber offers you a worry free Guarantee. A guarantee protects you - not like a warranty, which protects the manufacturer. We want you to have the most worry free, enjoyable experience with your hot tub, that you'll tell your friends! And if you every do have cause to refer to the guarantee, we want it to be the least of your worries.*



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*Beachcomber Hot Tubs*

**CONGRATULATIONS ON YOUR PURCHASE  
OF A NEW BEACHCOMBER HOT TUB!**

We want to take this opportunity to welcome you into the Beachcomber Family! You have joined many thousands of Beachcomber owners around the world who have discovered the healing properties of hot water therapy. We are happy that you have opened up a whole new world of stress relief, entertainment, relaxation, family events and more, for you and the people you love. It is our goal for you to find a new way of life in your Beachcomber Hot Tub. Please fill in this information to keep for future reference about your hot tub and its details.

**OWNER'S RECORD**

Date Purchased \_\_\_\_\_ Date Installed \_\_\_\_\_

Beachcomber Dealer \_\_\_\_\_

Address \_\_\_\_\_

Telephone ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

Hot Tub Serial Number \_\_\_\_\_

Pak Serial Number \_\_\_\_\_

Color and Model \_\_\_\_\_

Protec

Portable

Indoor  
Installation

Outside  
Installation

Electrical Installer & Phone Number \_\_\_\_\_

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Please complete Guarantee document within thirty (30) days of delivery and forward it to our manufacturing facility. This will allow us to register your Guarantee. Guarantee forms are available from your local store.

Beachcomber Hot Tubs  
13245 Comber Way  
Surrey, BC, Canada V3W 5V8  
Attn: Guarantee Division

## Beachcomber Hot Tubs



BEACHCOMBER is proud to have you as part of our growing family of hot tub owners. At Beachcomber we constantly strive towards improving our product to make it problem free. We are confident that you will enjoy the quality and care that's built into each and every BEACHCOMBER hot tub.

Beachcomber  
Customer Care Line  
1-800-663-6557

# Beachcomber Guarantee

Beachcomber Hot Tubs are built to last. That's why we offer a straight forward guarantee against any defects in materials or workmanship to the original owner. We believe in worry free ownership, not fine print. Your Beachcomber Hot Tub arrives with three guarantees, each one covering a separate part of the hot tub. These are:

◆ **Lifetime Structural Guarantee**

We guarantee to the original owner that the structural laminated composition of your hot tub will always hold water and will never leak. If it does leak we will repair it at our expense.

◆ **Five Year Total Surface Guarantee**

We guarantee to the original owner, that the hot tubs acrylic finish, will be free from defects, or it will be repaired at our expense, for 5 years from the date of purchase.

◆ **Two Year Equipment Guarantee**

We guarantee to the original owner, that the hot tub equipment including heater, pump, plumbing, jetting, controls, motor, and heatshield cover, will be repaired at our expense for 2 years from the date of purchase.

◆ **Guarantee Performance**

Should a defect appear in the hot tub structure, surface, or equipment, Beachcomber will repair the hot tub at our expense. This guarantee does not include any additional expense that may be incurred in the removal, shipping, travel, and/or re-installation of the hot tub.

There is only one condition attached to our guarantee: the hot tub must not, in our sole opinion, have been subjected to any willful abuse or misuse during the period of coverage and the required regular maintenance is performed.

◆ **Beachcomber Premium Five-Year Extended Guarantee**

The Premium Five-Year Extended Guarantee extends the hot tub equipment including heater, pump, plumbing, jetting, controls and motor (excluding the heatshield cover) to 5 years. The original hot tub owner may renew this coverage in one year increments and it may be transferred to a new owner.

Ask your dealer for the registration form today!

**Yes!**  
 I want the Premium  
 Five Year Guarantee

No, I don't want the  
 Premium 5-Year Guarantee

Premium Declined \_\_\_\_\_  
initial

◆ **Hot Tub Owner Information**

Customer \_\_\_\_\_ Phone (H) \_\_\_\_\_

Address \_\_\_\_\_ Phone (W) \_\_\_\_\_

City \_\_\_\_\_ Zip/Code \_\_\_\_\_ State/Prov \_\_\_\_\_

Purchase Date \_\_\_\_\_ Delivery Date \_\_\_\_\_

Model \_\_\_\_\_ Color \_\_\_\_\_ Hot Tub Serial# \_\_\_\_\_

Pak Serial# \_\_\_\_\_ Heater Size \_\_\_\_\_ Size of Pump(s) \_\_\_\_\_

◆ **Authorized Dealer Information**

Customer \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ Fax \_\_\_\_\_

City \_\_\_\_\_ Zip/Code \_\_\_\_\_ State/Prov \_\_\_\_\_

Customer Signature \_\_\_\_\_

Dealer Signature \_\_\_\_\_

To register this guarantee,  
please send Beachcomber  
copy to:

