Beachcomber Hot Tub Owner's Guide

beachcomber
HOT TUBS

the green hot tub company™

CONGRATULATIONS ON THE PURCHASE OF YOUR BEACHCOMBER HOT TUB!

Your hot tub is an investment in your health and happiness. Your Beachcomber Hot Tub will bring you relaxation, great family moments, romance, therapy and so much more. This Owner's Guide is intended to give you instructions on the basic operation of your hot tub. SAVE THESE INSTRUCTIONS for easy reference; for the most up-to-date and current statistics you can also find this Owner's Guide online, at: **www.beachcomberhottubs.com**

My Serial No: _____

Table of Contents

Your Beachcomber Hot Tub 3

Important Safety Instructions 4

- Beachcomber's Safety Features 5
- Starting Up a Beachcomber Hot Tub 6
- Basic Hot Tub Configurations 7

Equipment Configuration Diagrams 8

Digital Systems Programming and Operation 10

- ET-7 Control Panel 10
- User Edit Menu 12
- ET-70 Control Panel 13
- ET-50 Control Panel 15
- ET-30 Control Panel 17

Water Care and Chemistry 19

Hot Tub Care and Maintenance 20

Operation of Beachcomber Hot Tub Interior Features 21

Draining Your Beachcomber Hot Tub 23

Vacation Instructions 23

Winter Operation Information 24

Shut Down Procedures 24

Do's and Don'ts 25

Diagnostic Display Message & Trouble Shooting Guide 25

The Beachcomber Guarantee 28

The Beachcomber Premium Guarantee 30

Audio Equipment Information 32

Take Part in an Online Survey 32

Hot Tub Care Details Chart 33

Beachcomber Hot Tub Care and Maintenance Record 33

This Owner's Guide is for hot tubs manufactured from November 1st, 2008.

Important details of your new Beachcomber Hot Tub

Record information about your hot tub in the space below, so that you can have it on hand if you need to contact your local store:

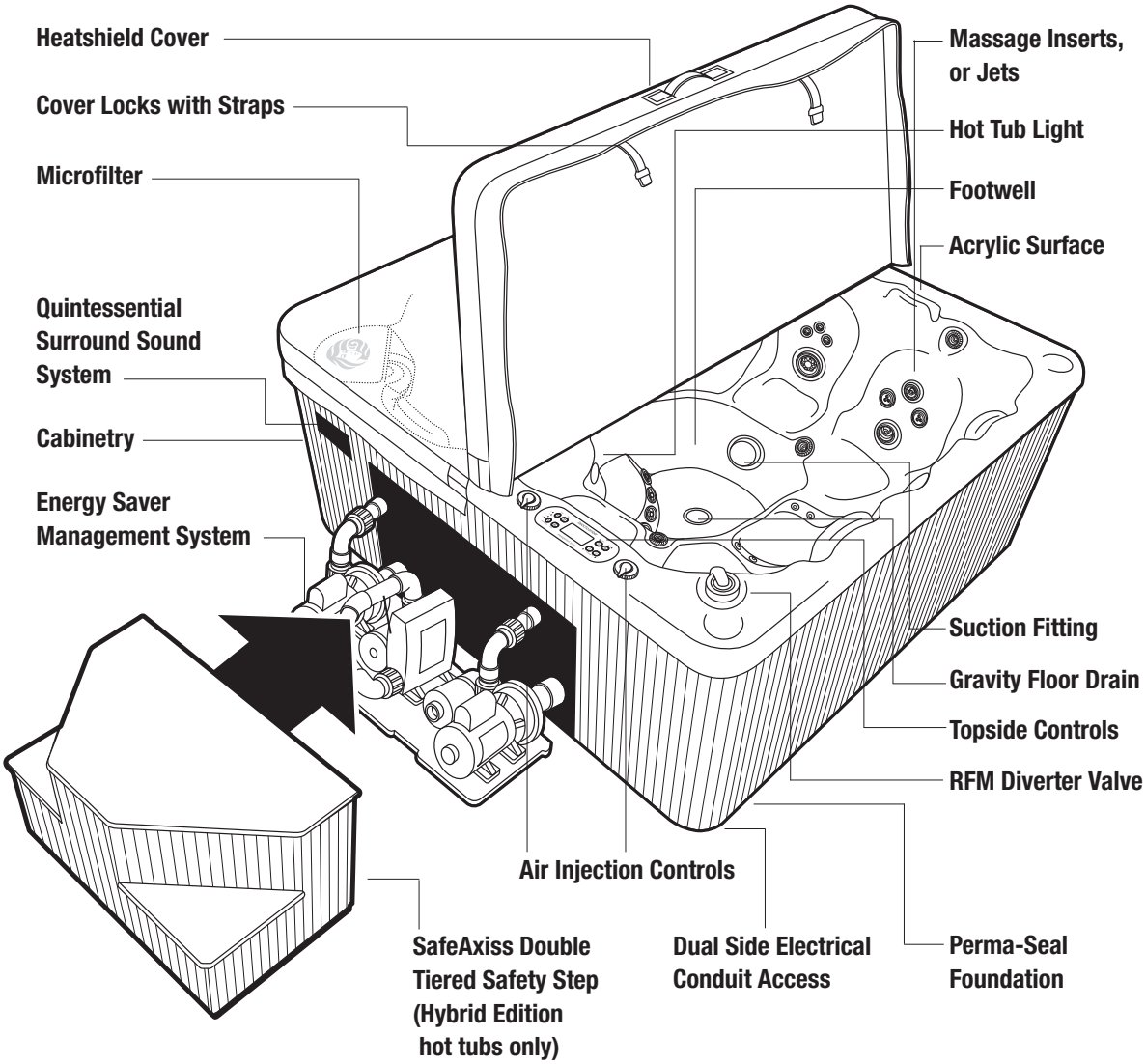
MODEL NUMBER: _____ **DATE OF PURCHASE:** _____

HOT TUB SERIAL NUMBER: _____ **STORE NAME:** _____

GUARANTEE NUMBER: _____ **STORE PHONE:** _____

The Basic Components of Your Beachcomber Hot Tub

Please use the diagram below to familiarize yourself with the basic components of your Beachcomber Hot Tub.
Read this entire document, so that you and your family know how to safely enjoy your Beachcomber Hot Tub.



Important Safety Instructions

WARNING IMPORTANT! READ AND FOLLOW ALL INSTRUCTIONS AND KEEP FOR EASY REFERENCE.

A green colored terminal, or wire connector marked Ground is provided within the control box. To reduce the risk of electric shock, connect this terminal or connector to the grounding terminal of the electric service or supply panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment. In addition bonding lugs are provided and marked Bonding Lugs. To reduce the risk of electric shock, connect the bonding lugs in accordance with the local electric code.

At least two lugs marked Bonding Lugs are provided on the external surface of the supply terminal box. To reduce the risk of electrical shock connect the local common binding grid in the area of the hot tub to these terminals with an insulated or bare copper conductor not smaller than No.6 AWG. Note: this is factory installed.

All field-installed metal components such as rails, ladders, drains or other similar hardware within 10 ft/3m of the hot tub shall be bonded to the equipment grounding bus with copper conductors not smaller than #6AWG.

CAUTION: WIRING CONNECTED IN THIS BOX MUST BE RATED AT 600V.

There are no user serviceable parts within the management system. The high voltage can cause injury or death. The hot tub 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.

