



**BEACHCOMBER**

BEACHCOMBER HOT TUBS

# OWNER'S GUIDE



SST



# CONGRATULATIONS

Your hot tub is an investment in your health and happiness. This Owner's Guide is intended to give you instructions on the basic operation of your hot tub. For the most up-to-date and current statistics on Beachcomber Hot Tubs, refer to our website. You can also find all Beachcomber Owner's Guides online.

[www.beachcomberhottubs.com](http://www.beachcomberhottubs.com)



Please share your Beachcomber Life @beachcomberhottubs.

## **Record Important details of your new Beachcomber Hot Tub**

MODEL NUMBER: \_\_\_\_\_ DATE OF PURCHASE: \_\_\_\_\_

HOT TUB SERIAL NUMBER: \_\_\_\_\_ STORE NAME: \_\_\_\_\_

GUARANTEE NUMBER: \_\_\_\_\_ STORE PHONE: \_\_\_\_\_

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***This Owner's Guide is for hot tubs manufactured from May 1st, 2019.***

# IMPORTANT SAFETY INSTRUCTIONS

## READ AND FOLLOW ALL INSTRUCTIONS

- ⚠ **WARNING:** CHILDREN SHOULD NOT USE SPAS OR HOT TUBS WITHOUT ADULT SUPERVISION.
- ⚠ **WARNING:** DO NOT USE SPAS OR HOT TUBS UNLESS ALL SUCTION GUARDS ARE INSTALLED TO PREVENT BODY AND HAIR ENTRAPMENT.
- ⚠ **WARNING:** PEOPLE USING MEDICATIONS AND/OR HAVING AN ADVERSE MEDICAL HISTORY SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR HOT TUB.
- ⚠ **WARNING:** PEOPLE WITH INFECTIOUS DISEASES SHOULD NOT USE A SPA OR HOT TUB.
- ⚠ **WARNING:** TO AVOID INJURY, EXERCISE CARE WHEN ENTERING OR EXITING THE SPA OR HOT TUB.
- ⚠ **WARNING:** DO NOT USE DRUGS OR ALCOHOL BEFORE OR DURING THE USE OF A SPA OR HOT TUB TO AVOID UNCONSCIOUSNESS AND POSSIBLE DROWNING.
- ⚠ **WARNING:** PREGNANT OR POSSIBLY PREGNANT WOMEN SHOULD CONSULT A PHYSICIAN BEFORE USING A SPA OR HOT TUB.
- ⚠ **WARNING:** WATER TEMPERATURE IN EXCESS OF 38 °C CAN BE INJURIOUS TO YOUR HEALTH.
- ⚠ **WARNING:** BEFORE ENTERING THE SPA OR HOT TUB, MEASURE THE WATER TEMPERATURE WITH AN ACCURATE THERMOMETER.
- ⚠ **WARNING:** DO NOT USE A SPA OR HOT TUB IMMEDIATELY FOLLOWING STRENUOUS EXERCISE.
- ⚠ **WARNING:** PROLONGED IMMERSION IN A SPA OR HOT TUB CAN BE INJURIOUS TO YOUR HEALTH.
- ⚠ **WARNING:** DO NOT PERMIT ELECTRIC APPLIANCES (SUCH AS A LIGHT, TELEPHONE, RADIO, OR TELEVISION) WITHIN 1.5 M OF THIS SPA OR HOT TUB.

### **CAUTION: MAINTAIN WATER CHEMISTRY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.**

Use the temperature adjustment keys on the control panel to adjust and select a water temperature. Refer to the temperature adjustment instructions for your topside control panel type. Always check the temperature of the water before entry with an accurate thermometer. Recommended time in water at 100°F / 38°C is 10 minutes.

### **WATER TEMPERATURE MAY NEED TO BE DECREASED FOR CHILDREN OR THE ELDERLY. PROLONGED IMMERSION IN HOT WATER MAY INDUCE HYPERTHERMIA.**

#### **AVOIDING THE RISK OF HYPERTHERMIA:**

The causes, symptoms, and effects of hyperthermia may be described as follows. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37 °C. The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body.

#### **THE EFFECTS OF HYPERTHERMIA INCLUDE:**

- Unawareness of impending hazard;
- Failure to perceive heat;
- Failure to recognize the need to exit spa;
- Physical inability to exit spa;
- Fetal damage in pregnant women; and
- Unconsciousness and danger of drowning.

- ⚠ **WARNING:** THE USE OF ALCOHOL OR DRUGS CAN GREATLY INCREASE THE RISK OF FATAL HYPERTHERMIA IN HOT TUBS AND SPAS.



# DIRECTIVES DE SÉCURITÉ IMPORTANTES LISEZ ET SUIVEZ TOUTES LES DIRECTIVES SUIVANTES

- ⚠ **AVERTISSEMENT: NE JAMAIS LAISSER DES ENFANTS UTILISER LE SPA SANS SURVEILLANCE D'UN ADULTE**
- ⚠ **AVERTISSEMENT: NE JAMAIS UTILISER LE SPA SI LES GARDES D'ASPIRATION NE SONT PAS TOUTES EN PLACE AFIN D'ÉVITER QUE LES CHEVEUX OU UNE PARTIE DU CORPS PUISSENT ÊTRE ASPIRÉS**
- ⚠ **AVERTISSEMENT: LES PERSONNES SOUS MÉDICAMENTS ET (OU) ONT DES PROBLÈMES DE SANTÉ DEVRAIENT CONSULTER UN MÉDECIN AVANT D'UTILISER LE SPA**
- ⚠ **AVERTISSEMENT: LES PERSONNES ATTEINTES DE MALADIES INFECTIEUSES NE DEVRAIENT PAS UTILISER LE SPA**
- ⚠ **AVERTISSEMENT: FAIRE PREUVE DE PRUDENCE EN ENTRANT DANS LE SPA ET EN SORTANT AFIN D'ÉVITER LES RISQUES DE BLESSURE**
- ⚠ **AVERTISSEMENT: NE PAS CONSOMMER DE DROGUE OU D'ALCOOL AVANT ET PENDANT L'UTILISATION DU SPA AFIN D'ÉVITER TOUT RISQUE D'ÉVANOUISSEMENT OU DE NOYADE**
- ⚠ **AVERTISSEMENT: LES FEMMES ENCEINTES, QUE LEUR GROSSESSE SOIT CONFIRMÉE OU NON, DEVRAIENT CONSULTER UN MÉDECIN AVANT D'UTILISER LE SPA**
- ⚠ **AVERTISSEMENT: UNE TEMPÉRATURE DE L'EAU SUPÉRIEURE À 38 °C PEUT ÊTRE DANGEREUX POUR VOTRE SANTÉ**
- ⚠ **AVERTISSEMENT: AVANT D'UTILISER LE SPA, MESURER LA TEMPÉRATURE DE L'EAU À L'AIDE D'UN THERMOMÈTRE PRÉCIS**
- ⚠ **AVERTISSEMENT: NE PAS UTILISER LE SPA IMMÉDIATEMENT APRÈS UNE ACTIVITÉ PHYSIQUE INTENSE**
- ⚠ **AVERTISSEMENT: L'UTILISATION PROLONGÉE D'UN SPA PEUT ÊTRE DANGEREUSE POUR VOTRE SANTÉ**
- ⚠ **AVERTISSEMENT: NE PAS PLACER D'APPAREIL ÉLECTRIQUE (COMME UN LUMINAIRE, TÉLÉPHONE, RADIO, OU TÉLÉVISEUR) À MOINS DE 1.5 M DU SPA**

## **ATTENTION : LA TENEUR DE L'EAU EN MATIÈRES DISSOUTES DOIT ÊTRE CONFORME AUX DIRECTIVES DU FABRICANT.**

Utilisez les touches de réglage de la température sur le panneau de commande pour régler et sélectionnez une température d'eau. Référez aux instructions de réglage de la température pour votre panneau de commande. Vérifiez toujours la température de l'eau à l'aide d'un thermomètre avant d'entrer dans le hot tub. Durée recommandée lorsque la température de l'eau est de 100°F / 38°C est 10 minutes.

**IL PEUT ÊTRE NÉCESSAIRE DE RÉDUIRE LA TEMPÉRATURE DE L'EAU POUR LES ENFANTS OU LES PERSONNES ÂGÉES. L'IMMERSION PROLONGÉE DANS L'EAU CHAUDE PEUT PROVOQUER L'HYPERTHERMIE.**

## **HYPERTHERMIE:**

Les causes, symptômes et effets de l'hyperthermie peuvent être décrits comme suit. L'hyperthermie survient lorsque la température interne du corps atteint un niveau de plusieurs degrés au-dessus de la température normale de 37 °C. Les symptômes de l'hyperthermie comprennent la somnolence, la léthargie et une augmentation de la température interne du corps. Les effets de l'hyperthermie comprennent

## **LES EFFETS :**

- inconscience d'un danger imminent;
- incapacité de percevoir la chaleur;
- incapacité de reconnaître la nécessité de sortir du spa;
- inaptitude physique à sortir du spa;
- lésions du fœtus chez la femme enceinte; et
- évanouissement et danger de noyade.

- ⚠ **AVERTISSEMENT: LA CONSOMMATION D'ALCOOL OU DE DROGUE AUGMENTE CONSIDÉRABLEMENT LES RISQUES D'HYPERTHERMIE MORTELLE DANS UNE CUVE DE RELAXATION.**

# IMPORTANT SAFETY INSTRUCTIONS

## READ AND FOLLOW ALL INSTRUCTIONS

### AVOIDING THE RISK TO CHILDREN

**WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times

**DANGER:** Risk of Accidental Drowning

- Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use this hot tub or spa unless they are supervised at all times

### AVOIDING THE RISK OF ELECTROCUTION:

- A wire connector is provided on this unit to connect a minimum 8 AWG (8.4 mm<sup>2</sup>) solid copper conductor between this unit and any metal equipment, metal enclosures of electrical equipment, metal water pipe or conduit within 5 feet (1.5m) of the unit.

**DANGER:** Risk of injury

- For cord connected units: a) Replace damaged cord immediately. b) Do not bury cord. c) Connect to a grounded, grounding type receptacle only.

### DANGER: Risk of Electric Shock.

- Install at least 5 feet (1.5m) from all metal surfaces. As an alternative, a hot tub or spa may be installed within 5 feet of metal surfaces if each metal surface is permanently connected by a minimum 8 AWG (8.4 mm<sup>2</sup>) of solid copper conductor to the wire connector on the terminal box that is provided for this purpose.
- Do not permit any electrical appliance, such as a light, telephone, radio or television, within 5 feet (1.5m) of a hot tub or spa.

### AVOIDING THE RISK OF INJURY:

**DANGER:** Risk of Injury. The suction fittings in this hot tub or spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible.

Never operate a hot tub or spa if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

### WARNING: To reduce the risk of injury:

- The water in a hot tub or spa should never exceed 40°C (104°F). Water temperatures between 38°C (100°F) and 40°C are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when hot tub or spa use exceeds 10 minutes. Prolonged immersion in a hot tub or spa may be injurious to your health.
- Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit hot tub or spa water temperatures to 38°C (100°F). Pregnant or possibly pregnant women should consult a physician before using a hot tub or spa.
- Before entering a hot tub or spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature-regulating devices varies.
- The use of alcohol, drugs or medication before or during hot tub or spa use may lead to unconsciousness with the possibility of drowning.
- Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems or diabetes should consult a physician before using a hot tub or spa. Persons with infectious diseases should not use a hot tub or spa.
- Persons using medication should consult a physician before using a hot tub or spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.
- Do not enter a hot tub or spa immediately following strenuous exercise.
- To avoid injury, exercise care when entering or exiting the hot tub or spa.



**ELECTRICAL EQUIPMENT:**

CONNECT ONLY TO CIRCUITS PROTECTED BY A CLASS A GFCI. A DISCONNECTING MEANS MUST BE INSTALLED WITHIN SIGHT FROM THE EQUIPMENT AND AT LEAST 5 FEET (1.52 M) FROM THE INSIDE WALLS OF THE POOL, SPA OR HOT TUB. USE COPPER CONDUCTORS ONLY

When using this electrical equipment, basic safety precautions should always be followed including the following:

- A green colored terminal, or terminal marked G, GR, Ground, Grounding or the international grounding symbol is located inside the supply terminal box or compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electrical supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment.
- At least two lugs marked “BONDING LUGS” are provided on the external surface or on the inside of the supply terminal box or compartment. To reduce the risk of electric shock, connect the local common bonding grid in the area of the hot tub or spa to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG
- All field installed metal components such as rails, ladders, drains or other similar hardware within 3 meters / 9.84 feet of the hot tub or spa shall be bonded to the equipment grounding bus with copper conductors not smaller than No. 6 AWG
- There are no user serviceable parts within the management system. The high voltage can cause injury or death.
- The hot tub or spa must be hooked up to a Ground Fault Circuit Interrupter (G.F.C.I.) by a licensed electrician.
- Use the test button on your G.F.C.I monthly to ensure it is working properly.
- **CAUTION:** Wiring Connected in this box must be rated at 300V.




**AUDIO COMPONENTS:**

When using audio components, basic safety precautions should always be followed including the following:

- **CAUTION:** Risk of Electric Shock. Do not leave compartment door open.
- **CAUTION:** Risk of Electric Shock. Replace components only with identical components.
- Do not operate the audio controls while inside the hot tub or spa.
- **WARNING:** Prevent Electrocution. Do not connect any auxiliary components (for example cable, additional speakers, headphones, additional audio/video components, etc) to the system.
- These units are not provided with an outdoor antenna; when provided, it should be installed in accordance with Article 810 of the National Electrical Code, ANSI/NFPA 70.
- Do not service this product yourself as opening or removing covers may expose you to dangerous voltage or other risk of injury. Refer all servicing to qualified personnel.
- When the power supply connections or power supply cord(s) are damaged; if water is entering the audio/video compartment or any electrical equipment compartment area; if the protective shields or barriers are showing signs of deterioration; or if there are signs of other potential damage to the unit, turn off the unit and refer servicing to a qualified service personnel.
- This unit should be subjected to periodic routine maintenance (for example, once every 3 months) to make sure that the unit is operating properly.

**UV COMPONENTS:**

- **CAUTION:** Radiation of the ultraviolet lamp is dangerous if exposed to eyes and/or skin.
- **CAUTION:** The quartz glass tube and UV lamp will stay warm for quite some time after the device has been switched off. Allow at least 15 minutes to cool.