Beachcomber Hot Tubs  
Guarantee Department  
13245 Comber Way,  
Surrey, BC  
V3W 5V8

Please follow Beachcombers maintenance and operational owners manual to fulfill your guarantee to us.  
White Copy: Customer Yellow Copy: Dealer Copy Pink: Beachcomber Guarantee Department

**“PICK UP THIS 3 PART FORM AT YOUR  
LOCAL BEACHCOMBER STORE”**



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## *Beachcomber Hot Tubs*

Like all quality companies, we love to hear from our customers. Write us with advice, feedback, new ideas, referrals or requests for more information. We're easy to talk to and we recognize the value of what our customers have to say. Communicate to:

**Keith Scott, Founder**

Beachcomber Hot Tubs, 13245 Comber Way, Surrey, BC Canada V3W 5V8

**Information and Education for the Hot Tub Buyer:**

For those looking to buy a hot tub, you can learn more with Free Information and Education about Beachcomber by calling this toll-free number: 1.800.998.3288.

**North American Customer Care:**

If you ever have a question or concern, you can call this toll-free number 24 hours a day to speak to a factory representative: 1.800.663.6557.

**Beachcomber's Website:**

Hot tubs may be an old idea, but designing, manufacturing and servicing them is still a young industry. Beachcomber is one of the oldest and most successful companies in the business. You can visit our website, at [www.beachcomberhottubs.com](http://www.beachcomberhottubs.com).

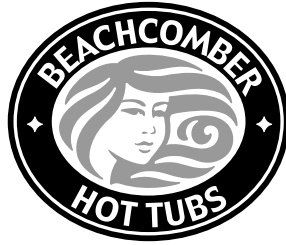
**Contact us via Email:**

[contact@beachcomberhottubs.com](mailto:contact@beachcomberhottubs.com)

**International Franchise Distributor Opportunities with Beachcomber:**

If you are interested in becoming an exclusive Beachcomber store, call 604.591.8611 to speak to a dealer development person in your area.

*Beachcomber Hot Tubs*



Enhancing Quality of Life

**San Diego Beachcomber Worldwide Center:**

1204 Park Center Drive, Vista, California USA 92083

1.866.250.7878

Fax line: 760.560.7882

**Arnhem Beachcomber European Center:**

De Overmaat 39A, 6831 AE Arnhem, The Netherlands

31 (0) 26 327 4822

Fax line: 31 (0) 26 323 7836

**Vancouver Beachcomber Home Office:**

13245 Comber Way, Surrey, BC, Canada V3W 5V8

1.800.663.6557

Fax line: 604.597.2853

**Toronto Beachcomber Development Center:**

#1, 2725 Bristol Circle, Oakville, ON, Canada L6H 6X5

1.800.268.3966

Fax line: 905.829.2848

*Register your Beachcomber Hot Tub and Keep it Worry-Free*

8 - 4



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*Beachcomber Hot Tubs*

We appreciate your referral. We believe that the best way to get new customers is to ask our hot tub owners! If you know of a friend or relative that is looking for a hot tub, we would appreciate it if you would let us know.

When they purchase a hot tub from Beachcomber, we'll send you a free gift, just to say thanks! Please include your name and address as well so that we can send you a token of our appreciation.

MY REFERRAL IS:

Name \_\_\_\_\_

Address \_\_\_\_\_

Postal Code \_\_\_\_\_

Phone (W) \_\_\_\_\_ (H) \_\_\_\_\_

Interested in Beachcomber Model \_\_\_\_\_

Please send free education and information kit  YES

NO

Please hand this form in to your local Beachcomber store on your next visit. Let us say "Thanks" in advance! We are committed to giving your friends and relatives the same level of service with a new Beachcomber Hot Tub.