Always make sure there is an adequate sanitizer level in your hot tub before entering. Failure to do so may cause skin irritations or illness. Use a test kit or test strips to check prior to entry.

CAUTION: WATER TEMPERATURE IN EXCESS OF 100ºF/38ºC MAY BE INJURIOUS TO YOUR HEALTH. AVOID PROLONGED EXPOSURE TO HOT WATER. WATER TEMPERATURE MAY NEED TO BE DECREASED FOR CHILDREN OR THE ELDERLY.
THE MAXIMUM RECOMMENDED TEMPERATURE OF YOUR HOT TUB WATER IS 104ºF/40ºC.

To reduce the risk of drowning from hair and body entrapment, install suction fitting(s) with a marked flow rate that is not less than the flow rate marked on the remote packaged unit. Note: these are factory installed. Do not operate the hot tub with any of the suction fitting covers off. These covers prevent hair or objects from being sucked into the plumbing. *See figure 1.*

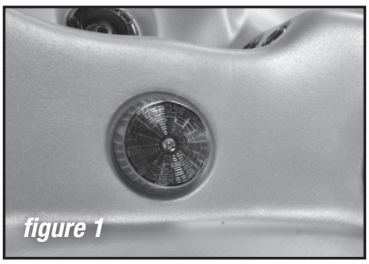


figure 1

CAUTION: THE EQUIPMENT AND CONTROLS SHALL BE LOCATED NOT LESS THAN 3.5 ft OR 1m HORIZONTALLY FROM THE HOT TUB.

Hyperthermia occurs when the internal temperature of the body reaches a level of several degrees above normal body temperature of 98.6ºF/37ºC. The symptoms of hyperthermia include drowsiness, lethargy and an increase of internal temperature of the body.

The Effects:

- unawareness of impending hazard;
- failure to perceive heat;
- failure to recognize the need to exit the hot tub;
- physical inability to exit the hot tub;
- 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.

Recommended time in water at 100ºF/38ºC is 15 minutes. Lower temperatures will permit longer bathing times. Always check the temperature of the water before entry with a thermometer.

WARNING PERSONS WITH THE FOLLOWING CONDITIONS SHOULD CONSULT THEIR PHYSICIAN BEFORE USING A HOT TUB: DIABETES, LOW OR HIGH BLOOD PRESSURE, PERSONS WITH INFECTIOUS DISEASES, OBESITY, HEART DISEASE, CIRCULATORY PROBLEMS, PREGNANT WOMEN OR THOSE TAKING MEDICATION PRESCRIBED BY THEIR PHYSICIAN. DO NOT ALLOW ELECTRICAL DEVICES SUCH AS PORTABLE STEREOS, TV'S, HAIR DRYERS WITHIN 5 FEET/1.5 METERS OF THE HOT TUB. FAILURE TO DO SO COULD CAUSE ELECTROCUTION RESULTING IN INJURY OR DEATH SHOULD THE DEVICE FALL IN THE WATER.

WARNING DO NOT ALLOW CHILDREN TO USE A HOT TUB WITHOUT ADULT SUPERVISION. PREVENT UNAUTHORIZED CHILD ACCESS TO AVOID THE RISK OF DROWNING.

WARNING THE HEATSHIELD 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 WILL BREAK THE FOAM INNERS AND LEAD TO PREMATURE FAILURE OF THE HEATSHIELD.

Beachcomber's Safety Features

Molded Interior Steps

Beachcomber Hot Tubs are made with anti-slip checker plate flooring, designed to make entry and exit safer. Always use extreme caution during entry and exit, as hot tub surfaces are slippery when wet.

Body Molded Handgrips

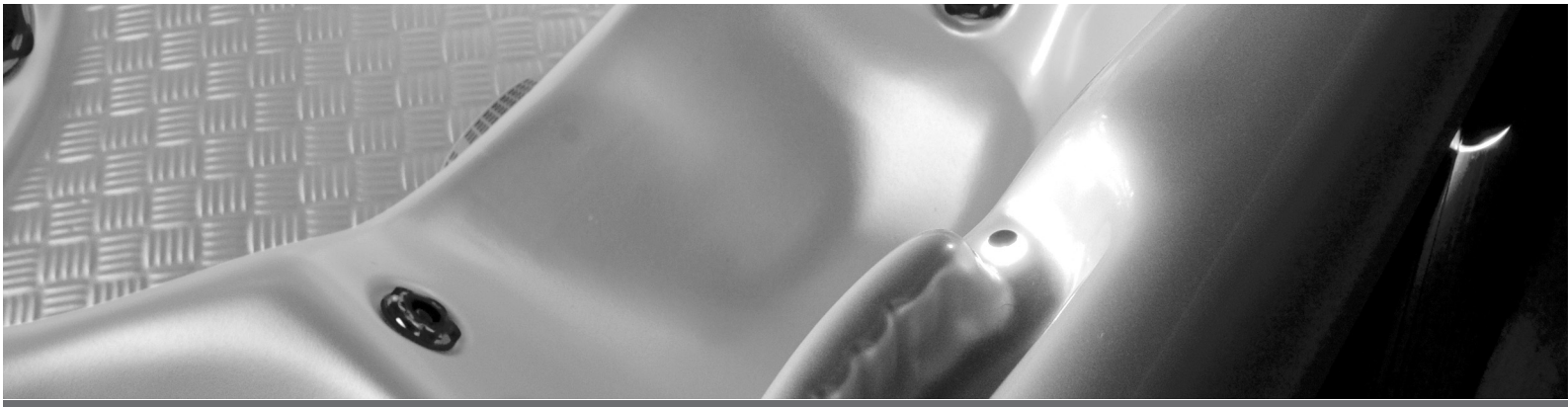
Use handgrips to prevent slipping, and to promote ease of movement while entering, soaking and exiting the hot tub. *See figure 2.*

figure 2

Heatshield Cover Locks

To prevent unwanted entry by children or unauthorized users, use the cover lock assemblies that come as a standard feature with each hot tub. Screw the female half on to the hot tub cabinet with the stainless screws provided. *See figure 3.*

figure 3



Starting up a Beachcomber Hot Tub

Once the Hybrid equipment is hooked up using the separate instructions provided with the Hybrid Equipment box, and the electrical connection is made by a qualified electrician, do the following:

1. Check all union fittings on the Hybrid or Portable equipment to ensure that they are tight. Hand-tightened is sufficient. If leaking is noted at these fittings you may need to tighten further or the gasket may be missing or not seated properly. Unscrew the union and check.

2. Open all knife valves that are pointing up. ***See figure 4.*** Leave all valves that are facing down in the closed position. Fill the hot tub with water from a garden hose. You can hang the hose over the edge of the hot tub or hook it up to the drain/fill valve located down by the pumps and fill from the bottom. It is recommended you run your water through your garden hose to waste for a few seconds before filling the hot tub.

figure 4

3. Fill the hot tub to half way up the skimmer opening. Note: If your hot tub is Hush Pump™ equipped your level can be lowered to one third up the skimmer opening. This will allow for more displacement if the hot tub is subjected to use by more than the recommended amount of people for that model. ***See Figure 5.***

figure 5

WARNING OVER FILLING WILL NOT ALLOW ROOM FOR DISPLACEMENT FROM PEOPLE ENTERING THE HOT TUB. UNDER FILLING COULD CAUSE AN AIRLOCK IN THE SYSTEM AND COULD LEAD TO PUMP AND HEATER DAMAGE NOT COVERED BY YOUR GUARANTEE.