<p><b>UL/CSA North American Standards:</b>          UL 1563 Sixth Edition          CAN/CSA C22.2 No. 218.1-13</p>	
<p><b>Hot Tub Cover Safety Standards:</b>          ASTM F1346-91</p>	
<p><b>European &amp; International Standards:</b>          IEC/EN 60335-1 / AMD1/2          IEC/EN 60335-2-60          EN61000-6-1/3          EN61000-3-11/12 (AS/NZS 61000.6.3)          EN62233          2014/35/EU - LVD          2011/65/EU - RoHS          2014/30/EU - EMC</p>	

# IMPORTANT SAFETY INSTRUCTIONS

## READ AND FOLLOW ALL INSTRUCTIONS

### SAFETY SIGN INSTALLATION:

- Each Beachcomber Hot Tub is shipped with a Safety Sign in the owner's package.
- This Safety Sign is to be permanently located where visible to the users of this hot tub or spa. It is important that all users, both frequent and occasional, are aware of this sign and its warning.
- *Additional or replacement copies of this sign can be obtained from Beachcomber Hot Tubs by calling:*

Toronto Head Office  
1-800-268-3966

Bureau de Montréal  
1-866-389-7878

Vancouver Home Office  
1-800-663-6557

### HOT TUB WATER CARE

#### WARNING:

- Do not enter a hot tub without adequate sanitization/disinfection.
- Always follow the label instructions and warnings on Beachcomber water care chemical bottles.
- Prevent unauthorized child access to avoid the risk of drowning.
- When shock treating hot tub water, leave the cover slightly open to allow vapor to escape for 1 hour. High levels of sanitizer damages the underside of the cover, which is not covered by guarantee.
- Do not allow children to use a hot tub without adult supervision.
- Keep potential harmful products out of reach of children at all times.

#### General Safety and Handling:

- Reactions could occur that may emit harmful gases. Pouring the chemical into the larger body of water is the proper way to handle application of product to the hot tub.
- Always ensure to add the water care products towards the center of the hot tub, with the circulation system running.
- Never mix water care products with each other.
- Always follow directions from the bottle. Serious injury could occur if label instructions are not followed.
- Do not allow moisture to come in contact inside the bottle with any treatment product.

#### Storage and Disposal:

- All products should be stored at room temperature, away from potential flame or spark.
- Do not let products freeze or overheat.
- Avoid storing water care products directly on the ground.
- Ensure that there is a door or brace to keep the water care product from falling if stored up on a shelf.
- Government regulations require that bottles be triple rinsed before recycling.



**Emergency Chemical Spill Guidelines:****Minor Spill:**

*In the event of a spill involving the release of a type or quantity of a chemical which does not pose an immediate risk to health and does not involve chemical contamination to the body:*

- Isolate the area. Evacuate the immediate area if necessary.
- Control Spread of spill, this may include covering or damming floor drains, and removing ignition sources.
- Establish exhaust ventilation. Vent vapors to outside of building only (open windows and doors).
- Refer to Material Safety Data Sheets for cleanup information.
- Locate spill kit. Choose appropriate personal protective equipment (goggles, face shield, impervious, gloves, lab coat, apron, etc.).
- Wet mop spill area. Be sure to decontaminate broom, dustpan, etc.
- Put all contaminated items (gloves, clothing, etc.) into a sealed 5 gallon container or plastic bag.
- Call local authorities for proper waste management control for your area.

**Major Spill:**

*In the event of a major spill which:*

**1. Involves the release of a type or quantity of a chemical that poses an immediate risk to health;**

**2. Involves an uncontrolled fire or explosion:**

- Evacuate nonessential personnel from the spill area and/or activate the nearest fire alarm.
- Call 911 and give details of the accident including location, types of hazardous materials involved, and whether there is personal injury.
- If the accident involves personal injury or chemical contamination, resort to MSDS First Aid Measures for information due to exposure, ingestion and/or inhalation.

**At the same time:**

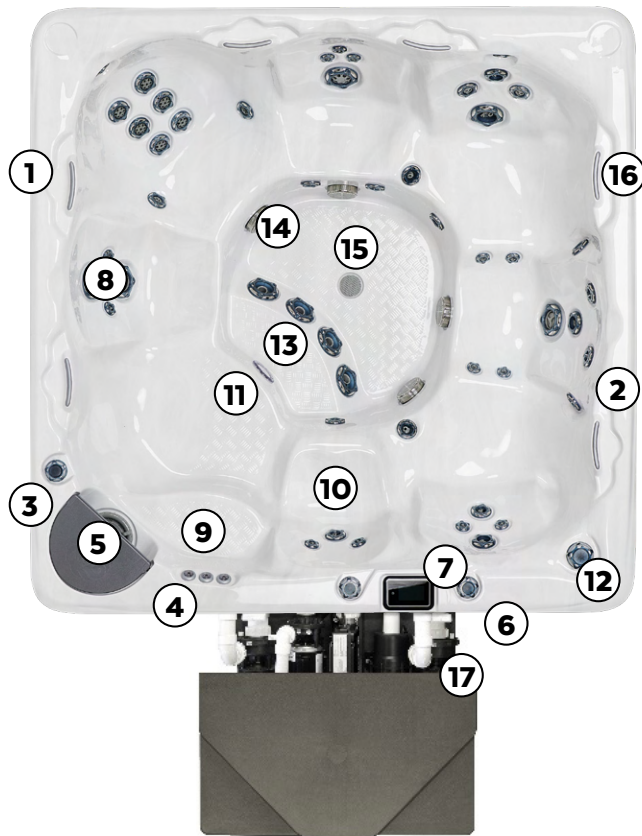
- Attend to injured by moving the victim from the immediate area of fire, explosion, or spill (if this can be done without further injury to the victim or you).
- Locate nearest emergency eyewash or safety shower. Remove any contaminated clothing from the victim and flush all areas of the body contacted by chemicals with copious amounts of water for 15 minutes.
- If feasible without causing harm to yourself control Spread of spill, this may include covering or damming floor drains, and removing ignition sources.

**IMPORTANT BEACHCOMBER GUARANTEE GUIDELINES:****Read this important information for your safety and convenience:**

1. Read this Owner's Guide thoroughly and follow the safety guidelines provided.
2. If you have questions not covered in this guide, call your local store, or in North America, call **1-800-663-6557**, or **604-591-8611**.
3. Follow water care instructions and label instructions. Failure to do so can result in damage to the hot tub or the equipment.
4. Always leave your HEATSHIELD™ open half way when shocking your water.
5. Always supervise children in and around a hot tub. Do not allow children to use the hot tub unsupervised.
6. Test your GFCI circuit protector at least once a month to ensure it is working correctly.
7. Rinse your MICROFILTER™ once a week to maintain water clarity.
8. Always check the water temperature before entry. Do not enter a hot tub if the temperature is higher than 104°F / 40°C.
9. Always check the sanitizer level for adequate levels. Failure to do so can cause respiratory and skin problems or disease.
10. Do not walk or sit on or put heavy weight on the HEATSHIELD™ cover. This can cause the foam inserts to break.
11. Do not leave the hot tub exposed to the sun if empty. Always cover the hot tub with your HEATSHIELD™ cover.
12. Always supervise children in and around a hot tub or pool.
13. Do not attempt to repair or service equipment. Consult your local Beachcomber store for expert and qualified service.
14. Do not attempt to drain and refill your hot tub during freezing temperatures.
15. Avoid using glassware in or around your hot tub.
16. Do not operate the hot tub with inadequate water level.
17. Do not use drugs or alcohol in or around a hot tub.

## Beachcomber Hot Tub Components Overview

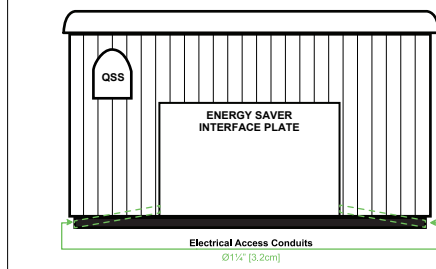
Familiarize yourself with the components of your personal Beachcomber Hot Tub. Some of these features shown may be optional at extra cost and are shown here for the safety and convenience of our worldwide customers.



1. Moulded Handgrips
2. Eclipse™ Accent Lighting (500 Series)
3. Roman Arch™ Waterfall Control Valve
4. Roman Arch™ Waterfall Jets
5. Filter Lid for MICROFILTER™ and Skimmer Basket
6. Air Controls
7. Easy Touch™ Smart Control
8. Beachcomber FLEXJETS™
9. Checkerplate Non-slip™ Access
10. Cooling Seat
11. Everlite Moodlighting
12. Reflex Foot Massage™ RFM Control Valve
13. Reflex Foot Massage™ RFM Jets
14. VGB Approved Suction Fittings
15. Gravity Floor Drain
16. Crescent Moon Lighting (700 Series)
17. Smart Sense Technology (SST)



- A. Electrical Conduit Access (on both sides)



- B. Perma-Seal Foundation (on hot tub bottom)
- C. Quintessential Surround Sound System
- D. All-Weather SAFEAXISS™ Steps (HYBRID4® Edition only)
- E. Enviroskirt™ Cabinetry
- F. Acuralux™ Acrylic
- G. HEATSHIELD™ Cover



## Basic Hot Tub Configurations

Beachcomber manufactures hot tubs in two configurations: the HYBRID4® Edition featuring the equipment outside of the hot tub cavity under a safety step, and the LEEP™ Portable which features the equipment tucked inside the hot tub cabinetry behind an access door.



**The LEEP™ Hot Tub**



**The HYBRID4® Hot Tub**

## Starting Up your Beachcomber Hot Tub for the First Time

For HYBRID4® Edition Hot Tubs, the external pumping and heating equipment arrives in its own separate HYBRID4® Equipment Box. The equipment must be hooked up to the hot tub using the separate instructions provided on the HYBRID4® Equipment Box. For either LEEP™ or HYBRID4® hot tubs, electrical connections must be performed by a qualified electrician. After the proper electrical connections have been performed to your proper standard codes, the qualified installer must follow these steps:

1. Check all union fittings on the HYBRID4® or LEEP™ pumping and heating equipment to ensure gaskets are in place with a tight fit. Hand-tightening is sufficient. If leaking is noted at these fittings, the gasket may be missing, not seated properly or the fitting may not be tight enough. Unscrew the union and check.
2. Fill the hot tub with water from a garden hose. You can place the hose directly in the hot tub, or attach it to the drain/fill valve located down by the pumps. We recommended running water through the garden hose to waste for 10 seconds, before filling the hot tub to ensure fresh water from the hose source.
3. Fill the hot tub to the half way mark on the skimmer opening as shown. For Hush Pump System™ equipped hot tubs, the level can be lowered to one third up the skimmer opening, allowing for more displacement if the hot tub is subjected to use by more than the recommended number of people for that model. Do not allow the water to go below this level.
4. Open the air bleed valve to release any air trapped in the external plumbing (see equipment configuration diagrams in this guide). There is one air bleed valve on the model 320 hot tub, and all 300, 500 and 700 series hot tubs equipped with the Hush Pump System™.
5. With the air bled from the system, you can now turn on the power at the GFCI. Once the control panel is on, use the instructions on the following pages to complete your start up. Refer to the instructions for the control panel that matches your system.



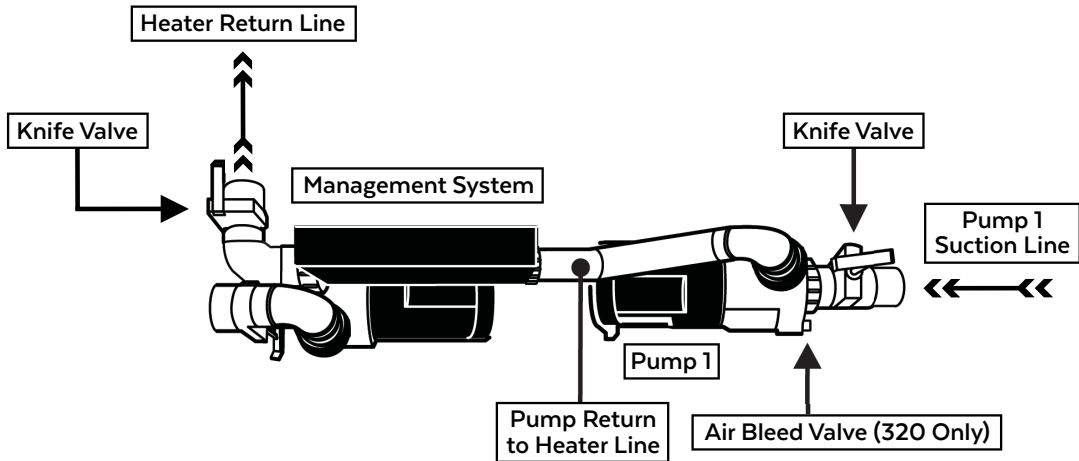
### **Water Level**

Normal water level is half way up the skimmer opening.

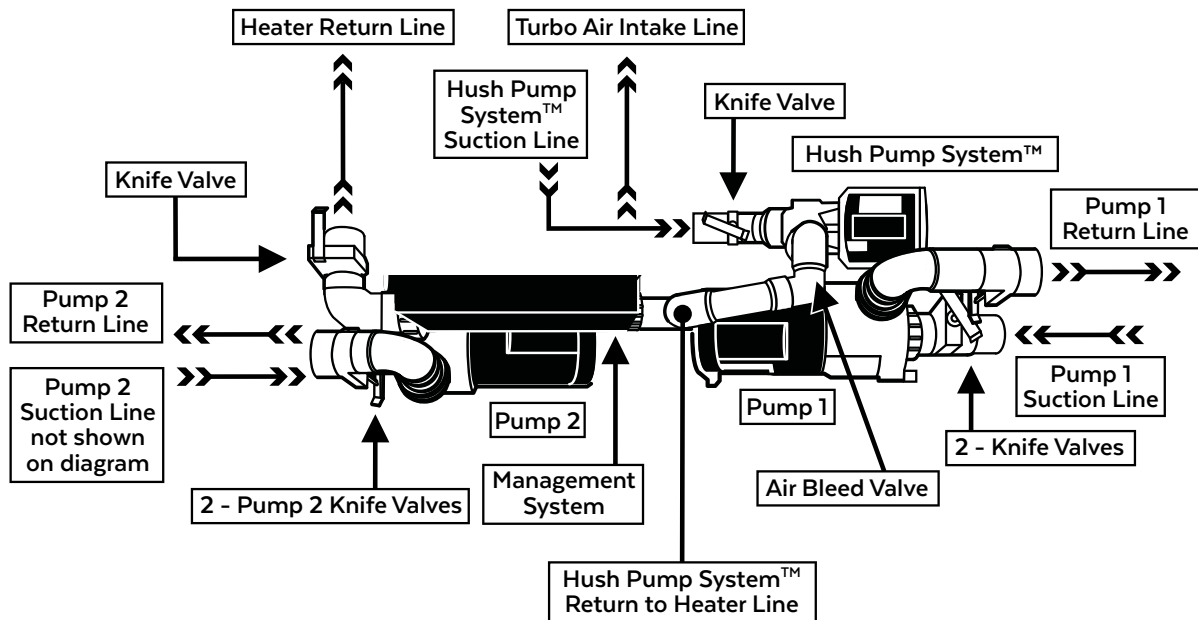
# LEEP™ Portable Equipment Configuration Diagrams

Use these diagrams for component location on all Beachcomber LEEP™ Portable models. See Beachcomber Hot Tub Specifications and Details on page 37 for Electrical Requirements.