Your Name \_\_\_\_\_

Your Address \_\_\_\_\_

\_\_\_\_\_  
Your Phone

**Or, you can return to:** Beachcomber Hot Tubs  
13245 Comber Way  
Surrey, BC, Canada V3W 5V8  
or fax to 604.597.2853



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*Beachcomber Hot Tubs*

**SECTION 9**

*Your  
Beachcomber  
Hot Tub  
Details*

*The basic details about your hot tub can be found in this section. But remember - it's for quick reference. If you need specific information about installation, operation, electrical supply and other technical questions, please contact your local Beachcomber Store. They will be happy to answer any questions you may have. Or, you can call Beachcomber's North American Customer Care, at 1.800.663.6557.*



## Beachcomber Hot Tubs

### HOT TUB MODEL DETAILS REFERENCE CHART

Hot Tub	Pump hp	Waterports™	Jets	Capacity	Dimensions	Dry Weight	Filled Weight
720RI	2.5x3.5	22	25-69	350 gallons 1325 litres	80x88x38 in 203x224x97 cm	675 lbs 307 kg	3596 lbs 1632 kg
750	3.5x4.5	38	43-121	398 gallons 1507 litres	89x89x38 in 226x226x97 cm	800 lbs 363 kg	4123 lbs 1870 kg
740	3.5x3.5	37	51-1323	398 gallons 1507 litres	89x89x38 in 226x226x97 cm	800 lbs 363 kg	4123 lbs 1870 kg
730	2.5x3.5	33	41-114	398 gallons 1507 litres	89x89x38 in 226x226x97 cm	750 lbs 341 kg	4073 lbs 1848 kg
720x	1.5x3.5	27	32-82	350 gallons 1325 litres	80x88x38 in 203x224x97 cm	675 lbs 307 kg	3596 lbs 1632 kg
720	1.5x2.5	22	25-69	350 gallons 1325 litres	80x88x38 in 203x224x97 cm	675 lbs 307 kg	3596 lbs 1632 kg
580	4.5	25	31-85	400 gallons 1515 litres	89x89x38 in 226x226x97 cm	725 lbs 329 kg	4065 lbs 1844 kg
550x	3.5	19	23-67	360 gallons 1363 litres	80x88x38 in 203x224x97 cm	650 lbs 295 kg	3655 lbs 1658 kg
550C	2.5	15	18-52	320 gallons 1212 litres	80x88x38 in 203x224x97 cm	578 lbs 262 kg	3578 lbs 1623 kg
530	2.5	15	18-54	264 gallons 1000 litres	70x86x38 in 179x218x97 cm	600 lbs 273 kg	2805 lbs 1273 kg
530L	2.5	15	18-54	250 gallons 946 litres	70x86x30 in 179x218x76 cm	500 lbs 227 kg	2587 lbs 1173 kg
520	1.5	13	15-33	185 gallons 701 litres	57x75x30 in 145x190x76 cm	425 lbs 193 kg	1971 lbs 894 kg
501	1.5	19	30-40	106 gallons 400 litres	41x76x30 in 104x193x76 cm	360 lbs 163 kg	1245 lbs 566 kg
380	3.0	17	19-45	400 gallons 1514 litres	89x89x38 in 226x226x97 cm	725 lbs 329 kg	4065 lbs 1844 kg
350	2.0	14	14-38	360 gallons 1363 litres	80x88x38 in 203x224x97 cm	650 lbs 295 kg	3655 lbs 1658 kg
320	1.0	5	6-36	220 gallons 833 litres	78x30 in 198x76 cm	425 lbs 193 kg	2262 lbs 1026 kg
320x	1.5	9	11-48	240 gallons 908 litres	78x38 in 198x97 cm	510 lbs 232 kg	2347 lbs 1064 kg
320m	1.0	6	6-36	220 gallons 833 litres	78x30 in 198x76 cm	425 lbs 193 kg	2262 lbs 1026 kg
320xm	1.5	9	11-48	240 gallons 908 litres	78x38 in 198x97 cm	510 lbs 232 kg	2347 lbs 1064 kg
150	1.5	13	17-61	360 gallons 1363 litres	79x87x38 in 201x221x97 cm	650 lbs 295 kg	3655 lbs 1658 kg



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## *Beachcomber Hot Tubs*

### **GLOSSARY OF TERMS**

#### **Access Door**

The door on a portable hot tub (also called a P2000) that gives you access to the hot tub equipment.

#### **Air Bleed Valve**

The small black valve used to bleed excess air from the system when priming pump(s). See Section 3.

#### **Air Button**

The function switch on a mechanical hot tub that turns the pump on and off.