WARNING ENSURE YOUR HOT TUB IS SITUATED ON A LEVEL, HARD SURFACE CAPABLE OF SUPPORTING BOTH THE WEIGHT OF THE HOT TUB, AND THE WATER IN IT. SEE PAGE 33 FOR DETAILS.

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 on the 300 and 500 series hot tubs, two on a 500 series with Hush Pump™ and a standard 700 series and three on a 700 series with Hush Pump™. Once all air is bled from the system, open any knife valves that are facing down.

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.

Basic Hot Tub Configurations

Beachcomber manufactures hot tubs in two configurations, one of which you now own.
The Hybrid Edition™ features the equipment outside of the hot tub cavity under a safety step. ***See Figure 6.***

The Original Portable features the equipment tucked inside the hot tub cabinetry. A plank style step is available for this style of construction. See your store for details.
See Figure 7.

Beachcomber Original Portable
A plank style step is available as an optional accessory.

figure 7

MICROFILTER REMOVAL AND MAINTENANCE
The Microfilter in the hot tub should be cleaned approximately every two weeks or more if bather load is high. Failure to clean the Microfilter can result in cloudy water, odor and potential equipment damage due to decreased flow. To remove the Microfilter, turn off power to the hot tub at the GFCI breaker or at the power disconnect.

figure 8

To remove, twist the trim ring to unlock it and remove with the floating weir assembly, then lift out the basket and then pull out the Microfilter. ***See figure 8.*** Remove any hair or debris from the basket. Soak the Microfilter in a cleaner such as ***Filter Pure*** overnight and then remove and rinse thoroughly with a hose spray nozzle to remove cleaner residue. It is recommended that you alternate Microfilter cleaning each month with ***Filter Cure***. It is also advisable to have two Microfilters, to alternate while the other is soaking in the cleaner.

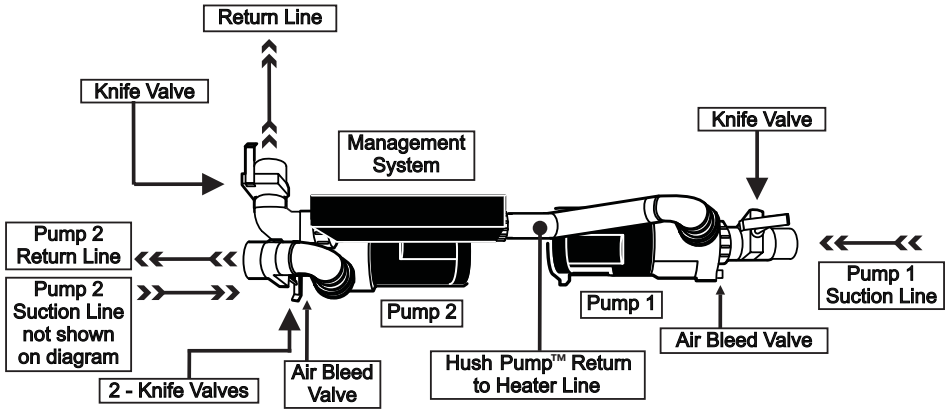
Beachcomber Hybrid Edition
Includes the SafeAxiss Steps.

figure 6

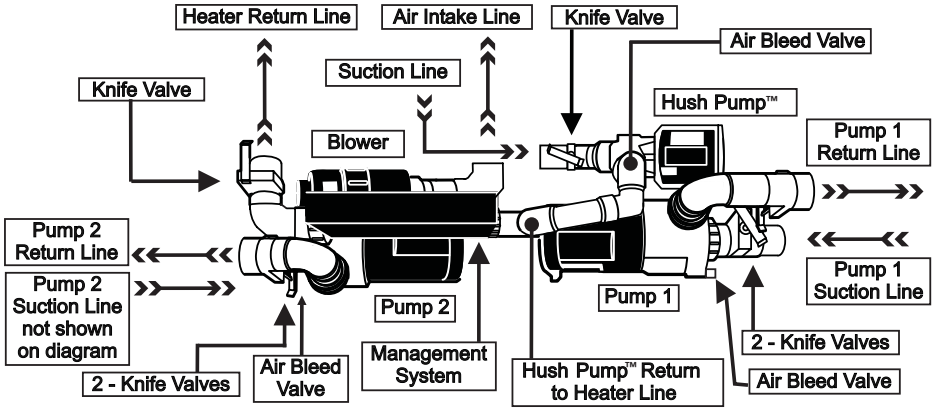
Equipment Configuration Diagrams

Please use these diagrams for component location on all Beachcomber models.

Original Portable Hot Tub, 2 Speed Pump Version

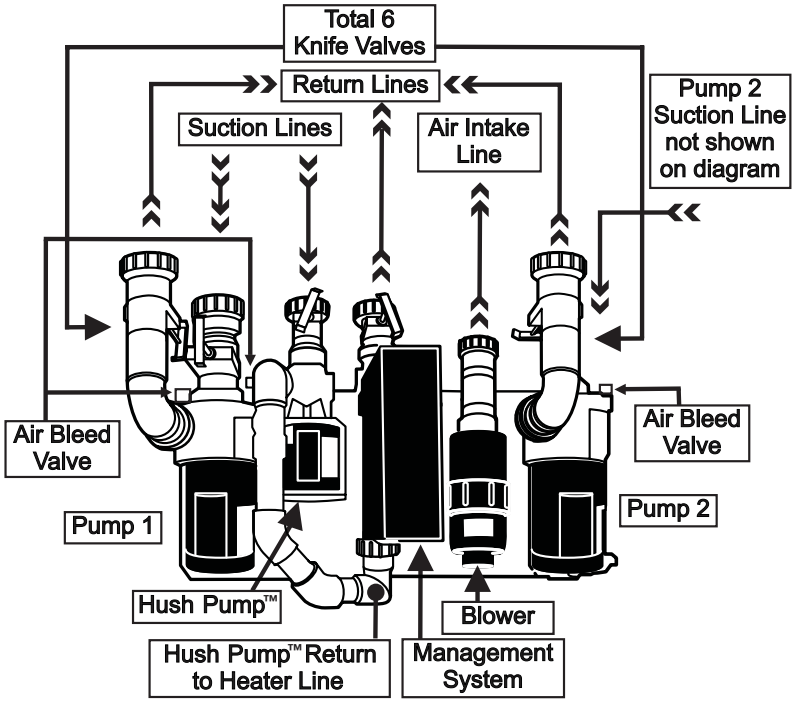


Original Portable Hot Tub, Hush Pump™ & Turbo Version

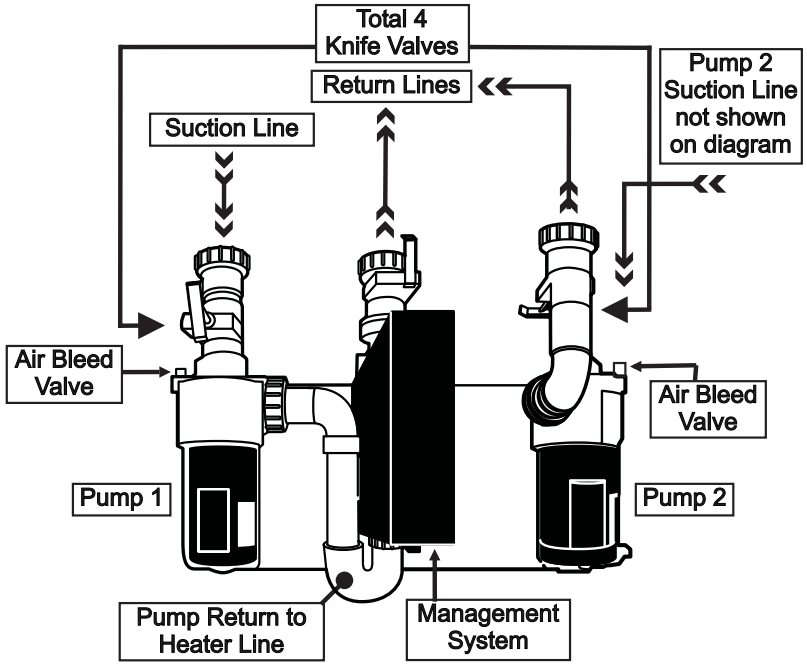


Please Note: Your hot tub may or may not be equipped with features shown in this Owner's Guide. Beachcomber makes continual changes, upgrades and improvements; if you need more specific information on your hot tub, please call your local Beachcomber store, or use the contact information in this guide.