## Original LEEP™ Portable Hot Tub, 2 Speed Pump Version



## Original LEEP™ Portable Hot Tub, Hush Pump System™

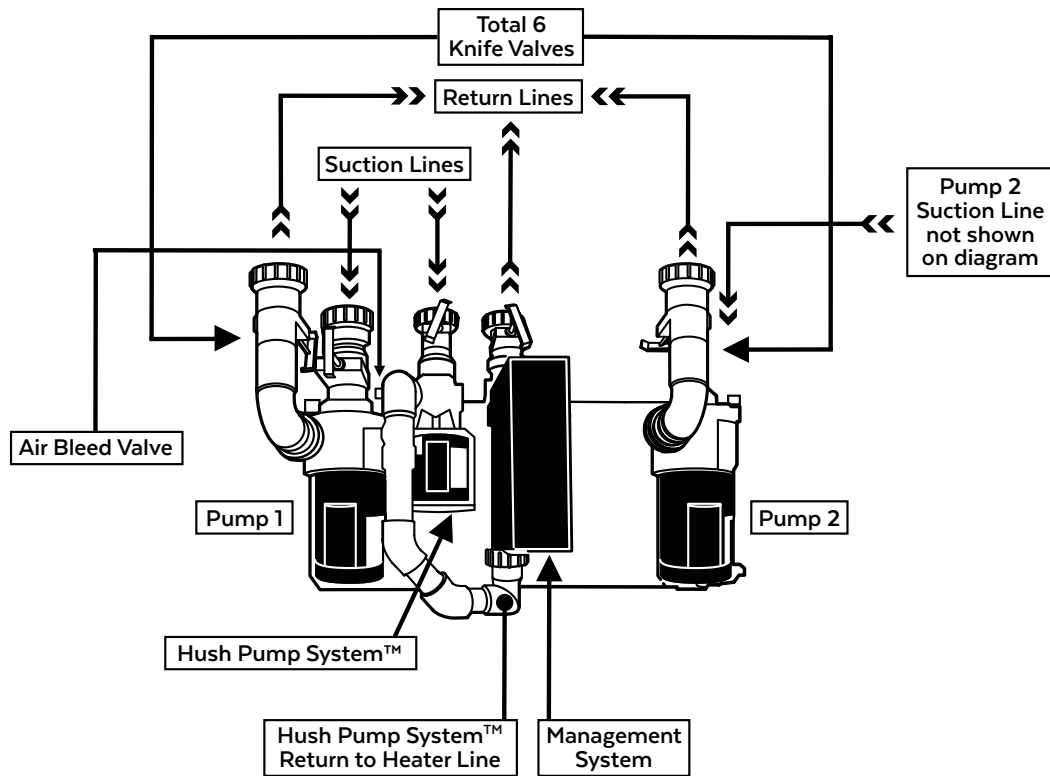


Please Note: Your hot tub may or may not be equipped with features shown in this Owner's Guide. Beachcomber makes continual changes, upgrades and improvements; if you need more specific information on your hot tub, please call your local Beachcomber store, or use the contact information in this guide. Diagram shown is 700 series with Optional Turbo. For 300 and 500 series the configuration is same except minus pump 2 and Turbo.

# HYBRID4® Edition Equipment Configuration Diagrams

Use these diagrams for component location on all Beachcomber HYBRID4® Edition models.  
See Beachcomber Hot Tub Specifications and Details on page 37 for Electrical Requirements.

## HYBRID4® Edition Hot Tub with Hush Pump System™



Please Note: Your hot tub may or may not be equipped with features shown in this Owner's Guide. Beachcomber makes continual changes, upgrades and improvements; if you need more specific information on your hot tub, please call your local Beachcomber store, or use the contact information in this guide. Diagram shown is 700 series with optional Turbo and pump 2. For 300 and 500 series minus pump 2.

# ET-1000 Reference Guide



No buttons, keys and overlays! Mode and function selection wheels, all-on or all-off one touch activation key of last used settings, interactive display icons and on-screen messages are all elements of the ET-1000 user interface, designed to let hot tub users interact intuitively with their hot tub and its value-added accessories.

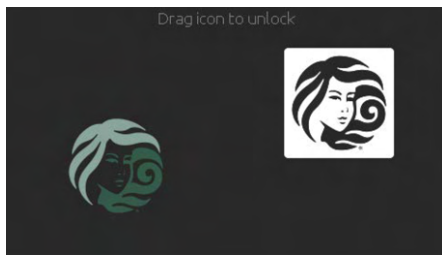
## Notification Icons

Notification icons at the top right-hand side of the screen show the status of connected value-added accessories.



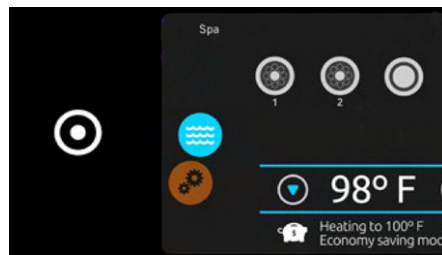
## Hot Tub Functions

Quick and easy step-by-step instructions to control the main functions and to configure system settings of your hot tub from its ET-1000 keypad.



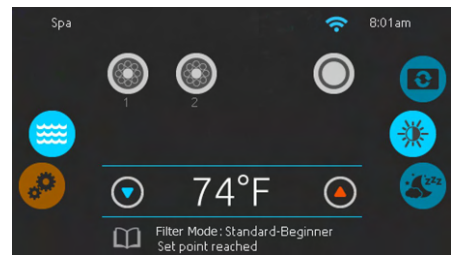
### Turn Keypad On

3 minutes after the last pump is turned off, the screen will shut off if there is no touch activity. Touch the screen to turn on the keypad. Then follow the instructions on the screen to access the main screen.



### all-on, all-off target key

ET-1000 features an all-on or all-off one touch activation key. When pressed, it stops or starts all working components and accessories at once.



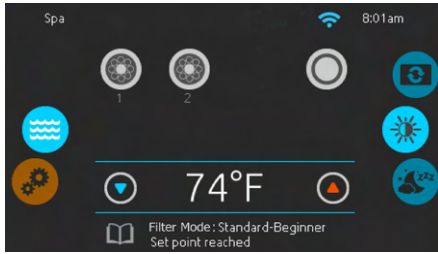
From the home screen, you can access the following modes:

- Spa
- Settings

To select a mode, slide the left wheel up or down until the desired icon menu is highlighted in the middle.



# Spa Mode



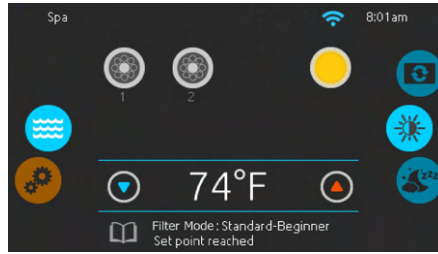
## Spa Mode

To select the spa mode, slide the left wheel up or down until the spa icon is highlighted in the middle.

The home screen will display its equipment start or stop keys, up and down buttons, water temperature, messages and quick access to display options:

- Display orientation
- Display contrast

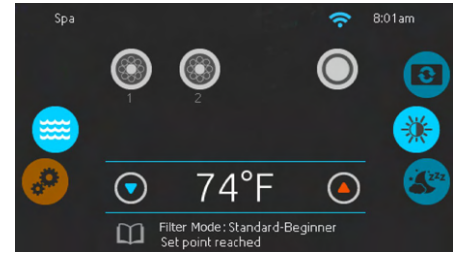
To select an option, slide the right wheel up or down until the desired icon menu is highlighted in the middle.



## Start or Stop Accessories

To start or stop an accessory (pump, blower, light), touch the associated icon. Icons will become animated when their accessory is turned on, and animation will stop when turned off.

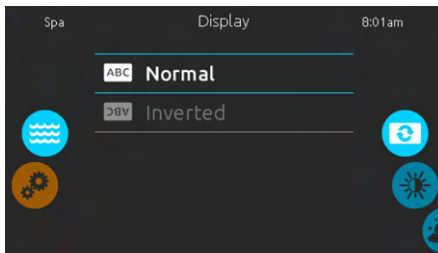
Icons on the screen will reflect the speed or state of the devices running on your hot tub. When an accessory has more than one speed, press the button until it reaches the desired speed.



## Water Temperature

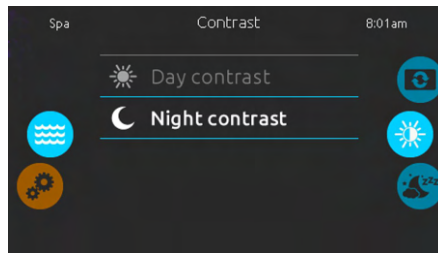
The temperature at the bottom of the screen shows the current water temperature. Use the Up and Down icon to set the desired temperature. The set point will appear in blue. After 3 seconds without any changes to the set temperature value, the current water temperature will reappear.

When the set value is lower than the current temperature Cooling to xx.x will appear below. When the set value is higher than the current temperature, Heating to xx.x will be indicated under the value. Normally there is a short delay before the heating starts, during which Heating Suspended is indicated under the value.



## Display Orientation

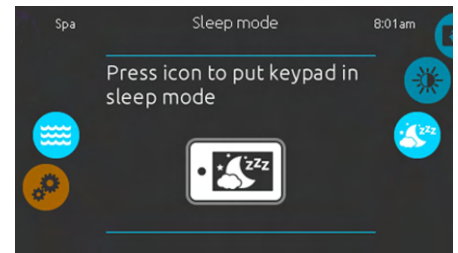
To modify the display orientation settings, slide the right wheel until the display orientation icon is highlighted in the middle. Simply touch the line of the orientation you want to select.



## Display Contrast

To modify the display contrast settings, slide the right wheel until the display contrast icon is highlighted in the middle.

Simply touch the line of the contrast you want to select.



## Sleep

Press key to go directly into the sleep mode. In sleep mode, water splashing on the keypad can't inadvertently start/stop a pump.

# ET-1000 Settings

You can use the Settings mode to manage settings of your spa system.



To select an item, slide the right wheel until the desired icon is highlighted in the middle or press on the menu name.

Direct to function selection wheel:

- filter mode
- maintenance
- date & time
- keypad
- electrical config
- wifi
- about

To select the settings mode, slide the left wheel up or down until the settings icon menu is highlighted in the middle.

## Filter Mode

The filter mode screen will help you set up your ideal filtration and heating settings. Choose, set or modify one of the 5 suggested modes depending on your needs at any given time.



### Away from home

In this mode the hot tub will always be in economy; the set point will be reduced by 20° F.



### Standard-Beginner

(default filter mode) The hot tub will never be in economy mode and will be filtering according to the management system's low level configuration.



### Energy Savings

The hot tub will be in economy mode during the peak hours of the day and resume normal mode on the weekend.



### Super Energy

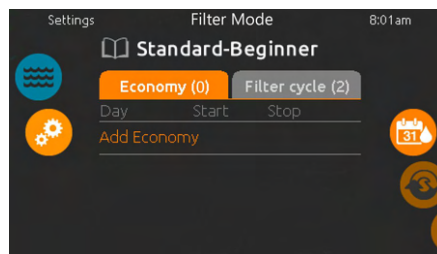
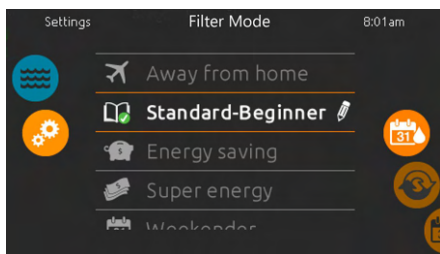
The hot tub will always be in economy mode during peak hours, every day of the week.



### Weekender

The hot tub will be in economy mode from Monday to Friday, and will run normally on the weekend.

## Modifying Filter Mode Schedules



*\*In economy mode, the set point will be reduced by 20°F - which means the heating system will not be engaged unless the temperature falls to 20°F below the hot tub's set temperature.*

### Filter Mode

To modify a Filter mode category, touch the pen icon at the right end of the desired water care to open the selected Water Care menu.

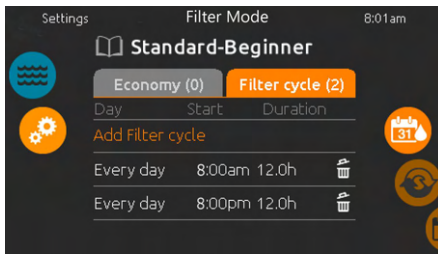
Note: The default Filter Mode for Hot tubs equipped with a Hush pump is "Standard-Beginner" and is programmed to filter 24 hours (2 x 12hr) per day.

- 1st filter cycle @ 8:00am
- 2nd filter cycle @ 8:00pm

### Economy\*

Touch the Economy tab to change the economy schedule. You can add economy schedules by touching the orange line labeled "Add Economy".

To delete a schedule, touch the garbage can icon at the right end of the desired line.



### Filter Cycles

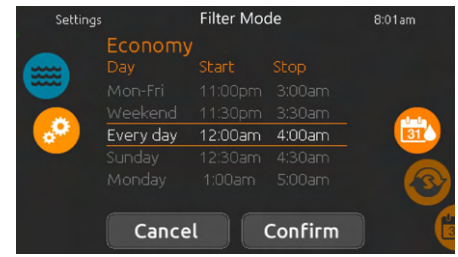
Touch the Filter cycle tab to change the filter cycle schedules. You can add filtration schedules by touching the orange line labelled “Add filter cycle”.

To delete a schedule, touch the garbage can icon at the right end of the desired line.

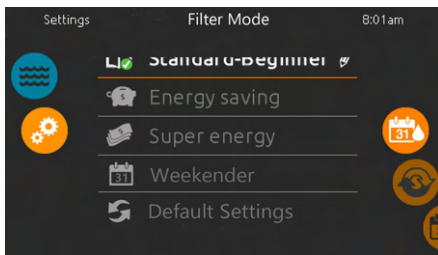


You can modify the programmed schedules by selecting one and adjusting the schedule.