#### **Air Control**

The function rotating knob that allows air to be injected into the jets for a more vigorous, therapeutic massage.

#### **Air Lock**

This happens when air is trapped inside the pak. See Section 3 for instructions on bleeding the air from the system.

#### **Blower**

A 1 HP pump that injects forced air into the jets for more turbulence in the hot tub. See "Turbo".

#### **Cabinet**

The wood that surrounds the hot tub. Also called a skirt. Beachcomber uses only the best clear (free from any defects) Western Red Cedar. See the "Beachcomber Book of Hot Tubs" for the story of Beachcomber's choice for this superior wood, on page 18. This book is available free of charge from your Beachcomber store.

#### **Control Panel**

The digital panel that controls the hot tub's functions. See Section 5.

#### **Cavitation**

This happens when air is gulped into the system through the microfilter. This is usually due to water level that is too low. See Section 3 for correct water levels.

#### **CoverAll**

Purity's product to enhance and protect the vinyl on a heatshield from the sun's rays. Comes in a convenient spray bottle.

#### **Digital 1000**

Beachcomber's entry level digital control panel. Basic functions of jets, light and temperature control. See Section 5.

#### **Digital 2000**

Beachcomber's digital control panel. Includes jets and light switches, as well as temperature, which is adjustable. See Section 5.

#### **Digital 3000**

Beachcomber's "Energy Saver" backlit 700 Series digital control panel. Includes all hot tub functions and is fully programmable for heating and filtering cycles. This panel is packed with convenient features such as a reversible display. See Section 5.





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## *Beachcomber Hot Tubs*

### **Drain**

The fitting set into the footwell that drains water from a hot tub. Beachcomber's unique design allows you to drain water safely and easily, the same way as the bath tub in your home. See Section 3.

### **Energy Saver**

The electronic system that allows operation of hot tub functions from the control panel. See "Digital 1, 2 or 3000". See Section 5.

### **EnviroSkirt™**

UV protected, synthetic cabinet with real wood simulated look. Impact resistant and will not rot.

### **Everlight™**

Beachcomber's hot tub light with new MicroStar™ technology. Designed to never burn out.

### **Filter**

The cartridge that filters minute particles, hair, leaves and other debris from your hot tub. Protects the equipment from foreign substances.

### **Filter Cure/Pure**

Purity's product that is used to clean filters. Alternating the use of these two products restores your filters for reuse.

### **Footwell**

The bottom of a hot tub where you place your feet. Beachcomber is known for its larger footwells for more comfortable seating.

### **GFCI Breaker**

The electronic switch installed in the power box of your house to give power to the hot tub. This is a user non-serviceable part.

### **Heater Housing**

The pipe that houses the heating element. It is lined with stainless steel to protect the element and to allow the piping to withstand the heat.

### **Heatshield**

The hot tub cover that sits on top of your hot tub. It conserves heat and protects the finish of your hot tub. Beachcomber also offers replacement heatshield covers at your local store, for any model of hot tub.

### **Hose Bib**

A valve fitting that is turned on or off to allow the flow of water. There are two hose bibs found on most Beachcomber Hot Tubs.

### **Hyperthermia**

A physical condition that occurs due to overexposure to heat that can be fatal.

### **Jets**

The fittings on your hot tub that direct the flow of water for massaging action. Beachcomber offers a variety of jets for your needs.

### **Kick Plate**

The bottom frame of the hot tub that supports the hot tub weight. Every Beachcomber Hot Tub is designed for even weight distribution.



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## *Beachcomber Hot Tubs*

### **Knife Valve**

The valve that allows the flow of water to the hot tub. See Section 1 for diagrams of their locations and operation.

### **Lift 'n Store**

Beachcomber's exclusive cover remover. An easy way to remove your hot tub cover. Made from aluminum piping.

### **Light**

The moodlight in a hot tub that provides safer entry and exit. Activated by the switch on the control panel.

### **Light Lens**

Colored plastic lens covers that fit over the hot tub light to create mood and ambience.

### **Locking Tabs**

Fittings on the heat shield that allow it to be locked down. Prevents unsupervised entry by children and keeps pets and other animals out. See Section 2.

### **Massage Inserts**

The threaded body or fixture that houses one or more jets. Threads into WaterPort™ opening allowing interchangeability of massage inserts. See Section 3.

### **Microfilter**

Beachcomber's filtration system design in the corner of each Beachcomber Hot Tub. Removal for cleaning is safe and easy. See Section 2.