Hybrid Edition Hot Tub,
Hush Pump™ & Turbo Version



Hybrid Edition Hot Tub,
2 Speed Pump Version



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.

ET-7 TOPSIDE CONTROL PANEL OPERATING INSTRUCTIONS

START UP

When your hot tub is first activated, it will go into priming mode (after displaying some configuration information). The priming mode will last up to 4 minutes; then circulation will start, then heat icon will come on for 6 seconds, and then flicker for 90 seconds. Then heater will come on to heat water to set temperature. It is recommended that priming mode be allowed to finish, preventing any pumps from operating dry. If you are positive all pumps are primed you can exit priming mode early by pressing or .

TEMPERATURE ADJUSTMENT

Temp range is: 80°F - 104°F/26.0°C – 40.0°C The factory pre-set temperature is set at 100°F/37.5°C. The last measured temperature is constantly displayed on the LCD. See edit menu in Owner's Guide to select F° or C°. ***Note:*** On non HushPump™ hot tubs the current water temperature will only be displayed if the 2 speed filter pump has been running for two minutes.

WARM / COOL

Press the or button twice to display the set temperature. Each time either button is pressed again, the set temperature will increase or decrease depending on which button is pressed. After three seconds, the LCD will automatically display the last measured water temperature.

HEATING MODES

This button is used to switch between Standard, Economy, and Sleep modes. Press to enter mode programming, press to cycle through to desired mode (LCD flashes until confirmed), then press to confirm selection.

Standard Mode maintains the set temperature at all times. Note that the last measured hot tub temperature displayed is current only when the pump has been running for at least 2 minutes. The ***STANDARD*** icon will display until the mode is changed.

Economy Mode heats the hot tub to the set temperature only during filter cycles. The ***ECONOMY*** icon will display until mode is changed. Pressing **1** while in Economy mode puts the hot tub in Standard-In-Economy mode, which operates the same as Standard Mode, then reverts to Economy Mode automatically after 1 hour. Use this mode to activate the heater if using the hot tub when not in filter cycle. During this time, a press of the button will revert to Economy Mode immediately.

Sleep Mode heats the hot tub within 20°F (11°C) of the set temperature only during filter cycles. The ***SLEEP*** icon will display until mode is changed. Use this mode when going on holidays.

MASSAGE 1

Press **1** button once to turn pump 1 on to low speed, press **1** again for the pump's high speed, and once more to turn off the pump. Low speed turns off automatically after 2 hours and high speed turns off automatically after 15 minutes. Massage pump 1 comes on for a 1 minute purge at the start of each filter cycle.

MASSAGE 2

Press **2** button once to turn pump 2 on to low speed, press **2** again for the pump's high speed, and once more to turn off the pump. Low speed and high speed turn off automatically after 15 minutes. Massage pump 2 comes on for a 1 minute purge at the start of each filter cycle.

TURBO *(optional)*

Press the button to turn Turbo on and off. Turbo will automatically turn off after 15 minutes. Turbo comes on for a 10 second purge at the start of each filter cycle.

LIGHT

Press the button to turn the hot tub light on, press again to turn off. Light will automatically turn off after 3 hours.

STANDBY MODE

Pressing or followed by **2** will turn off all hot tub functions temporarily. SbY will appear on your display. This is helpful when changing a Microfilter cartridge. Press any button to exit standby mode. Note: If hot tub is in a heat cycle when standby is selected the 2 speed pump or HushPump™ will run for approximately 15 seconds.

TIME OF DAY AND FILTER CYCLES SETTING

On all systems, the 2 speed filter pump or HushPump™ and ozone generator will run during filtration. There are two filter cycles per day. The start/end times of each cycle are programmable. Programming filter times on HushPump™ equipped hot tubs are used to tell the system how many hours a day to turn the heater on when in Economy mode.

To Program:

1. Press then .
2. Use the and buttons to adjust the time of day in hours, press the again to adjust the time in minutes. Use the and buttons to adjust the minutes. Press to enter new time.
3. You will see **PROGRAM**, **FILTER 1** *(F1)*, **START TIME** appears on the display. Press or to choose the filter start time hour. Enter the hour by pressing .
4. Press or to choose the filter start time minutes. Each press will change the start time by 5 minutes. Enter the minutes by pressing .
5. Press to see the **PROGRAM**, **FILTER 1***(F1)*, **END TIME**. Adjust the time as done above.
6. Press to see the **PROGRAM**, **FILTER 2***(F2)*, **START TIME**. Proceed as above.
7. Press to see **PROGRAM**, **FILTER 2***(F2)*, **END TIME**. Adjust the time as done above.
8. The time that now appears allows you to turn your hot tub light on automatically. Adjust time as done above.
9. Program the time you want your light to turn off.
10. Press will enter the new filter cycle times into the system and display the current water temperature.

PANEL INVERSION

Press the or button, followed by the or button to change the numbers in the display to read upside down. Press the same sequence to set back.

LOCKING THE PANEL

Press **1** then within 3 seconds. When locked, the **PL** indicator light will light up. All buttons are frozen except the button. To unlock the panel, press , **1** then .

LOCKING THE SET TEMPERATURE

Press or then , **1** and within 3 seconds to activate the lock. The **TL** indicator light will light up when temperature is locked. To unlock the set temperature, press or then , **1** and .

WARNING TAMPERING WITH OR MODIFYING THIS EQUIPMENT MAY VOID YOUR GUARANTEE.

PERIODIC REMINDER MESSAGES

(press the button to reset a displayed reminder message)

- `rPH`: Test and adjust pH chemical levels as per Beachcomber instructions. Reminder is every 7 days.
- `rCL`: Remove, clean, and reinstall Microfilter as per Beachcomber instructions. Reminder is every 30 days.
- `rtG`: Test & reset GFCI as per Beachcomber instructions. Reminder is every 30 days.
- `rdr`: Drain and refill hot tub as per Beachcomber instructions. Reminder is every 90 days.
- `rCO`: Clean and condition Heatshield as per Beachcomber instructions. Reminder is every 180 days.
- `rCH`: Install new Microfilter. Reminder is every 365 days.

To suppress reminders, refer to the user edit menu on page 12.