You have several possibilities for the schedule (Mon-Fri, weekend, every day, or single days). The schedules will be repeated every week. The time and duration are set in 30 minute increments.



Once you have set the schedule, press “Confirm”. If you don’t want to keep any changes, press “Cancel” or use the calendar icon to go back.



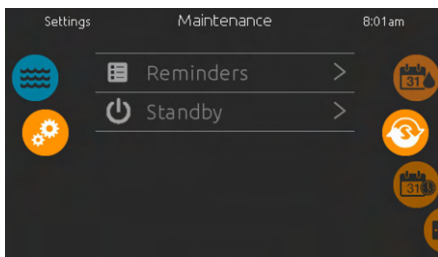
### Default Settings

You can reset all Filter Modes back to original factory settings by pressing “Default Settings”.



Press “Confirm” to reset. Press “Cancel” if you choose not to reset.

## Maintenance



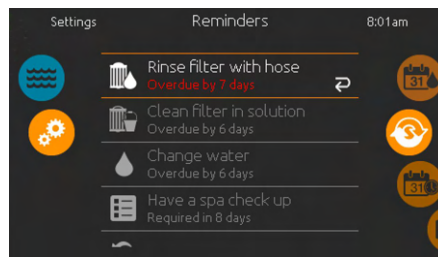
### Maintenance

To modify maintenance settings, slide the right wheel until the maintenance icon is highlighted in the middle.

From the Maintenance screen you can access the following:

- Reminders
- Standby

Simply touch the line of the item you want to change.

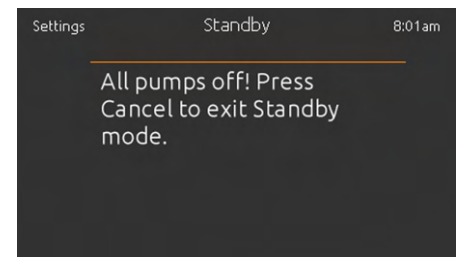


### Reminders

The ET-1000 keypad will provide reminders about maintenance required on your spa, like rinsing or cleaning the filter. Every task has its own duration, based on normal use.

The reminders menu allows you to check the time left before maintenance is required, as well as to reset the time once a task has been completed.

To reset a task, select it by pressing the curved arrow, then confirm when prompted. Once you have confirmed, the task will be reset.

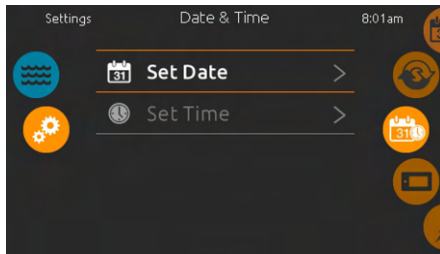


### Standby

The Standby mode allows you to service your spa. Pumps will stop for 30 minutes and will automatically restart after.

The normal screen will return at the end, once the pumps will be restarted.

## Date and Time



### Date and Time\*

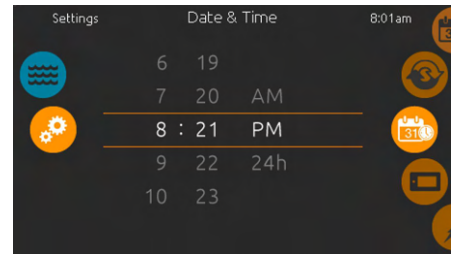
To modify date and time settings, slide the right wheel until the date and time icon is highlighted in the middle.

Simply touch the line of the item you want to change.



### Set Date

Here you can adjust the year, month and date. Simply swipe up and down the column you want to change, and select the desired value. When done, touch the calendar icon at the right of the screen.

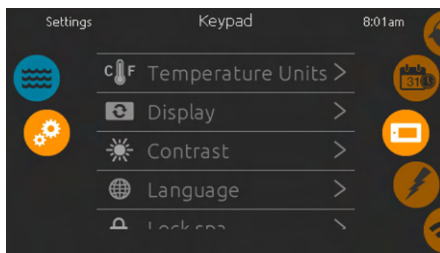


### Set Time

Here you can change the hour, minute and time format. Simply swipe up and down the column you want to change, and select the desired value. When done, touch the calendar icon at the right of the screen.

\*Note: If connected to Wifi (see page 20) with BIC-e in.touch 2, date & time will automatically be set to local time zone.

## Keypad Settings



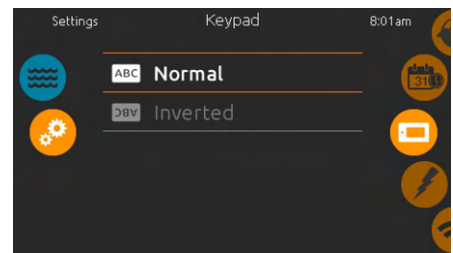
### Keypad Settings

To modify keypad settings, slide the right wheel until the keypad icon is highlighted in the middle. Simply touch the line of the item you want to change.



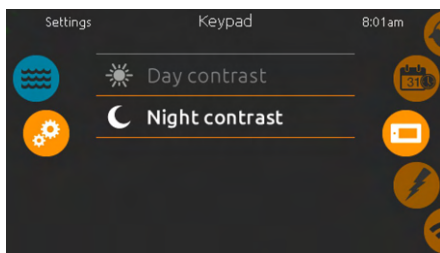
### Temperature Units

Use this screen to set or change the temperature in F° or C° units.



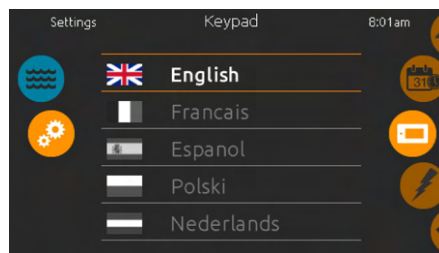
### Display Orientation

Use this screen to set or change the normal or inverted display orientation.



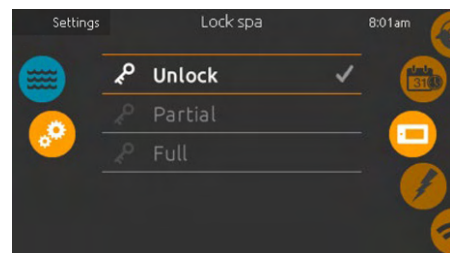
### Display Contrast

Use this screen to set or change the display day or night contrast.



### Display Language

Use this screen to set or change the display language.

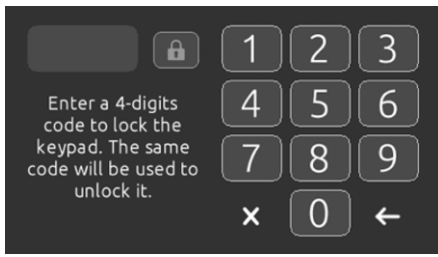


### Keypad Lock/Unlock (Optional)

When this option is enabled, the user can partially or completely lock the keypad.

When Full Lock is selected, all functions are locked. In Partial Lock, you may only activate accessories. Settings may not be changed in this mode.



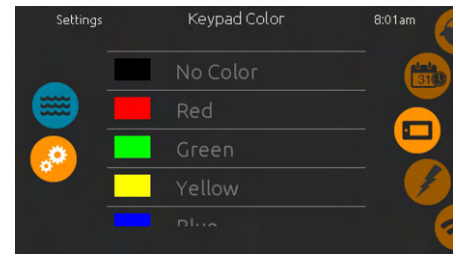


When the user wants to lock the keypad he is asked to select a 4-digit code. The same code will be needed to unlock the keypad.



Next time he wants to lock the keypad, he will be prompted again to select a 4-digit code (same functionality as a Safe in a hotel room).

The keypad can be unlocked with a universal unlock code (3732) or by a reset of the keypad.

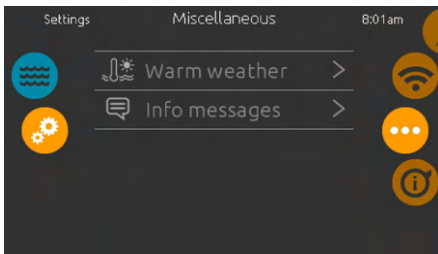


### Keypad Colour

With this feature the keypad rim color can be changed. 8 pre-defined colors are available.

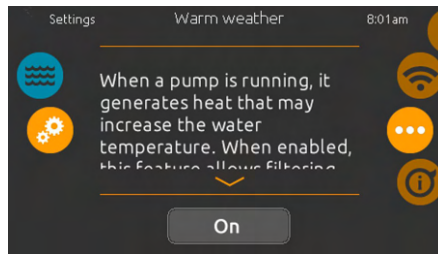
*Note: Keypad colors are not tied to other lighting features in the hot tub.*

## Miscellaneous



### Miscellaneous

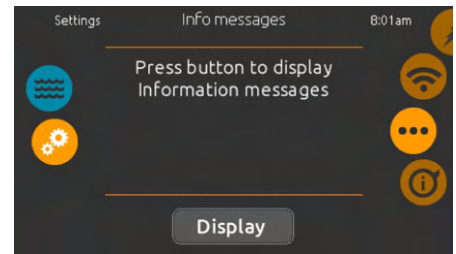
This menu gives access to modify the Warm Weather option and info messages in the media center.



### Warm Weather

When a pump is running, it generates heat that may increase the water temperature above the temperature set point.

If the set point is above 95°F and the water goes 3°F above the set temperature, the Warm Weather option, if enabled (ON), will reduce the filtering to 2 x 2 hours per day.

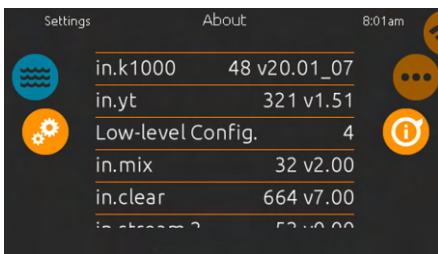


### Info Messages

Press display/hide key to modify message display: If hide option is selected, smart winter mode message will only appear when a SWM purge is in action. Otherwise the message will always appear when the spa is in a SWM condition.

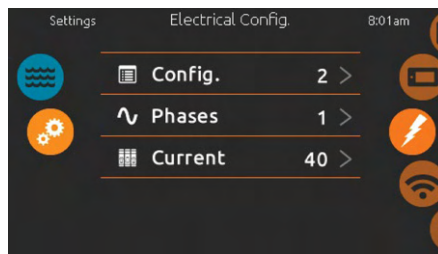
If hide option is selected, heating suspended and filtering suspended messages will not appear.

## About Your Hot Tub System



### About

To get info about your hot tub system, slide the right wheel until the about icon is highlighted in the middle. Information about the ET-1000 software number and the revision numbers of the components of your system will be displayed.



### Electrical Configuration

**PLEASE DO NOT MAKE CHANGES IN THIS SECTION UNLESS YOU ARE A QUALIFIED ELECTRICIAN.**

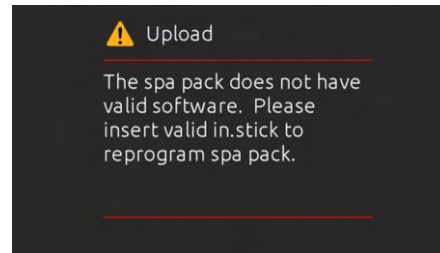
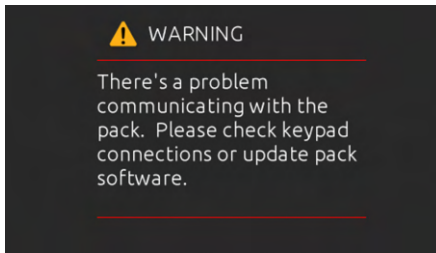


### Too Much Water on Display

This message appears when too much water is detected on the touch screen. Simply wipe away excess water.

## Installation Error Messages

Upon connecting the ET-1000 to your spa system, you may see one of two error messages. Please follow the instructions in the message or contact your dealer or contact Beachcomber Technical Support at 1-800-663-6557 (press 4 for tech support)



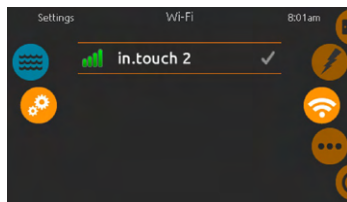
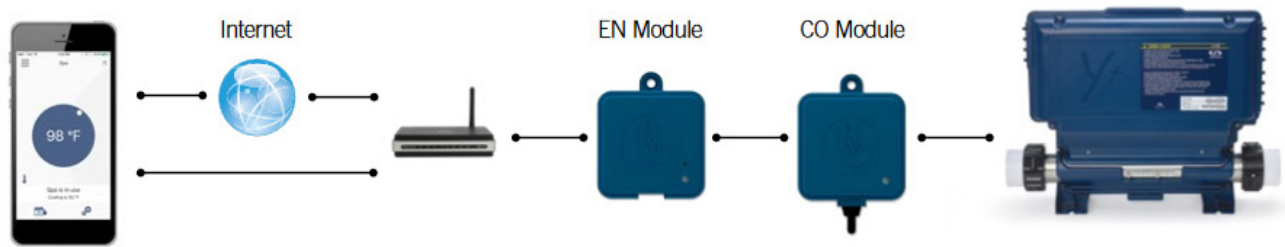
## Diagnostic Error Display Messages

Please follow the instructions in the message or contact your dealer or contact Beachcomber Technical Support at 1-800-663-6557 (press 4 for tech support)

Code	Displayed Error Message
HL	WARNING! DO NOT ENTER SPA - High Limit circuit has tripped
FLO - L01 FLO - L02 FLO	FLO condition - Check filter, pump, blockage, air lock and water level
NO FLO	Persistent NO FLO, all off - Check filter, pump, blockage, air lock and water level
HR	DANGER! DO NOT ENTER SPA - Hardware error detected (relay stuck)
OH	WARNING! DO NOT ENTER SPA - Spa temperature is too high
Prr	WARNING! DO NOT ENTER SPA - Temp probes/detect. circuit defect.
AOH	ERROR - Elevated internal temperature
Hr	DANGER! DO NOT ENTER SPA - Hardware error detected (thermal fuse)
UPL	The spa pack does not have valid software. Please insert valid in.stick to reprogram spa pack

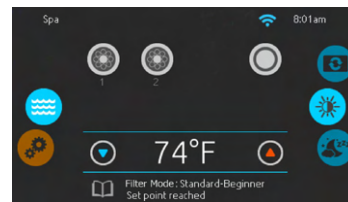
## Wi-Fi

Note: This function is available only if a BIC-e in.touch 2 spa transmitter (CO module) is connected to the hot tub's management system (as shown) and a BIC-e in.touch 2 home transmitter (EN module) is connected to your home router (as shown below). See Quick Start Guide & "how to" links below.