### **Motor**

The 240 Volt electric motor. The motor is attached to a pump (also called a wet end). Beachcomber also offers a 120 Volt motor (see the chart in this section).

### **Nu-Wood**

Product to restore, protect and enhance the cedar cabinet on a hot tub for years to come. Easily applied in a two-part process with the brush supplied in the kit. See Section 4.

### **O-Ring**

Plastic ring on the back of the hot tub jets to complete the seal. Once jets are seated and installed, the O-ring helps keep the jet in place and prevents water from backing up into the air lines.

### **Ozone**

A water purification supplement method using Ozone gas. Gas is made by an Ozone generator unit that can reduce your sanitizer needs by up to 25%. Available as an option on most Beachcomber Hot Tubs.

### **Pak**

The hot tub electronic piece of equipment including the motor, pump and immediate piping. This is a non-serviceable component. See your Beachcomber dealer for servicing.

### **pH**

Stands for "potential for hydrogen". This is the term used to describe the acid (low pH) or alkalinity (high pH) condition of the water. The ideal pH for bathing in a hot tub is 7.5.



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## *Beachcomber Hot Tubs*

### **Protec**

Beachcomber's proprietary design option of exterior equipment to enhance serviceability, reduce noise, improve insulation and provide a step as standard equipment.

### **Portable**

Beachcomber style of construction with the equipment underneath the cabinet behind an access door. Also called a P2000. This model is fully portable like any other home appliance.

### **Pump**

The black fitting on the end of a hot tub motor. Houses the bearings and impeller that actually push the water through the pipes. Also called a "wet end".

### **Purity**

Beachcomber's exclusive supplier of water treatment and hot tub products such as Hot Tub Revitalizing Kits, Fragrances and Pool and Spa Chemicals. A full line of Purity products is available at your local Beachcomber store.

### **Return Side**

The side of the hot tub that sees the water return to the hot tub.

### **Shock**

The act of putting in extra sanitizer, usually weekly, to clean hot tub water.

### **Step**

Beachcomber's cedar step used for entry and exit. Offers better safety and ease of entry and exit and will easier support an

adult. The step is offered as standard equipment with a Protec hot tub, and optional on a Portable hot tub.

### **Suction**

The side of the hot tub that sees water return to the motor and pump. A suction fitting is in the footwell of the hot tub to allow water to be sucked back into the equipment and heater. See Section 2.

### **Tote Kits**

Purity's kits made especially for startup for new hot tub owners.

### **Tub Clean**

Purity's product to help clean the hot tub acrylic surface. Also used to clean a scum line in a hot tub that is full of water.

### **Turbo**

Another name for a blower, an extra pump (optional) to add more air action to a hot tub. See also "Blower".

### **Union**

The threaded fitting that is attached to hot tub piping to secure the pipe to another fitting. See Section 1 for diagrams on the Protec model and how to secure these unions.

### **Waterports™**

The jet openings within the hot tub shell.

### **Wire Size**

Your electrician is authorized to properly install your hot tub to ensure that your warranty is valid.



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## *Beachcomber Hot Tubs*

### **ADDITIONAL SOURCES OF INFORMATION ON YOUR HOT TUB**

1. The Beachcomber Book of Hot Tubs. 64 pages on the Beachcomber philosophy, the benefits of hot water therapy through the ages and the modern convenience of owning a Beachcomber.
2. The Art of Building a Hot Tub Video. Keith Scott shares his expertise on building hot tubs, and buying a hot tub for your home. You'll see a step-by-step process that builds industry-leading quality into every size hot tub Beachcomber makes.
3. The Beachcomber Buyer's Guide. All the facts and figures on the complete Beachcomber line of hot tubs to help you choose the model that's just right for you.
4. "One Who Knows Water". A newsmagazine featuring Beachcomber founder and industry pioneer Keith Scott, who answers frequently asked questions about hot tubs.
5. Beachcomber's website is available to you 24 hours a day. It is: [www.beachcomberhottubs.com](http://www.beachcomberhottubs.com).
6. If you ever have a question or concern, you can call Beachcomber's North American Customer Care Number, at 1.800.663.6557.
7. If you need more specific, statistical information about your Beachcomber Hot Tub, please consult your local Beachcomber store. While we endeavor to keep this manual current, we reserve the right to make changes without notice as new information, technology and manufacturing methods become available. If you need help with your hot tub, its operation and/or maintenance, or its installation and delivery, please consult your local Beachcomber store.