DIAGNOSTIC DISPLAY MESSAGES

`OHH` or `OHS`: Overheat-DO NOT ENTER HOT TUB

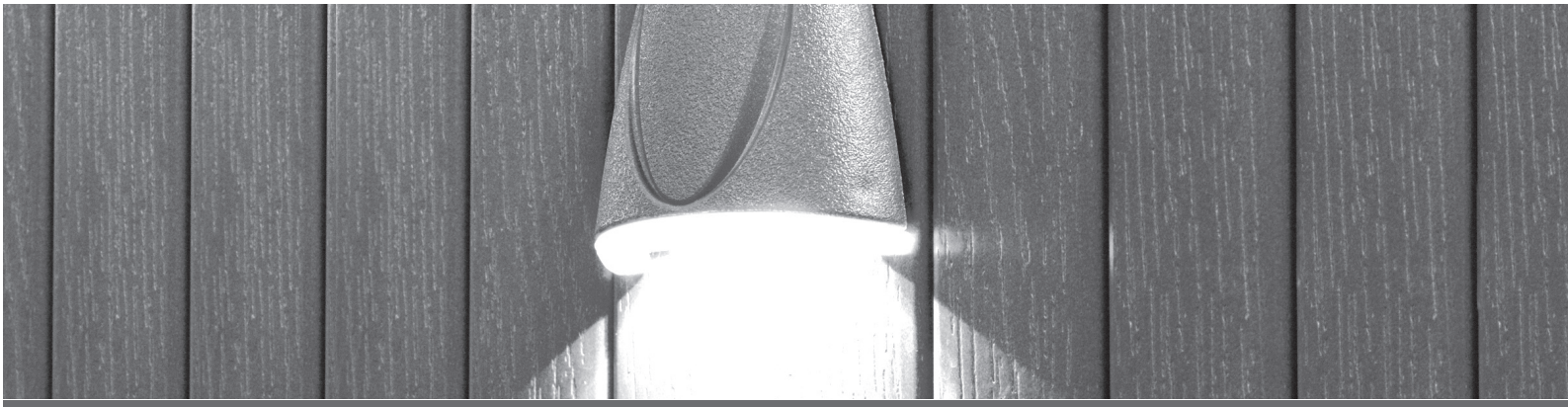
- `ICE`: Potential Freeze
- `SnA`: Hot tub is shut down
- `Snb`: Hot tub is shut down
- `SnS`: Sensor out of balance
- `HFL`: Could indicate flow problem
- `LF`: Persistent low flow problems
- `dr`: Inadequate water detected
- `drY`: Inadequate water detected
- `Pr`: Hot tub in priming mode
- `- -`: Temperature unknown
- `---`: Temperature not current or in Economy or Sleep mode.

PLEASE REFER TO TROUBLE SHOOTING GUIDE STARTING ON PAGE 25 FOR A COMPLETE EXPLANATION OF DIAGNOSTIC MESSAGES.

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

DO NOT ATTEMPT SERVICE OF THIS CONTROL. CONTACT YOUR RETAIL STORE OR SERVICE PROVIDER FOR ASSISTANCE. FOLLOW ALL OWNER'S GUIDE POWER CONNECTION INSTRUCTIONS. INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN AND ALL GROUNDING CONNECTIONS MUST BE PROPERLY INSTALLED.

WARNING ALWAYS TEST WATER TEMPERATURE PRIOR TO ENTRY USING THE TOPSIDE CONTROL PAD. ENSURE COMFORT BY ALSO CHECKING WATER WITH A THERMOMETER.



USER EDIT MENU

This feature is only available on 700 Series tubs that have the Energy Saver Management System remote installed.

There are three selections in the User Edit Menu:

1. **Suppress Reminders:** This SST2 system will display a number of reminders prompting you to perform certain maintenance tasks. If you do not want these reminders to be displayed you can suppress them.
2. **Temperature Display:** You can change your temperature read out from Fahrenheit to Celsius.
3. **Time Display:** You can change the time clock display from 12 hour am/pm to 24 hour Military.

ACCESSING THE USER EDIT MENU

Press the then 1, then , USr will be displayed. Then press 1 to display Sr.n (Suppress reminders). To suppress press 1 again to make the n flash. Press to change the n to a Y and then press 1 to confirm, then button twice to exit. Reminders will now be removed.

If you want to change the temp display from Fahrenheit to Celsius use the same procedure as above to get to Sr.n but then press to go to tc.n then 1 to make the n flash, to change the n to Y and then 1 to confirm.

If you want to change the time display from am/pm to 24 use the same procedures as above to get to Sr.n and then press twice to get to 24.n then press 1 to get the n to flash, press to change the n to Y and then 1 to confirm then twice to exit.

TOPSIDE CONTROL PANEL STANDBY FEATURE

The Standby feature is used primarily to temporarily shut the circulation pump off before removing the Micro Filter for cleaning or replacement. This prevents debris or objects from entering the circulation pump while the skimmer basket and filter are out. Standby can also be used if the user wants to have total quiet while using the hot tub but during this time the tub will not heat.

Do not use Standby to drain and refill your hot tub.

Use the instructions below to put your hot tub into Standby.

ET-70 TOPSIDE CONTROL PANEL ON 700 SERIES TUBS

Press then to put the tub into Standby. Press any button to take the hot tub out of standby.

ET- 50 TOPSIDE CONTROL PANEL ON 500 SERIES TUBS

ET- 30 TOPSIDE CONTROL PANEL ON 300 AND 160 SERIES TUBS

For the ET-50 or ET-30, press then to put the hot tub into Standby. Press any button to take the hot tub out of standby.

Note: For ET-7 standby instructions, See page 10.

ET-70 TOPSIDE CONTROL PANEL OPERATING INSTRUCTIONS

START UP

Before turning on the power make sure you have read the Start Up instructions on page 6. When your hot tub power is first turned on it will display a series of numbers identifying the software version and the voltage input. It will then go into a 4 minute priming mode indicated by a Pr on the LCD display. During priming mode the Hush Pump™ will circulate the water through the filter and heating system to allow the temperature to be read. If your tub is not Hush Pump™ equipped the jet pump will not turn on until the prime mode times out or the button is pressed to time out early. During prime mode the jet pumps can be turned on to make sure they are fully primed and moving water in the tub. Do not allow an unprimed jet pump to run for more than 10 seconds. If the fill water temperature is below 44°F/ 7°C freeze protection will activate all pumps immediately. While the circulation pump is running the display will show a - - °F indicating current temperature is not known. This will take two minutes. Once temperature is known it will be displayed on the LCD.

TEMPERATURE ADJUSTMENT

The temperature range is 80°F - 104°F / 26.0°C – 40.0°C. The default is 100°F/37.5°C. Any temp changes are saved in the system memory if power is interrupted. Use the button to increase and the button to lower the set points. After showing set temp the LCD will revert back to current water temp.

Note: if set temp is lowered more than 3°F/1.5°C below current water temp the Hush Pump™ will stop. The circulation will restart every 30 minutes to check if water temp has come down to set temp. It will also run continually during programmed times.

HEATING MODES

Std – ***Standard Mode***: (Default mode) In Standard Mode the water is always heated to the set temperature. The display will show the current temperature and the word ***STANDARD***.

Ecn – ***Economy Mode***: In Economy Mode the water is heated only during the filter cycle times. Default times are 8:00 am to 10:00 am for cycle 1 and 8:00 pm to 10:00 pm for cycle 2. If using economy you may need to alter these times to make sure the water is at your desired temp during your usual tub use times. The display will alternate between Ecn and the current temperature and display the word ***ECONOMY***.