### Wi-Fi (in.touch 2)

When an in.touch 2 is detected, this network will appear (in.k1000+ version 13 and older). See in.touch 2 Quick Start Guide below.



### Wi-Fi (in.touch 2)

When an in.touch 2 is detected, the  icon will appear (in.k1000 version 13 and newer). See in.touch 2 Quick Start Guide below.

## BIC-e in.touch 2 Home - Quick Start Guide



## Troubleshooting BIC-e in.touch 2

Blinking LED		Solid LED
<p><b>Modules may be Out of Range</b></p> <p>Simply connect in.touch 2-home outside close to the hot tub (via an extension cord for power). Router connection not needed for this test. If modules stop blinking, moving them closer to each other is the only solution.</p>	<p><b>Modules may be Unpaired</b></p> <p>If the previous test did not work, proceed to pairing according to instructions in the Pairing section of the BIC-e in.touch 2 Techbook.</p>	<p><b>Green Colour</b></p> <p>Port 10022 may be closed on your router. If port 10022 is open, some other configuration may be blocking access to Internet. The application will still be able to connect to your spa on your local network. Server may be temporarily «off-line» for servicing/maintenance. Try again later.</p>

## in.touch 2 “How-to” Videos:



### **in.touch 2 - Home Installation**

<http://bit.ly/2UbY5Ohtest-InTouch2-HomeInstallation>



### **in.touch 2 - How to Create an Account**

<http://bit.ly/2uK6Rne-InTouch2-CreateAccount>



### **in.touch 2 - Select your Spa**

<http://bit.ly/2UrwAz7-InTouch2-SelectYourSpa>



For additional Setting up or Troubleshooting information, refer to: BIC-e in.touch 2 Techbook  
[www.beachcomberhottubs.com/owners/manuals-and-guides](http://www.beachcomberhottubs.com/owners/manuals-and-guides)



A digital version of this ET-1000 Reference Guide is available at:  
[www.beachcomberhottubs.com/owners/manuals-and-guides](http://www.beachcomberhottubs.com/owners/manuals-and-guides)



## ET-1000 Voice Control



“Alexa / Hey Google... ask my spa control...”

### **It is now possible to control your hot tub using your voice! The only requirements to do so are as follows:**

- You need an in.touch2 device connected to your hot tub (with a working connection to the Internet, via your home router); You also need either an Amazon Alexa device (or app) or a Google Assistant device (or app.)
- Simply search for the Alexa Skill or Google Action named “My spa control”, connect to your in.touch 2 account by clicking the “Link your account” button and choose the hot tub you want to control with your assistant of choice.

### **Invocation**

In order to control your spa, you must invoke it the correct way using a specific invocation name. As per the guidelines published by Amazon (for Alexa) and Google (for Assistant) here’s how you should invoke the Skill (or Action):

#### **Amazon Alexa**

“Alexa, ask my spa control...” followed by a supported command.

#### **Google Assistant**

“Hey Google, ask my spa control...” and wait for a Google Action session to start and then say a supported command; Alternatively, “OK Google, ask my spa control...” immediately followed by a supported command.

## Supported Commands

### Fetching status information about your spa

- “What is my intouch connection state?”
- “What is the water temperature?”
- “What is the set point?”
- “What is the current Filter

### Questions on spa control system errors

- “What is the **f l c** code?”
- “What is the **u p l** code?”
- “What is the **o h** code?”
- “What is the **h r** code?”
- “What is the **h l** code?”
- “What is the **f l o** code?”
- “What is the **c o m m** code?”
- “What is the **a o h** code?”
- “What is the **c f l o** code?”
- “What is the unexpected flow condition message”?
- “What is the spa temperature is too high message”?
- “What is the hardware error detected message”?
- “What is the high limit circuit has tripped message”?
- “What is the no flow condition message”?
- “What is the elevated internal temperature message”?

### Sending action commands to your spa

- “Start my spa.” (i.e. this command turns on all pumps and lights)
- “Stop my spa.” (i.e. this command shuts off all pumps and lights)
- “Turn on the lights.”
- “Turn off the lights.”
- “Set the Filter mode to ...”, and mention one of the following: Standard, Weekender, Away from Home, Energy saving, or Super Energy Saving.
- “Set the setpoint to x (Fahrenheit/Celsius)”, replacing x by the temperature you wish to set your spa to.

## Try it yourself!

Try it yourself by forming complete commands with the invocation! Remember, you need to speak clearly, especially when pronouncing letters for the error messages (see bold in list above.)

### Alexa

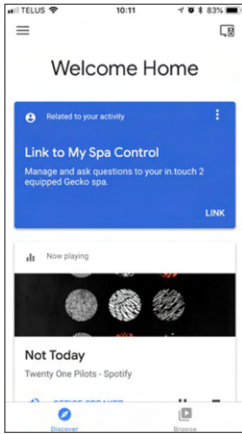
- “Alexa, ask my spa control to turn on the lights.”
- “Alexa, ask my spa control to set the setpoint to 98 Fahrenheit.”

### Google

- “Ok Google, talk to my spa control to ask what is the water temperature.”
- “Ok Google, talk to my spa control to start my spa.”

# How to set up a Google Home device for your hot tub

This help file assumes that the Google Home device is already powered up and linked to the client's home WiFi network.

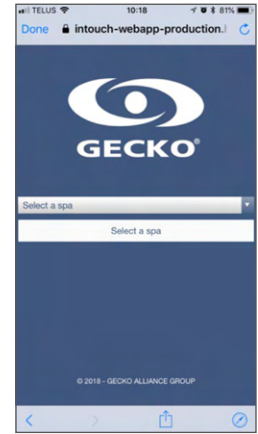


The first step is simply to try and talk to the service My Spa Control by saying « Hey Google, talk to my spa control ». It will recognize the service and ask you to link it via the Google Home app.

Tap on LINK, under the My Spa Control service, in the Google Home app to proceed.



The app will then prompt the login page of the in.touch 2 app. You need to enter the credentials of your in.touch 2 account in order to link the skill to your spa. Note that only one spa can be linked at a time. If you have more than one spa, you will need to alternate between spas by disabling the skill and re-enabling/linking it to one of the other spas.

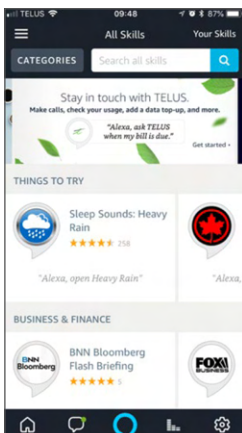


You will be prompted to select a spa if you have more than one associated to your account, otherwise Google Home will proceed to link the service to your spa immediately.

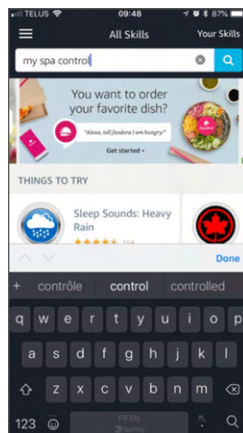
Once this is done, you will be able to test the skill with your Google Home device and everything should work fine. If it doesn't work, make sure all the steps above were followed and the correct account/service/spa were used/selected. If all was done according to the guidelines above, unlink the service and try linking it again.

# How to set up Amazon Alexa for your hot tub

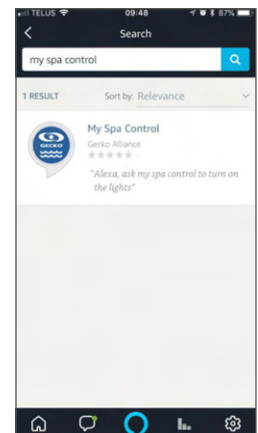
This help file assumes that the Alexa device is already powered up, linked to your home WiFi network and to your Amazon Alexa account. Note that Alexa skills are now only available to Amazon accounts set in English.



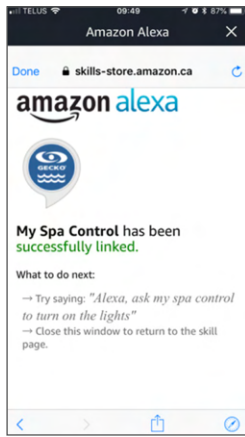
The first step is to open the Amazon Alexa app and go to Skills & Games using the top left menu.



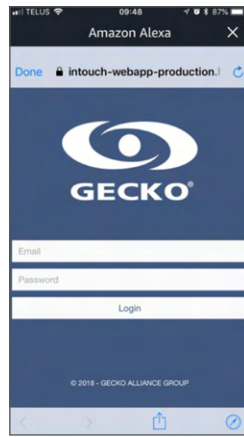
Then type the skill name in the search bar (My Spa Control).



Gecko Alliance's My Spa Control skill will be displayed. You just need to select it.



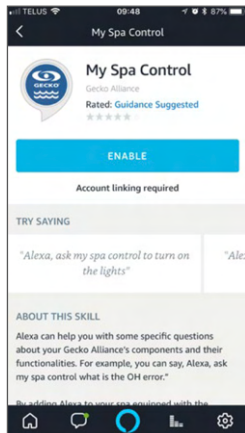
Next step is to enable the skill by tapping on the Enable button.



The app will then prompt the login page of the in.touch 2 app. You need to enter the credentials of your in.touch 2 account in order to link the skill to your spa. Note that **only one spa** can be linked at a time. If you have more than one spa, you will need to alternate between spas by disabling the skill and re-enabling/linking it to one of the other spas.



You will be prompted to select a spa if you have more than one spa associated to your account, otherwise Alexa will proceed to link the skill to your spa immediately.



After you get to the successfully linked page, you will be able to test the skill with your Alexa device and everything should work fine. If it doesn't work, make sure all the steps above were followed and the correct account/skill/spa were used/selected. If all was done according to the guidelines above, disable the skill and try linking it again.



## Operation of Hot Tub Features



**FLEXJET™ Inserts**

### FLEXJET™ Inserts

The jets in a Beachcomber Hot Tub are known as FLEXJET™ and are available in four sizes; small, medium, large and extra large. They are interchangeable within the same sizes. Simply turn them counter-clockwise to unscrew. To reinstall, turn the jet insert clockwise to screw them back in. The jets can also be individually turned off or on by turning the jet face. Turning it clockwise will turn off the water flow and counter-clockwise turns on the water flow. To turn on the neck jet, twist the jet face counter-clockwise; to turn off, twist it clockwise. If this jet does not turn off, contact your local dealer for more information.



**RFM Diverter Valve**

### Reflex Foot Massage™ (RFM) Diverter Valve

This top side valve diverts water flow between either the RFM foot jets or the seat jets. On 700 series hot tubs it diverts water flow from massage 2 pump between the RFM foot jets or the seat jets on the left side of the hot tub. NOTE: Always turn the pump to low speed or off before attempting to turn the RFM Diverter Valve. Failure to do this could cause the handle to break due to the high velocity of water moving through the valve. NOTE: When the hot tub is not being used, the diverter valve handle must be left in the center position. This ensures that water in both zones is always in circulation during periods of non use.



**Air Control Valves**

### Air Control Valves

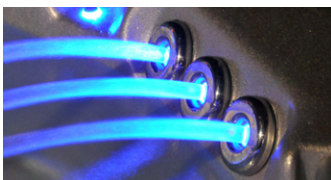
There are two air control valves located on either side of the touch pad, as shown. These air controls improve the massage experience in your hot tub by adding more turbulence to the water flow. To turn on the air, turn the knob counter-clockwise. On all models, more air is drawn in when the jet pump is on high speed than when the pump is on low speed. On 300, and 500 series hot tubs, the left air control services all the seat jets. If equipped with the Reflex Foot Massage™ (RFM) option, the right air control services the RFM jets (or footwell jets on non-RFM equipped models) when the water flow is diverted to them, and the left air control services all the seat jets. On 700 series hot tubs, the left air control allows air flow to jets running off Massage Pump 1. The right air control allows air flow to jets running off Massage Pump 2. The right air control would also allow air flow to the RFM jets if the diverter valve is diverting water flow from Massage Pump 2 to the RFM jets.



**QSS System**

### Quintessential Surround Sound (QSS) System

To operate the Quintessential Surround Sound System, press the on button on the Touch pad on skirt console or the on button on the skimmer lid console. To pair with your device, press the mode button to put into pairing mode. For the cabinet console system the code is 6000. For the skimmer lid system the code is 5555. See the inserted operation guide in this manual for detailed instructions.



**Roman Arch™ Waterfall**

### Roman Arch™ Waterfall

Hot tubs equipped with the optional Roman Arch™ Waterfall feature shown at left, will have a topside control valve to increase or decrease the water flow to the Waterfall. The Waterfall feature receives its flow from the Hush Pump System™. If your hot tub is equipped with the Eclipse™ Lighting Feature, the Waterfall will also be backlit. NOTE: The control valve must be partially left open when the hot tub is not in use. If the water is not operating at normal flow, remove the front covers by turning them clockwise a 1/4 turn, remove the internal nozzle and rinse off debris.



**Blade Waterfall**

### Blade Waterfall

Hot tubs equipped with the optional Roman Arch™ Waterfall feature shown at left, will have a topside control valve to increase or decrease the water flow to the Waterfall. The Waterfall feature receives its flow from the Hush Pump System™. If your hot tub is equipped with the Eclipse™ Lighting Feature, the Waterfall will also be backlit. NOTE: The control valve must be partially left open when the hot tub is not in use. If the water is not operating at normal flow, remove the front covers by turning them clockwise a 1/4 turn, remove the internal nozzle and rinse off debris. If water flow is not normal, remove front cover to access inside screen and rinse off debris.



**Turbo**

### **Turbo**

The optional (only at time of order) Turbo increases the amount of air turbulence that comes out of the jets. It enhances massage pressure, turbulence and water action. With the Turbo activated and air controls closed, air from the Turbo will come out of the 4 relief jets found in the foot well of the hot tub.



**Ozone**

### **Ozone**

Your hot tub may be factory equipped with an optional Ozonator unit, or factory pre-plumbed to accept the installation of an Ozonator. Ozonators produce a O<sub>3</sub> ozone gas, and injects it into the hot tub water to oxidize organic contaminants in the water and improve water clarity. Please note: an Ozonator is not designed to replace your main sanitizer or disinfectant system. The Ozonator is equipped with a small viewing window. When ozone gas is produced, a purple glow will appear with a green indicator light on the front to indicate the unit is on. The life expectancy of the AGP Ozonator is 3 to 5 years depending on whether it is running 24/7 with HYBRID4<sup>®</sup> or on filter cycles with LEEP<sup>™</sup> no Hush Pump System<sup>™</sup>.

## **WARNING**

NO USER SERVICEABLE PARTS. DO NOT ATTEMPT TO SERVICE AN OZONATOR OR ANY OTHER PART OF YOUR BEACHCOMBER HOT TUB EQUIPMENT PAK. CONTACT YOUR LOCAL STORE FOR SERVICE AND/OR REPLACEMENT. THE USE OF AN OZONATOR IS NOT A REPLACEMENT FOR A WATER SANITIZING PROGRAM. FAILURE TO PROPERLY SANITIZE HOT TUB WATER CAN CAUSE IRRITATION AND/OR DISEASE.



**Hush Pump System<sup>™</sup>**

### **Hush Pump System<sup>™</sup>**

The Hush Pump System<sup>™</sup> is a very quiet, low energy consumption, high flow circulation and filtration pump that looks after the filter and heating functions of your hot tub. It comes set from the factory to operate 24 hours a day.



**Whirlpool Jet**

### **320 Whirlpool Diverter Jet**

The 5" Grey Whirlpool jet has two settings. In one position all water flow from the pump will come out of only that jet. In the other position all the water flow will come out of the seat jets. When turning the jet from one position to the other make sure the pump is on low speed or in Stand By.



**Everlite™ LED Lighting**

### **Everlite™**

All Beachcomber Hot Tubs come standard with a digital Everlite™ LED light. Your local Beachcomber store is best equipped to replace when required. Drain the hot tub and locate the lens removal tool included with the hot tub. Carefully unscrew the light lens. Carefully pull out the light unit and replace with a new one, available from your local Beachcomber store. Screw the lens back in until tight, but do not over tighten.

## **Everlite™ 4 Operating Instructions**

1. **Beachcomber Mode: The light will sequence from Red, to Green, to Blue continuously.**  
Press the light button once to start the 'Beachcomber Mode'. The light will stay on each solid color for three seconds. The color will blend with the next color for four seconds before the next color becomes a solid. To turn off, press the button once.\*
2. **Freeze Mode: As it cycles through the 'Beachcomber Mode', the light can be frozen on any solid or blended color.**  
Choose a color, and then touch the button twice (off, then on) within four seconds to switch to 'Freeze Mode'. To turn off, press the button once.
3. **Pulse Mode: This is a random cycling mode, which imitates the soothing rhythm of a heartbeat.**  
When in the 'Freeze Mode', touch the button twice (off, then on) within four seconds to switch to 'Pulse Mode'. To turn off, press the button once.
4. **White Mode: This mode recreates natural white light.**  
When in the 'Pulse Mode', touch the button twice (off, then on) within four seconds to switch to 'White Mode'. To turn off, press the button once.

**\*Note: If the light is left off for more than 10 seconds, it will revert back to 'Beachcomber Mode' when switched back on.**

## **Everlite™ 6 Operating Instructions**

1. **Beachcomber Mode A: The light will sequence from Red, to Green, to Blue continuously.**  
Press the light button once to start the 'Beachcomber Mode A'. The light will stay on each solid color for three seconds. The color will blend with the next color for four seconds before the next color becomes a solid. To turn off, press the button once.\*
2. **Freeze Mode: As it cycles through the 'Beachcomber Mode A', the light can be frozen on any solid or blended color.**  
Choose a color, and then touch the button twice (off, then on) within four seconds to switch to 'Freeze Mode'. To turn off, press button once.
3. **Pulse Mode: This is a random cycling mode, which imitates the soothing rhythm of a heartbeat.**  
When in the 'Freeze Mode', touch the button twice (off, then on) within four seconds to switch to 'Pulse Mode'. To turn off, press button once.
4. **White Mode: This mode recreates natural white light.**  
When in the 'Pulse Mode', touch the button twice (off, then on) within four seconds to switch to 'White Mode'. To turn off, press the button once.
5. **Beachcomber Mode B: All lights above waterline are turned on, while all underwater lights are off.**  
When in the 'White Mode', touch the button twice (off, then on) within four seconds to switch to 'Beachcomber Mode B'. To turn off, press the button once.
6. **Beachcomber Mode C: All the lights below the waterline are turned on, while all the lights above the water line are off.**  
When in the 'Beachcomber Mode B', touch the button twice (off, then on) within four seconds to switch to 'Beachcomber Mode C'. To turn off, press the button once.

**\*Note: If the light is left off for more than 10 seconds, it will revert back to 'Beachcomber Mode A' when switched back on.**



## Beachcomber Hot Tub Accessories



### Robes

Beachcomber's classic midweight terry cloth robes are one of life's sweetest and most practical luxuries. The mid-length helps dry you off faster and the thick Turkish weave with deep pockets will keep you warm and cozy long after your hot tub soak or shower.



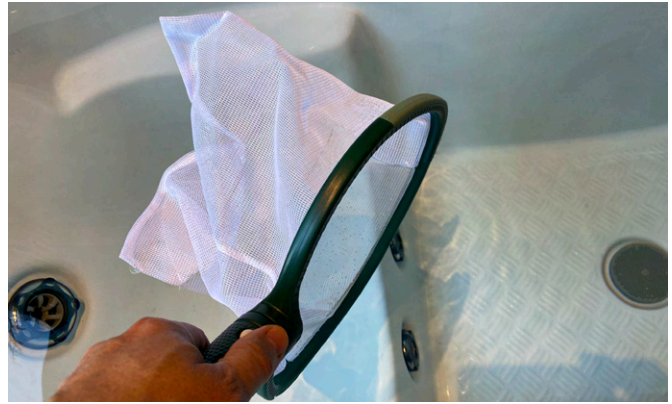
### Towels

White Embroidered Towels. Classic midweight terry cloth with thick Turkish weave.



### Beach Towels

Beachcomber Towels made with 900g cotton velvet pile for luxurious comfort.



### Hot Tub Scoop

Ideal for removing floating debris in hot tubs with a unique circular design to suit hot tub contours and made with UV stabilized materials to withstand outdoor use.



### Hot Tub Vac

The simple action of placing the vac in the water creates suction that draws in water and debris from the hot tub as you push the button at the top of the handle. This all-in-one tool also has a flip-down skimmer net and brush attachment.



### Hot Tub Brush

Cleans hot tub interior quickly. Ideal for use in all hot tubs. Has a unique contoured design that gets into corners and UV stabilized material for longevity.



**Disc Dispenser**

This is the Beachcomber's Floating Disc Dispenser, for use with Bromo or Chlor Water Care Programs.



**Hydro Mop**

Beachcomber's Hydro Mop enhances water clarity by absorbing oils from the water surface.



**Fresh Fill**

The Fresh Fill hot tub pre-filter easily connects to your garden hose and works with all hot tubs. The Fresh Fill utilizes food grade activated carbon and proprietary filtration media for the removal of metals, volatile organic compounds and suspended solids before they reach your hot tub.



**Signature Scentsations**

Hot tub fragrances that enhances the hot tub soaking experience with pleasing natural fragrances. These botanical water essences are derived from natural sources, they are pH neutral, and do not affect water balance.



**LEEP™ Step**

Beachcomber's Leep™ Step is a great way to make it easy to climb into your Beachcomber Hot Tub.



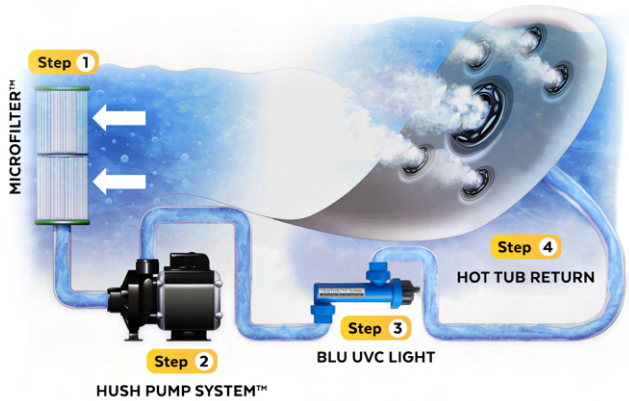
**Beachcomber Plus Bluetooth® Speaker**

This waterproof, 6 watt output speaker, boasts digital signal processor for enhanced Bluetooth® connection for better sound.



# CLEARTECH BLU™ Operating Instructions

Your Beachcomber Hot Tub may be CLEARTECH BLU™ Ready, meaning a CLEARTECH BLU™ UVC Sterilization System can easily be installed. The CLEARTECH BLU™ UVC Sterilization System harnesses the cleansing power of the sun by utilizing the same powerful UVC technology found in water treatment plants and hospitals to sterilize 99.9% of the viruses and bacteria in your hot tub water, leaving you with clean, beautiful, and healthy water.



## CLEARTECH BLU Operating and Maintenance Instructions

The Ballast LED Indicator (B) will turn **green** if the UVC lamp is lit and operating normally.

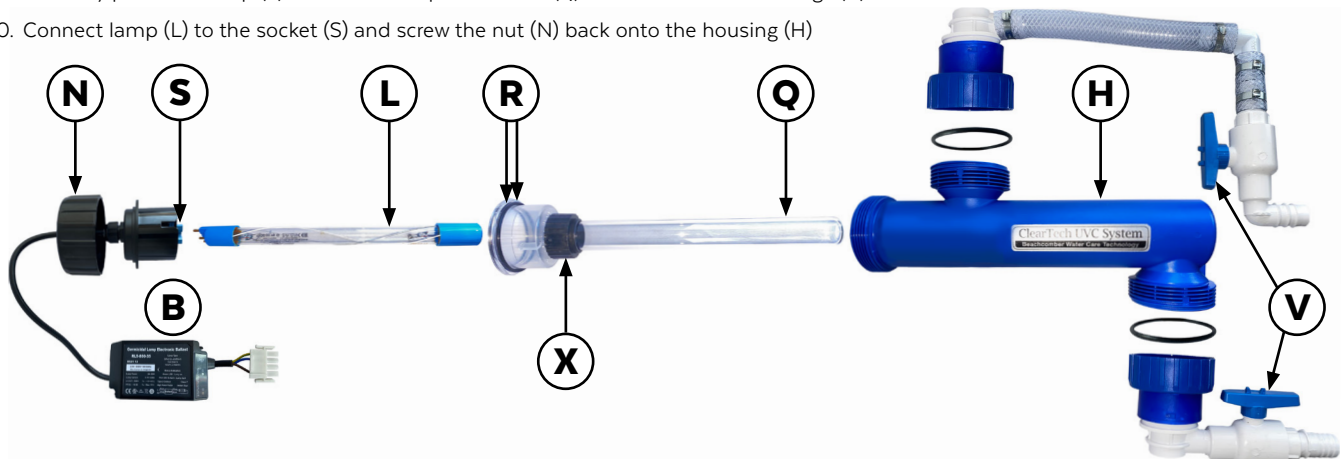
The Ballast LED (B) will turn **red** if the UVC lamp is loose or burned out and requires tightening or replacing.

**⚠ NOTE:** There may also be a lamp error indication (red light) on if the correct order of mounting is not followed. In this case, the ballast is first supplied with voltage and then the safety switch is activated. This occurs when the lamp base is inserted into the quartz glass of the reactor.

Always ensure that the unit is fully assembled before turning on the UV unit.

The lamp is rated at 15,000 hours and will need replacement after approximately 12-16 months.

1. Disconnect hot tub power supply at the local GFCI or breaker panel.
2. Turn off both valves (V) by turning perpendicular to pipe.
3. Unscrew the nut (N) and cautiously remove the lamp (L) from the socket (S)
4. Wearing protective glasses and gloves delicately remove the quartz sleeve (Q)
5. **Do not try to twist or turn the black quartz sleeve connection nut (X)**
6. If scale has developed on quartz sleeve (Q), lower into a container of **FILTER CURE**, rinse with water, and dry with soft cloth.
7. If housing (H) is dirty it can be cleaned with a soft brush or cloth.
8. Delicately place quartz sleeve (Q) back into housing (H). Never force.
9. Carefully place the lamp (L) back into the quartz sleeve (Q) and fit sleeve with o-rings (R).
10. Connect lamp (L) to the socket (S) and screw the nut (N) back onto the housing (H)



**WARNING:** DO NOT VIEW THE UVC LAMP IN OPERATION. UV RAYS CAN CAUSE IRRITATION AND/OR BLINDNESS. THE USE OF A CLEARTECH BLU™ UVC UNIT IS NOT A REPLACEMENT FOR A WATER SANITIZING PROGRAM. FAILURE TO PROPERLY SANITIZE HOT TUB WATER CAN CAUSE SKIN OR LUNG IRRITATION AND/OR DISEASE.

# Hot Tub Water Care and Maintenance

## Recommended Parameters & Levels

Parameter Range	Recommended Level
<b>Free Chlorine (Cl)</b>	3 - 5 ppm
<b>Bromine (Br)</b>	3 - 5 ppm (Canada) / 4 - 6 ppm (USA)
<b>pH</b>	7.2 - 7.8
<b>Total Alkalinity (TA)</b>	100 - 120 ppm
<b>Calcium Hardness (CH)</b>	150 - 200 ppm
<b>Total Dissolved Solids (TDS)</b>	1500 ppm over initial level

## Effects of Unbalanced Sanitizer (Cl or Br)

Low Sanitizer (0 - 1)
Cloudy
Slimy
Odourous
Damage to patios, railings, concrete

High Sanitizer (10+)
Clear
Clean
Chemical Smell
Bleaching of bathing suits

## Effects of Unbalanced Total Alkalinity (TA)

Low Total Alkalinity
Corrosive Water
pH Bounce
Greenish water

High Total Alkalinity
Scaling Water
pH drifts up
Cloudy water

- Total Alkalinity is the measure of the ability of water to resist or “buffer” changes in pH. Highly unbalanced water condition will cause damage to heater elements, light rings, stainless steel fittings, dials, HEATSHIELD™ and pump components.

## Care Free Hot Tub Water Care System

- CARE FREE** is a 4-in-1 weekly water care system that replaces traditional water conditioners such as sequestering agents, oxidizers, biofilm disruptors and clarifiers. It is designed to use in conjunction with the CARE FREE BOOST™ sanitizer.
- CARE FREE BOOST™** is a chlorine based sanitizer that controls the growth of bacteria and algae in hot tub waters and when paired with CARE FREE form the industry’s gold standard in water care systems. Add after each use or weekly as required.
- SOFT** is a universal water enhancer that creates soothing comfortable water, improves water quality, and helps stabilize pH levels. Soft is blended from natural occurring borate salts and is an excellent skin moisturizer, especially for those who suffer from dry skin conditions. Add before each use or weekly as desired.