SLP – ***Sleep Mode***: In Sleep Mode the water is only heated to within 20°F/11°C of your set point and the heater only comes on during the programmed filter cycle times. This mode is typically only used for vacation time. The display will alternate between the current temperature and SLP.

To change heating modes press the button then the button.

MASSAGE 1

To activate this jet pump press the 1 button once to activate low speed, The icon will flash off and on, on the LCD display. Press again to activate high speed and the icon will become solid on the display. Press a third time to turn the pump off. The low speed will turn off automatically after 4 hours and the high speed will turn off after 15 minutes.

Note: If tub is Hush Pump™ equipped the low speed of Massage 1 will come on automatically for 1 minute at the start of each filter cycle to purge the plumbing lines. If the purge time is not at the time of day you want, change the filter times.

MASSAGE 2

To activate this jet pump press the 2 button once to activate low speed, The icon will flash off and on, on the LCD display. Press again to activate high speed and the icon will become solid on the display. Press a third time to turn the pump off. The low speed and the high speed will turn off automatically after 15 minutes.

Note: If tub is Hush Pump™ equipped the low speed of Massage 2 will come on automatically for 1 minute at the start of each filter cycle to purge the plumbing lines. If the purge time is not at the time of day you want change the filter times.

LIGHT

To activate, press the button once to turn on and again to turn off. The light will automatically turn off after 4 hours. If your tub has an Everlite™6 or any additional lighting features see the instructions in this manual.

TURBO (OPTIONAL)

To activate, press the button once to turn on and again to turn off. The Turbo will turn off automatically after 15 minutes. The Turbo will come on automatically for 30 seconds at the start of each filter cycle to purge the Turbo plumbing. If the purge time is not at the time of day you want change the filter times.

SETTING TIME CLOCK AND FILTER CYCLES

Time Set

To set the time clock to your local current time press the button, then the button and Set Time appears. Press the button to advance the time or the to back up the time. The time will advance quickly 5 seconds after pressing the or buttons. Use the same button to stop the clock at the desired time.

Filter Cycle Setting

Changing filter cycles is not necessary as it comes preset from the factory as outlined in Economy heat mode, but if you want to change them follow instructions below.

Once time of day is set press the button to set start time of Filter cycle 1. If your tub is Hush equipped changing filter cycles does not affect the time the Hush runs. It tells the system when to turn on the heater if you are using the Economy heat setting. If your tub is non Hush changing the cycle time tells the two - speed pump 1 when to operate for a filter cycle. Avoid programming a long filter cycle that runs during the day time hours in hot summer weather as it could cause the water to overheat. Use the or buttons to advance or backup the Filter 1 start time. Press the same button to stop the time once you reach the desired start time. Press the button to advance to the Filter 1 stop time and use the same procedure as above to adjust. Press the again to select Filter 2 start time then use the same procedure as above to adjust, then press to select Filter 2 stop time and once set, press to exit the menu.

Make sure you do not program the cycles to overlap the start or stop time of either cycle.

Any changes to filter cycles and time are stored in the system memory and will be retained in the event of a power outage.

PANEL LOCK

This feature might be used if you do not want anyone to operate the tub in your absence. To lock the panel press, , then 1 then within three seconds. A pad lock icon will appear on the LCD. To unlock press then then 1, then within three seconds.

TEMPERATURE LOCK

This feature might be used to prevent other tub users such as children from adjusting the tub set temperature. To lock the set temperature press, then then 1 then within 3 seconds. To unlock press then then 1 then within 3 seconds.

DIAGNOSTIC DISPLAY MESSAGES

	Power to Hot Tub is off
--°F	Current temperature not known
OHH	Possible overheated heater: do not enter Hot Tub
OHS	Possible overheated Hot Tub: do not enter Hot Tub
SnA	Sensor problem
Snb	Sensor problem
SnS	Sensors out of balance
HFL	Possible flow through heater problem
LF	Confirmed flow through heater problem
dr	Possible dry heater problem
drY	Confirmed dry heater problem
ICE	Freeze condition sensed

Refer to diagnostic and trouble shooting section on page 25 for more detailed information.

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

DO NOT ATTEMPT SERVICE OF THIS CONTROL. CONTACT YOUR RETAIL STORE OR SERVICE PROVIDER FOR ASSISTANCE. FOLLOW ALL OWNER'S GUIDE POWER CONNECTION INSTRUCTIONS. INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN AND ALL GROUNDING CONNECTIONS MUST BE PROPERLY INSTALLED.

WARNING TAMPERING WITH OR MODIFYING THIS EQUIPMENT MAY VOID YOUR GUARANTEE.

WARNING ALWAYS TEST WATER TEMPERATURE PRIOR TO ENTRY USING THE TOPSIDE CONTROL PAD. ENSURE COMFORT BY ALSO CHECKING WATER WITH A THERMOMETER.

ET-50 TOPSIDE CONTROL PANEL OPERATING INSTRUCTIONS

STARTUP

Before turning on the power, make sure you have read the Start Up instructions on page 6. When your hot tub power is first turned on it will display a series of numbers identifying the software version and the voltage input. It will then go into a 4 minute priming mode indicated by a Pr on the LCD display. During priming mode the Hush Pump will circulate the water through the filter and heating system to allow the temperature to be read. If your hot tub is not Hush Pump equipped, the jet pump will not turn on until the prime mode times out or the button is pressed to time out early. During prime mode the jet pump can be turned on to make sure they are fully primed and moving water in the hot tub. Do not allow an unprimed jet pump to run for more than 10 seconds. If the fill water temperature is below 44°F/ 7°C freeze protection will activate all pumps immediately. While the circulation pump is running the display will show a - - indicating current temperature is not known. This will take two minutes. Once temperature is known it will be displayed on the LCD.

TEMPERATURE ADJUSTMENT

The temperature range is - 104°F / 26.0°C – 40.0°C. The default is 100°F/37.5°C. Any temp changes are saved in the system memory if power is interrupted. Press the button to increase or lower the set points. If the is pressed the set point will flash. Each press will move the set point 1 degree. If the set point is moving the wrong direction then stop pressing, let the temperature display stop flashing, then press again to move the set point in the other direction. After adjusting the set temp, the LCD will revert back to the current water temperature.

Note: if set temp is lowered more than 3°F/1.5C below current water temp, the Hush Pump will stop. The circulation will restart every 30 minutes to check if water temp has come down to set temp. It will also run continually during programmed times.

HEATING MODES

St – ***Standard Mode (Default Mode***) In Standard Mode the water is always heated to the set temperature. The display will show the temperature always with Hush Pump equipped systems. If non Hush Pump™, current water temperature will be shown when the pump is running and – when pump is not running. If your hot tub is not equipped with a Hush Pump, the 2 speed pump will come on every 30 minutes outside of filter cycles to poll for current water temperature. If you do not want this to happen, use the Economy mode below.

Ec – ***Economy Mode:*** In Economy Mode the water is heated only during the filter cycle times. The factory default is F4 (4 hours), 2C (twice a day). If using the Economy mode, you may need to alter these times to make sure the water is your desired temperature during your usual hot tub usage times. The first filter cycle starts 6 minutes after power is turned on. The display will alternate between the current temperature and Ec.

SL – ***Sleep Mode:*** In Sleep Mode the water is only heated to within 20°F/11°C of your set point and the heater only comes on during the programmed filter cycle times. This mode is typically only used for vacation time. The display will alternate between the current temperature and SL

To change heating modes, press the button then the button.

MASSAGE

To activate this jet pump, press the button once to activate low speed, twice to activate high speed and three times to turn the pump off. The low speed will turn off automatically after 4 hours and the high speed will turn off after 15 minutes. If the hot tub is Hush Pump™ equipped, the low speed of the jet pump will come on automatically for 1 minute at the start of each filter cycle to purge the plumbing lines.

LIGHT

To activate this press the button once to turn on and again to turn off. The light will automatically turn off after 4 hours. If your tub has an EverLite™ 6 or any additional lighting features see the instructions on page 20 of this manual.

TURBO (OPTIONAL)

To activate this press the button once to turn on and twice to turn off. The Turbo will turn off automatically after 15 minutes. The Turbo will come on automatically for 30 seconds at the start of each filter cycle to purge the Turbo plumbing.

SETTING FILTER CYCLES

Changing filter cycles is not necessary as it comes preset from the factory as outlined in Economy heat mode instructions, but if your tub is not equipped with Hush Pump™ and you want to change them, use the following instructions. Press the then press to bring up F2 keep pressing to select F4, F6, F8, FC (12 hours). Then press to bring up 2C (two cycles per day). If you want to change press to select 1d (day cycle) and again to select 1n (night cycle). Press to exit programming.

DIAGNOSTIC DISPLAY MESSAGES

	Power to Hot Tub is off
--	Current temperature not known
HH	Possible overheated heater: do not enter Hot Tub
HS	Possible overheated Hot Tub: do not enter Hot Tub
SA	Sensor problem
Sb	Sensor problem
Sn	Sensors out of balance
HL	Possible flow through heater problem
LF	Confirmed flow through heater problem
dr	Possible dry heater problem
dY	Confirmed dry heater problem
IC	Freeze condition sensed

Refer to diagnostic and trouble shooting section starting on page 25 for more detailed information.

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

DO NOT ATTEMPT SERVICE OF THIS CONTROL. CONTACT YOUR RETAIL STORE OR SERVICE PROVIDER FOR ASSISTANCE. FOLLOW ALL OWNER'S GUIDE POWER CONNECTION INSTRUCTIONS. INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN AND ALL GROUNDING CONNECTIONS MUST BE PROPERLY INSTALLED.

WARNING TAMPERING WITH OR MODIFYING THIS EQUIPMENT MAY VOID YOUR GUARANTEE.

WARNING ALWAYS TEST WATER TEMPERATURE PRIOR TO ENTRY USING THE TOPSIDE CONTROL PAD. ENSURE COMFORT BY ALSO CHECKING WATER WITH A THERMOMETER.

ET-30 TOPSIDE CONTROL PANEL OPERATING INSTRUCTIONS

STARTUP

Before turning on the power make sure you have read the Start up instructions on page 6. When your hot tub power is first turned on it will display a series of numbers identifying the software version and the voltage input. It will then go into a 4 minute priming mode indicated by a Pr on the LCD display. During priming mode the Hush Pump will circulate the water through the filter and heating system to allow the temperature to be read. If your tub is not Hush Pump equipped the jet pump will not turn on until the prime mode times out or the button is pressed to time out early. During Prime mode the jet pump can be turned on to make sure they are fully primed and moving water in the hot tub. Do not allow an unprimed jet pump to run for more than 10 seconds. If the fill water temperature is below 44°F/ 7°C, freeze protection will activate all pumps immediately. While the circulation pump is running the display will show a - - indicating current temperature is not known. This will take two minutes. Once temperature is known it will be displayed on the LCD.

TEMPERATURE ADJUSTMENT

The temperature range is 80°F - 104°F /26.0°C – 40.0°C. The default is 100°F/37.5°C. Any temp changes are saved in the system memory if power is interrupted. Press the button to increase or lower the set points. If the is pressed the set point will flash. Each press will move the set point 1 degree. If the set point is moving the wrong direction then stop pressing, let the temperature display stop flashing then press again to move the set point in the other direction. After adjusting the set temp the LCD will revert back to current water temp.

Note: if set temp is lowered more than 3°F/1.5C below current water temp the Hush Pump will stop. The circulation will restart every 30 minutes to check if water temp has come down to set temp. It will also run continually during programmed times.

HEATING MODES

St – ***Standard Mode (Default Mode):*** In Standard Mode the water is always heated to the set temperature. The display will show the temperature always with Hush Pump equipped systems. If non Hush, current water temperature will be shown when the pump is running and – when pump is not running. If your tub is not equipped with a Hush Pump the 2 speed pump will come on every 30 minutes outside of filter cycles to poll for current water temperature. If you do not want this to happen, use the Economy mode below.

Ec – ***Economy Mode:*** In Economy Mode the water is heated only during the filter cycle times. The factory default is F4 - 4 hours, twice a day. If using the Economy mode, you may need to alter these times to make sure the water is at your desired temp during your usual tub use times. The first cycle starts 6 minutes after power is turned on. The display will show the will alternate between Ec and the current temperature.

SL – ***Sleep Mode***: In Sleep Mode the water is only heated to within 20°F/11°C of your set point and the heater only comes on during the programmed filter cycle times. This mode is typically only used for vacation time. The display will alternate between the current temperature and SL.

To change heating modes press the button then the button.

MASSAGE

To activate this jet pump press the button once to activate low speed, twice to activate high speed and three times to turn the pump off. The low speed will turn off automatically after 4 hours and the high speed will turn off after 15 minutes. If the hot tub is Hush Pump equipped, the low speed of the jet pump will come on automatically for 1 minute at the start of each filter cycle to purge the plumbing lines.

LIGHT

To activate this press the button once to turn on and again to turn off. The light will automatically turn off after 4 hours. If your tub has an EverLite™ 6 or any additional lighting features see the instructions in this guide.

TURBO (OPTIONAL)

To activate this press the button once to turn on and twice to turn off. The Turbo will turn off automatically after 15 minutes. The Turbo will come on automatically for 30 seconds at the start of each filter cycle to purge the Turbo plumbing.

SETTING YOUR FILTER CYCLES

Changing filter cycles is not necessary as it comes preset from the factory as outlined in Economy heat mode instructions, but if your tub is not equipped with Hush Pump™ and you want to change them, use the following instructions. Press the then press to bring up F4 keep pressing to select F4, F6, F8 or FC (12 hours). Then press to bring up 2C (two cycles per day). If you want to change press to select 1d (day cycle) and again to select 1n (night cycle). Press to exit programming.

DIAGNOSTIC DISPLAY MESSAGES

	Power to Hot Tub is off
--	Current temperature not known
HH	Possible overheated heater: do not enter Hot Tub
HS	Possible overheated Hot Tub: do not enter Hot Tub
SA	Sensor problem
Sb	Sensor problem
Sn	Sensors out of balance
HL	Possible flow through heater problem
LF	Confirmed flow through heater problem
dr	Possible dry heater problem
dY	Confirmed dry heater problem
IC	Freeze condition sensed

Refer to diagnostic and trouble shooting section starting on page 25 for more detailed information.

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

DO NOT ATTEMPT SERVICE OF THIS CONTROL. CONTACT YOUR RETAIL STORE OR SERVICE PROVIDER FOR ASSISTANCE. FOLLOW ALL OWNER'S GUIDE POWER CONNECTION INSTRUCTIONS. INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN AND ALL GROUNDING CONNECTIONS MUST BE PROPERLY INSTALLED.

WARNING TAMPERING WITH OR MODIFYING THIS EQUIPMENT MAY VOID YOUR GUARANTEE.