## Effects of Unbalanced pH

Low pH (Acidic - below 7.2)
Corrosive Water
Pitting of heater and pump components
Metals dissolve
Skin/eye irritation
Damage to patios, railings, concrete

High pH (Basic - above 7.8)
Scaling Water
Cloudy water
Sanitizer inefficiency
Skin/eye irritation
Reduced circulation

- Acidic water can cause pitting of the heater components and damage the equipment.
- Basic water forces the calcium dissolved in the water out of solution, causing cloudy water and scaling.
- The pH also has a dramatic effect on the sanitizer effectiveness in the water. A high pH level results in greatly reduced sanitizer effectiveness, especially in chlorine systems.
- Factors that contribute to pH change in a hot tub are: addition of fresh water, rain, bather use/sweat, detergent and oils from bathers, dust, biofilm, leaves and environmental debris, improper testing, drop in alkalinity, carry-out or splash-out, evaporation, chemicals.

## Effects of Unbalanced Calcium Hardness (CH)

Low Calcium Hardness
Aggressive water
Foam
Etching of plaster or concrete
Odour
Etching to patio, concrete, spa equipment

High Calcium Hardness
Scaling Water
Cloudy Water
Plugged filters
Reduced circulation
Lowered heater efficiency

- Calcium Hardness is a measure of the amount of calcium present in the water.
- Water that contains high levels of calcium and magnesium salts is called hard water. "Calcium Carbonate" scale may be present in hard water, in the form of white residue on massage inserts, heaters, filters and hot tub controls. If left for longer periods, calcium scale can become hardened and impossible to remove. Due to increased aeration and agitation, calcium deficient water will cause foaming in hot tub water. **Hard water can significantly impair the heating ability of the hot tub heater element and cause increased costs to keep the hot tub to temperature.**
- Water that contains little or no calcium/magnesium is called soft water. Soft Water feels "slippery", and is aggressive and damaging to concrete areas surrounding the hot tub.

## MICROFILTER™ Care and Maintenance

- Remove once per week and rinse with water.
- Once per month, MICROFILTER™ should be cleaned, alternating monthly between FILTER CURE and FILTER PURE, soaking it for 12-18 hours.
- Rinse MICROFILTER™ very well to prevent any residual filter cleaning product entering the hot tub water.
- Always have two MICROFILTER™, one in hot tub and one clean and ready to be installed.
- Advantages of a clean MICROFILTER™ include: clean water, better circulation, lower sanitizer, overall better performance.



## Metals and Minerals

Metal	Stain Color	Water Color
<b>Copper</b>	blue-green to black stain	blue-green or black
<b>Iron</b>	yellowish, red-brown	yellow-brown
<b>Manganese</b>	grey to black stain, violet	coffee-brown

- Dissolved metals have the ability to stain surfaces and discolor water if not properly controlled.
- **Total Dissolved Solids (TDS)** is a measure of accumulated dissolved materials in solution (not suspended particles) in hot tub water.
- As more water care products are added, especially granulars, the TDS level will climb.
- When TDS level reaches 1500 ppm over start up TDS, it may cause clouding, odour, listless water and chemical inefficiency.
- Contributors to TDS levels include: hair, evaporation, sweat and skin particles, lint, fecal matter, environmental debris (leaves, pine needles, dirt etc.), dust, pollen, expectorant (spit), lotions, nasal discharge, cyanuric acid (from stabilized chlorines such as Chlor Blast and Care Free Boost), oils, urine, inert solids from granular products.

## Common Water Care Issues

Symptom	Diagnosis
<b>Cloudy Water</b>	Factors that affect water to be cloudy: High TDS Level, Lack of Sanitizer, High/Low pH, Poor Filtration, Plugged Holiday tender.
<b>Coloured Water</b>	Factors that affects coloured water: Well water, Copper from equipment and pipes that dissolve into water due to improper water balance.
<b>Skin Irritations</b>	Factors that may cause skin irritation: Improper TA & pH balance, Chloramines, NO Sanitizer level, extended bathing sessions, High TDS level.
<b>Foam</b>	Factors that may cause foaming: Low calcium hardness, high TDS.
<b>Odour</b>	Factors that may cause odour: Alkalinity/pH level, Low TA and/or Sanitizer.
<b>Scaling</b>	Caused by high pH level.
<b>Scum Lines</b>	Caused by combination of: High TDS, low sanitizer levels, dry filters, plugged or nonfunctional floating dispensers or holiday tenders.
<b>Biofilm (White Algae)</b>	Nature's way to provide bacteria with a suitable coating in which to proliferate and survive even in a harsh environment.

- **Please contact your nearest Beachcomber Hot Tubs Store for free water testing and more information.**

## HEATSHIELD™ Care and Maintenance

**UL Certified according to the ASTM F1346-91 standards for Hot Tub safety covers.**

- Never allow children or pets to sit, play or stand on top of the hot tub cover.
- Please use the handle when lifting the HEATSHIELD™.
- Use COVER CARE as part of your regular hot tub maintenance on the hot tub cover as conditioner to protect from sun's damaging rays.

**NOTE:** Use PUREZYME™ to eliminate organic odours and scum that can occur on the underside of the hot tub cover.

**CAUTION:** The hot tub HEATSHIELD™ cover is strong enough to withstand up to 2 feet of snow. It is not designed to support the weight of children, pets or adults. This extra weight will break the foam inners and lead to premature failure of the HEATSHIELD™ which is not covered under the Beachcomber Guarantee.



## Draining your Beachcomber Hot Tub

Change three to four times a year or more if bather load is high. To calculate the change frequency, use the following formula:

**# Days = 1/3 (Volume in US Gallons) ÷ Max # of daily bathers**

1. Turn power off at the G.F.C.I. breaker or power disconnect switch (do not use the standby feature).
2. Locate the black drain/fill valve, found inside behind the door on a Portable LEEP™ model or under the step on the HYBRID4® Edition. Remove the safety cap from the fitting threaded into the valve.
3. Attach the female end of your garden hose and place the other end at a level lower than the drain/fill valve to ensure complete draining. To open, turn the outer part of the drain/fill valve counter clockwise to open and start the draining.
4. Draining time will vary from model to model.
5. Once the hot tub is drained and empty, disconnect the garden hose and close the valve if you are not going to fill the hot tub through the valve. If you want to fill through this valve, unscrew the threaded adapter and thread in the male end of a garden hose, then attach the female end to your tap and refill.

## Vacation Instructions

**If you are leaving your hot tub full and running while on vacation for 3-5 days, do the following:**

1. Check and adjust TA level if necessary.
2. Shock-treat the water to raise the sanitizer level. Leave the hot tub HEATSHIELD™ half open for 1 hour.
3. Lock your HEATSHIELD™ on the hot tub to maintain a safe environment for pets or children. If you are in a high wind area, install Hurricane Straps (available from your local Beachcomber store) to secure the HEATSHIELD™ to your hot tub.

**Upon returning do the following:**

1. Check pH and sanitizer level and adjust if necessary.

**If leaving for 5-14 days and no one can come by to maintain the hot tub, do the following:**

1. Put heater in Sleep Mode. Sanitizers may last longer in cooler water.
2. Check and adjust pH and Total Alkalinity level if necessary.
3. Use either a Beachcomber floating tablet dispenser or a Holiday Tender tablet dispenser to automatically dispense either Bromine Disc or MiniDisc in your hot tub water to maintain water disinfection. Use the low setting on these devices as the demand for disinfectant will be low during this time.
4. Lock the HEATSHIELD™ and attach a Hurricane Strap in high wind areas. Upon returning, put heater back into Standard Mode.

### WARNING

ENSURE AN UNATTENDED HOT TUB HAS A SECURED AND LOCKED HEATSHIELD™ COVER TO PREVENT UNWANTED ENTRY. BEACHCOMBER HOT TUBS IS NOT RESPONSIBLE FOR DAMAGE CAUSED TO PROPERTY OR PERSON BY HOT TUBS THAT ARE LEFT UNATTENDED FOR PERIODS OF TIME.

### WARNING

BEACHCOMBER HOT TUBS IS NOT RESPONSIBLE FOR NEGLECT DURING FREEZING TEMPERATURES, WHICH IS BEYOND THE CONTROL OF ANY MANUFACTURER. IF POWER IS OUT DURING FREEZING TEMPERATURES, YOU MUST TAKE ACTION TO PROTECT YOUR HOT TUB AND ITS EQUIPMENT, JUST AS YOU WOULD WITH YOUR VEHICLE, OR YOUR HOME AND PROPERTY.

## Winter Operation Information

All Beachcomber Hot Tubs have built in freeze protection for their equipment. If your hot tub is not Hush Pump System™ equipped, the freeze protection will activate the pump(s) on low speed for approximately 2 minutes if a temperature of 44° F / 7° C or below is detected at the heater housing. If your hot tub is Hush Pump System™ equipped, the only time freeze protection will activate is if the hot tub is left in standby mode long enough to allow water at the heater to reach 44° F / 7° C or if your hot tub is filled with water that is 44° F / 7° C or lower. There is also a small water line that runs from pump to pump that assists in protecting against freezing, by increasing circulation between the pumps.



### Winter Precautions:

If your equipment is not working during freezing temperatures, you should first contact your local Beachcomber store or a local service provider for immediate assistance.

To prevent damage caused by the equipment freezing, place a small space heater or trouble light down by the equipment. Position the heater or light so that it does not melt or come in contact with plastic parts, to avoid equipment damage. You can also block off the step or door vent to keep in the heat during this time, but it must be removed once the freezing weather is no longer present.

### Extended Power Outages:

In most communities, power is restored relatively quickly. But in the event of a prolonged power outage, first shut off the power at the main panel. Close the knife valves to keep the hot water in the hot tub, and remove the drain plugs or pull out one of the small braided hoses on the front of the pumps to drain all the water from the external plumbing lines and the pumps. When power is out, check your hot tub each day to monitor its condition. **DO NOT ALLOW FREEZING TO TAKE PLACE.** Beachcomber Hot Tubs is not responsible for damage caused to hot tubs that are left without power in prolonged freezing conditions.

BEACHCOMBER IS NOT RESPONSIBLE FOR DAMAGE TO PERSONS OR PROPERTY FOR EQUIPMENT PAK REMOVAL. CONTACT YOUR LOCAL BEACHCOMBER STORE OR SERVICE PROVIDER FOR INFORMATION.

## Winter Shutdown Procedures

If leaving for a long period of time in severely cold weather and no one can come by to maintain the hot tub, do the following:

1. Drain the hot tub as outlined in this Owner's Guide.
2. Using a wet dry vac, blow out all return lines from jet pumps and the Heater tube if Hush Pump System™ installed. Then change suction mode to vacuum and remove water from from all pump wet ends and any water in tub including floor drain.
3. If you do not have a Shop Vac then once tub is drained remove a valve assembly between front of pump and tub to access the small braided hose. Squeeze clamp to slide it up hose then pull hose off fitting. On single pump tubs remove the slotted drain plug below the pump intake union. Removing these allows the last bit of water in the bottom half of the pump to drain out.
4. Remove the MICROFILTER™ cartridge and store in a dry place.
5. Lock HEATSHIELD™ and attach Hurricane strapping if in high wind areas.
6. Provide extra support for the HEATSHIELD™ if in extreme heavy snow by placing a 4 x 8 sheet of 3/4" plywood on top of the HEATSHIELD™. Covering the HEATSHIELD™ with a tarp will help protect it from snow and ice that could build up.

BEACHCOMBER HOT TUBS IS NOT RESPONSIBLE FOR DAMAGE TO HOT TUBS THAT ARE LEFT UNATTENDED.

## Troubleshooting Guide

PROBLEM SYMPTOM	MOST LIKELY CAUSE	SOLUTION
<b>G.F.C.I. breaker will not stay on or trips intermittently.</b>	If hot tub is new; the load neutral wire has been inserted on the neutral buss in the panel. Load neutral wire should be inserted into the G.F.C.I. load neutral connection.	Call your Electrician to change location of the load neutral wire.
	Heater element is defective and leaking current to ground.	Call your store for service to replace the heater element.
	G.F.C.I. is worn out or defective. Class A, G.F.C.I. breakers should not trip below 5 milliamps of current leakage.	Call your electrician to replace your G.F.C.I.
<b>Jet pump is surging on high speed.</b>	Water level is too low on hot tubs that use a jet pump for filtering.	Raise water level in hot tub to at least ½ way up the skimmer opening.
	Plug in center of MICROFILTER™ basket is not in place on non Hush Pump System™ equipped hot tub.	Install plug in basket, insert from top of basket.
	RFM jet nozzles are pointed toward the large suction fittings in the foot well.	Redirect nozzles up and away from the large suction fittings. Turn off all air control for RFM jets.
<b>Neck jet does not shut off.</b>	Internal portion of two piece neck jet has been unscrewed by turning too far to the left.	Carefully pry the faceplate off with a flat head screw driver and then thread internal back in. Then pop face plate back on and tighten internal by turning face plate clockwise.
<b>Massage Pump will not run continuously or turn on</b>	All massage pumps are thermally protected from overheating. When the motor gets too hot, the thermal cut-out will activate and the pump won't restart until the motor has cooled.	Wait 30 minutes for motor to cool and restart.

## Hot Tub Specifications and Details

<b>Model</b>	<b>North American Control Panel</b>	<b>Seating Capacity</b>	<b>Seating Configuration</b>	<b>Dimensions</b>	<b>Dry Weight</b>	<b>Filled Weight</b>	<b>Water Capacity</b>	<b>North American Electrical Standards</b>
750	ET-1000	8	7 active seats + 1 cooling seat	89 x 89 x 38" 226 x 226 x 97cm	800 lbs 363 kg	4446 lbs 2017 kg	437 US gallons 1654 litres	240 Volt; 60 Amp 6/3, Wire GFCI Protector Circuit
740	ET-1000	6	5 active seats + 1 lounger, and a cooling bench	89 x 89 x 38" 226 x 226 x 97cm	800 lbs 363 kg	4162 lbs 1888 kg	403 US gallons 1526 litres	240 Volt; 60 Amp 6/3, Wire GFCI Protector Circuit
730	ET-1000	6	4 active seats + 1 lounger + 1 cooling seat	80 x 88 x 38" 203 x 224 x 97cm	675 lbs 306 kg	3470 lbs 1574 kg	335 US gallons 1268 litres	240 Volt; 60 Amp 6/3, Wire GFCI Protector Circuit
720	ET-1000	7	6 active seats + 1 cooling seat	80 x 88 x 38" 203 x 224 x 97cm	675 lbs 306 kg	3695 lbs 1676 kg	362 US gallons 1370 litres	240 Volt; 60 Amp 6/3, Wire GFCI Protector Circuit
710	ET-1000	4	3 active seats + 1 lounger, and a cooling bench	70 x 86 x 38" 178 x 218 x 97cm	700 lbs 318 kg	3037 lbs 1378 kg	280 US gallons 1060 litres	240 Volt; 60 Amp 6/3, Wire GFCI Protector Circuit
590	ET-1000	7	7 active seats, and a cooling bench	89 x 89 x 38" 226 x 226 x 97cm	725 lbs 329 kg	4312 lbs 1956 kg	430 US gallons 1628 litres	240 Volt; 50 Amp 6/3, Wire GFCI Protector Circuit
570	ET-1000	7	6 active seats + 1 cooling seat	80 x 88 x 38" 203 x 224 x 97cm	650 lbs 295 kg	3670 lbs 1665 kg	362 US gallons 1370 litres	240 Volt; 50 Amp 6/3, Wire GFCI Protector Circuit
007	ET-1000S	2	2 seats, and 2 cooling benches	46 x 86 x 30" 117 x 218 x 76cm	386 lbs 175 kgs	1679 lbs 762 kgs	155 US gallons 587 litres	240 Volt; 40 Amp 8/3, Wire GFCI Protector Circuit or 120 Volt; 15 Amp, GFCI Protector Plug in Cord

## HEATSHIELD™ Specifications and Details

The following table specifies HEATSHIELD™ covers that are recommended for use with your Beachcomber Hot Tub to maximize the energy efficiency of your hot tub.

The covers listed below have been tested with each Beachcomber Hot Tub Model for the purposes of Energy Efficiency as stipulated by the California Energy Commission according to test procedures in California Title 20 and ANSI/APSP-14.

BEACHCOMBER HOT TUB MODEL	HEATSHIELD™ COVER MODEL	COVER SIZE
750, 740, 590	97xx898915SF	89" x 89" x 4" 226 x 226 x 10 cm
730, 720, 570	97xx808815SF, 97xx808815OF	80" x 88" x 4" 203 x 224 x 10 cm
710	97xx708615SF, 97xx708615OF	70" x 86" x 4" 178 x 218 x 10 cm
510	97xx577515SF, 97xx577515OF	57" x 75" x 4" 145 x 191 x 10 cm
007	97xx458515SF	45" x 85" x 4" 114 x 216 x 10 cm

'xx' represents colour : SL = Steel TA = Tan

### Find More Information on The Beachcomber Voice

Your Beachcomber Hot Tub purchase is very important to us. We would like to know about your buying experience and your level of satisfaction with us, our Beachcomber store and your new hot tub. Please take a few minutes to log on to our website to take a short questionnaire. Your feedback helps us improve our service to you and gives us valuable insight into your purchase experience.

Log on to our website today.

Thank you for your time!

[www.beachcomberhottubs.com](http://www.beachcomberhottubs.com)

## The Beachcomber Guarantee

We don't hide behind the spa industry standard 'disclaimers'. Beachcomber is and always will be a company built on care for the health, happiness, and well-being of our customers, staff, stores and corporate partners. This is not an abstract ideal, but a very real presence that you should expect to experience in all your dealings with Beachcomber.

We are family owned, and do not answer to distant shareholders. We support our customers and their ongoing satisfaction with the finest quality, and the best value in the most comfortable hot tub, worldwide. Our independently owned stores hold the same integrity, values and care for the Beachcomber Hot Tub owner, as we do. In fact, since 1978 we have looked after our customers and treated them like family.

Guarantee Type	Premium Guarantee	Premium Extended Guarantee
<b>Shell Structure</b> Beachcomber guarantees to the original owner that the Structural Laminated Fibreglass Composition of your hot tub will never leak. If a failure occurs, we will supply the materials and technical labour for the repair.	Life Guarantee (600 Series - 10 years)	Life Guarantee (600 Series - 10 years)
<b>Acuralux™ Acrylic Surface Guarantee</b> Beachcomber guarantees that the hot tub's acrylic finish will be free from defects in materials and workmanship for 5 years from the date of delivery. If a failure occurs, we will supply the materials and technical labour for the repair.	5 years	5 years
<b>Enviroskirt™ Cabinetry Guarantee</b> Beachcomber guarantees that the Enviroskirt™ Cabinetry will be free from defects in materials and workmanship. If a failure occurs, we will supply the materials and technical labour for the repair.	2 years	5 years
<b>No-leak Plumbing Guarantee</b> Beachcomber guarantees against leaks caused by defects in materials and workmanship. This Guarantee covers leaks from internal and external plumbing and light lenses. If a failure occurs, we will supply the materials and technical labour for the repair.	2 years	5 years
<b>Equipment Guarantee</b> Beachcomber guarantees the following factory installed equipment - Management System, Control Panel, Massage Pumps, Hush Pump System™, and motors, will be free from defects in materials and workmanship for the duration of the Guarantee. If a failure occurs materials and technical labour will be supplied for the repair.	2 years	5 years
<b>Smart Sense Heater Guarantee</b> Beachcomber guarantees that the Smart Sense Heater Assembly will be free from defect in materials and workmanship. If a failure occurs, we will supply the materials and technical labour for the repair.	2 years	5 years
<b>Component Guarantee</b> Beachcomber guarantees the following factory installed components - CLEARTECH BLU™, Ozone, Everlite™, Eclipse™, Guiding Light™, Crescent Moon™, and QSS Surround Sound System™, will be free from defects in materials and workmanship for the duration of the Guarantee. If a failure occurs materials and technical labour will be supplied for the repair. *CLEARTECH BLU™ UVC bulbs are covered for 1 year from delivery.	2 years	2 years
<b>Exchange Guarantee</b> Beachcomber guarantees that the factory supplied hot tub HEATSHIELD™ Cover, jetting massage inserts, steps, filter baskets, skimmer lid, and remote controls will be free from defects in materials and workmanship for 2 years from the date of delivery. If a failure occurs, you can exchange the failed component at your local Beachcomber Dealership.	2 years	2 years
<b>Owner Transfer Option</b> The remaining portion within first 24 months of the Beachcomber Protection Guarantee is transferable to a new owner. This can be done once in the lifetime of the guarantee for a small transfer fee. It is the new owner's responsibility to contact a Beachcomber representative to arrange a customer-paid installation inspection of the hot tub to activate the guarantee transfer. The transfer fee, hot tub serial number, and inspection sheet must be received by the Beachcomber Guarantee office within 60 days of ownership transfer to be valid.	2 years	2 years

## Beachcomber Hot Tub Water Care and Maintenance Notes

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## Beachcomber Hot Tub Care and Maintenance Record

DATE	CLEAN MICROFILTER™	SOAK MICROFILTER™	DRAIN AND REFILL HOT TUB	CLEAN HEATSHIELD™ COVER	WATER SAMPLE TO LOCAL STORE



## SIMPLICITY GIVES YOU PEACE OF MIND

Typical limited spa industry warranties protect the manufacturer, not the customer. They are often ambiguous and filled with outright exclusions, limitations and disclaimers in their product. Beachcomber understands that buying a hot tub is a major purchase, and few people understand what can go wrong. We strive to look after our customers, and that is why The Beachcomber Premium Guarantee is designed to protect you, not us. We are proud of the position Beachcomber has taken in looking after our customers before, during, and after they purchase our hot tubs.

The Beachcomber Premium Guarantee is included with all of our hot tubs.

**ALL GUARANTEES MUST BE REGISTERED WITHIN 30 DAYS OF DELIVERY**

# REGISTER YOUR PREMIUM GUARANTEE ONLINE TODAY

**FOR 5-STAR DELIVERIES, ENSURE THAT YOU HAVE THE FOLLOWING 2 THINGS (NOT APPLICABLE TO CURBSIDE DELIVERIES):**

- 1** A completed **BEACHCOMBER HOT TUB SETUP AND INSTALL CHECKLIST** on the opposite page (submitted either via A. Mail, B. Email, C. QR Code Scan to submit digitally, or D. File attachment on the Online Registration Page)
  - 2** A scanned copy or photo of the Sales Invoice.
- ONLINE REGISTRATION PAGE:**  
Register your Guarantee online within 30 days of delivery here  
[www.beachcomberhottubs.com/guarantee-registration](http://www.beachcomberhottubs.com/guarantee-registration)

## EASY GUIDELINES TO ENSURE PERFORMANCE OF GUARANTEE

To receive service from a qualified Beachcomber service representative, your Beachcomber Hot Tub must be registered and you may be asked to provide an original bill of sale. Your Beachcomber Premium Guarantee and if applicable, Premium Extended Guarantee starts from the original date of delivery. You may be assessed a reasonable travel cost for service at your home. It is the hot tub owner's full responsibility to provide unencumbered access to the equipment for service, removal, and/or re-installation of the hot tub for required repairs. If Beachcomber determines that repair of the hot tub is not feasible, we reserve the right to provide a replacement hot tub equal in value to the current fair market value.

In this case the owner is responsible for expenses including removal, shipping and reinstallation of the existing or replacement hot tub. Upon replacement of a hot tub, the Guarantee will cover the remaining portion of the existing Guarantee from the original installation date.

The Guarantee does not cover fading from natural aging and/or damage from excessive chemical use on all hot tub finishes, cabinetry, fixtures, steps and the HEATSHIELD™ Cover, or crazing of the acrylic surface as these are not considered defects in materials and workmanship. Beachcomber Hot Tubs installed for commercial applications are excluded from all Guarantee coverage. The Beachcomber Premium Guarantee and Premium Extended Guarantee cannot anticipate, nor does it cover damage or failure that has occurred as a result of product abuse, accidents, power disturbances, vandalism, acts of God or nature and other causes which are out of any manufacturer's control.

All Beachcomber Hot Tubs must be used, installed and maintained as directed by the supplied Owner's Guide to receive Guarantee coverage. The Beachcomber Premium and Beachcomber Premium Extended Guarantee are valid only in the country of purchase. Service after the sale is the responsibility of the store from which you purchased your Beachcomber Hot Tub.

## UPGRADE TO OUR PREMIUM EXTENDED GUARANTEE

Contact your Beachcomber Hot Tub dealer to upgrade to our Premium Extended Guarantee, if you haven't already done so.

For all other questions, please call our Guarantee department: 1-800-663-6557 or visit us online for more information: [www.beachcomberhottubs.com](http://www.beachcomberhottubs.com)

# 1 BEACHCOMBER HOT TUB SETUP AND INSTALL CHECKLIST



SCAN THE QR CODE  
TO SUBMIT DIGITALLY

This Checklist is required for 5-Star Deliveries, and must be completed to register and activate the Guarantee. Send this Checklist through one of the following methods:

- A. MAIL** Attention: Guarantee Department, Beachcomber Hot Tubs, 13245 Comber Way, Surrey, BC, Canada V3W 5V8
- B. EMAIL** Scan or photograph this Checklist, and send to [guarantee@beachcomberhottubs.com](mailto:guarantee@beachcomberhottubs.com)
- C. QR CODE** Scan the QR Code to fill out and submit this Checklist digitally.
- D. ONLINE** Attach a scan or photograph of this Checklist at [www.beachcomberhottubs.com/guarantee-registration](http://www.beachcomberhottubs.com/guarantee-registration)

First Name :				Last Name :					
Address:									
City :				Province/State :			Postal Code :		
Phone. :				Email :					
Serial No. :		Model :		Date Installed :		Installer :			
<b>The items below to be checked Pre-Fill by the Delivery Personnel</b>								Initial	
1	Is there damage or discrepancies found after unwrapping the hot tub, the cover and/or the step? <b>(Please select)</b>						YES	NO	
	If Yes, please describe:								
	Ensure the customer is made aware of the issue and contact Customer Care at your Beachcomber Development Center for further instructions								
2	<b>HYBRID4</b> : Ensure equipment is attached to the hot tub and all peripheral and AV connections are plugged in, as per the instructions included with the Hybrid System/Step Box and in the Owner's Guide.								
3	Ensure all FlexJets are in the open position.								
4	<b>HYBRID4</b> : Make sure the SafeAxis step is secured, with the hardware and brackets provided, to house the equipment in accordance with the instructions included in the Hybrid/step system box. <b>LEEP</b> : Ensure the access door is secured and installed with the Ikea bolts provided								
5	Ensure customer has received the Owner's Guide and the QSS operation manual (if applicable) and that its contents have been reviewed. <b>(Please select)</b>						YES	NO	
6	Instructed customer to use the Beachcomber Care Sample Bottle to bring in a sample of their hot tub water to your store for testing and further instruction on water care? <b>(Please select)</b>						YES	NO	
7	Explained the importance of and how to use the locks on the Heatshield Cover to secure it to the hot tub? <b>(Please select)</b>						YES	NO	
<b>The items below to be checked After-Fill by the WetStart Personnel</b>								Initial	
1	Ensure all electrical power is connected by a qualified electrician and a GFCI is installed. <b>Warning: All electrical connections must be done by a qualified electrician and in accordance with the local area electrical code.</b>								
2	Ensure hot tub is filled as per Owner's Guide (see page 9 of Owner's Guide)								
3	Ensure the system is properly receiving 240 volts and that it shows "24" at the end of the Software ID numbers. For all 110-120 Volt hot tubs, ensure the system is receiving 120 volts and shows "12". For 50Hz SST Management Systems, ensure I-3 is displayed to show that power input is correct.								
4	Check all functions for correct operation <b>(Please select)</b> :							Initial	
	<b>Function</b>	<b>Functions Properly?</b>		<b>Hot Tub Options</b>	<b>Functions Properly?</b>				
	Jet Pump(s) Low Speed	YES	NO	RFM	YES	NO	N/A		
	Jet Pump(s) High Speed	YES	NO	Turbo	YES	NO	N/A		
	Air Controls (provides aeration)	YES	NO	Waterfall	YES	NO	N/A		
	Main interior light	YES	NO	Optical Lighting	YES	NO	N/A		
			Surround Sound	YES	NO	N/A			
5	Performed Wet Start with the customer? <b>(Please select)</b>						YES	NO	
6	Instructed customer on how to balance and sanitize water? <b>(Please select)</b>						YES	NO	
7	Beachcomber 5 Year Premium Extended Guarantee? <b>(Please select)</b>						ACCEPTED	DECLINED	

Installer's Signature: \_\_\_\_\_ Customer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## *Our Commitment to Your Family*

A Beachcomber Hot Tub is an investment in you and your family. Since 1978, our extended family of stores around the world have been helping people just like you to make a solid, informed decision about buying a hot tub. We have always believed in giving the information and education needed to make that important decision. We know that the sale really begins after you have your Beachcomber in your home.

Our desire for you is to have the best experience possible with your new Beachcomber Hot Tub, that's why our stores are equipped to help you with any additional needs you may have. From our family to yours, thank you for putting your trust in us and our products. We are pleased that you have chosen Beachcomber, and hope you recommend us to your friends and relatives.

***Keith Scott***

*Founder of Beachcomber Hot Tubs*