WARNING ALWAYS TEST WATER TEMPERATURE PRIOR TO ENTRY USING THE TOPSIDE CONTROL PAD. ENSURE COMFORT BY ALSO CHECKING WATER WITH A THERMOMETER.

BEACHCOMBER'S RECOMMENDED PARAMETERS FOR BALANCED HOT TUB WATER

PH LEVEL:	7.2 - 7.8
SANITIZER LEVEL (CHLORINE OR BROMINE):	3 - 5 PPM
CALCIUM HARDNESS:	150 - 200 PPM
TOTAL ALKALINITY:	100 - 120 PPM
TOTAL DISSOLVED SOLIDS:	NO MORE THAN 1500 PPM

Your dealer may recommend slightly different levels depending on your local source water. Please see your store for more information by taking a water sample in to be analyzed.

Water Care and Chemistry

This is a very important component to protect your hot tub and its equipment. Failure to maintain proper water balance could damage your hot tub and equipment and affect your guarantee. Your retail store can provide you with free water analysis, treatment and home testing products.

SANITIZER LEVEL

Always maintain an adequate sanitizer level. Failure to do so will result in cloudy water, odor and skin or respiratory problems. The ideal range is 3 - 5 ppm. Check daily with test strips or a test kit available from your Beachcomber store.

WARNING ALWAYS LEAVE THE HEATSHIELD OPEN FOR ONE HOUR WHEN SHOCK TREATING THE WATER. THE HIGH LEVELS OF SANITIZER CAN DAMAGE THE UNDERSIDE OF YOUR HEATSHIELD. THIS IS NOT COVERED BY YOUR GUARANTEE.

WARNING DO NOT ALLOW CHILDREN TO USE A HOT TUB WITHOUT ADULT SUPERVISION. PREVENT UNAUTHORIZED CHILD ACCESS TO AVOID THE RISK OF DROWNING.

WARNING DO NOT ENTER A HOT TUB WITHOUT ADEQUATE SANITIZATION/DISINFECTION.

WARNING ALWAYS FOLLOW THE LABEL INSTRUCTIONS ON WATER CARE CHEMICAL BOTTLES.

- Keep out of reach of children;
- Do not mix products together;
- Add one product at a time;
- Add chemical to water, not water to chemicals;
- Store chemicals in a cool, dry place,
- Do not allow liquids to freeze.

PH LEVEL: IDEAL 7.2 - 7.8

This determines the acidity or alkalinity of your water, 7.0 being neutral. Water that is too acidic or too alkaline can damage your hot tub; Test your pH every week or more often if possible. Use ***pH Plus*** or ***pH Minus*** to adjust.

TOTAL ALKALINITY: IDEAL 100 - 120 ppm

Balance total alkalinity to stabilize your pH level, prevent scaling and ensure your sanitizer works at peak efficiency. Use ***Resist*** to increase the level or ***pH Minus*** to lower. Adjust at initial fill and when refilling or topping up.

CALCIUM HARDNESS: IDEAL 150 - 200 ppm

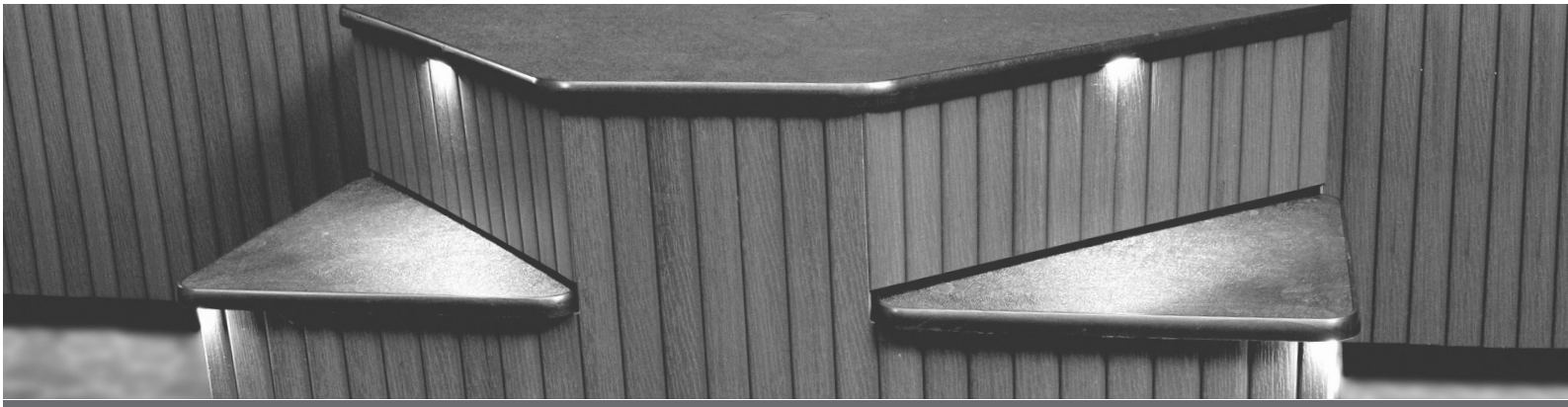
Too high a level can cause cloudy water or scaling on the hot tub surface and heating element. Too low a level can lead to excess foaming in the water. Use ***Protect*** to increase the level, use fresh water dilution to lower. Adjust at initial fill and when refilling.

OTHER IMPORTANT CONDITIONERS

1. Metal and mineral sequestering product must be added to keep any metals or minerals in the water in solution. Use ***Eliminate #1*** at initial fill.
2. Scale inhibitor prevents calcium buildup forming on surfaces in the hot tub. Use ***Eliminate Plus #2*** at initial fill and weekly.
3. Beachcomber's Clarifier agglomerates tiny particles in the water making them easier to be picked up by the Microfilter. It also provides lubrication to seals. Use ***Pure Blue*** at initial fill and weekly.
4. Enzymes, a natural compound, eliminates scum and organic contaminants. Use ***Purezyme #3*** at initial fill and weekly.

Beachcomber offers a full line of recommended water care products to get the most from your Beachcomber Hot Tub. Since 1978, we have been providing Beachcomber owners with custom formulated products to meet the needs of your hot tub. Always follow the directions on product labels.

Now, Beachcomber offers "Judy Scentsations" to add the healing touch of aromatherapy to your hot tub experience. See your Beachcomber store for more details.



EverLite™ 6 Operating Instructions

NOTE: POINTS 1 THROUGH 4 APPLY TO EVERLITE 4. THE EVERLITE 6 INCLUDES ALL SIX POINTS.

1. **Beachcomber Mode A -** *Light will sequence from Red, to Green, to Blue continuously.* Press the light button once to start the **'Beachcomber Mode A'**. 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 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 button once.

ZONED MODE

5. **Beachcomber Mode B -** *All lights above waterline, (including Eclipse Lighting, and Waterfall Light), 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 button once.

ZONED MODE

6. **Beachcomber Mode C -** *All lights below waterline are turned on, while all lights above water, (including Eclipse Lighting, and Waterfall Light), 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 button once.

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

Hot Tub Care and Maintenance

CLEANING OF THE ACRYLIC SURFACE

The acrylic surface is very easy to maintain and care for. Use ***Tub Clean*** to remove water level scum lines with warm water and a damp cloth; wipe down, avoiding contact with the water as Tub Clean can cause foaming.

HEATSHIELD

As with any vinyl product that is exposed to the weather, the better the care, the longer it will last. Use a mild dish soap solution to remove dirt on the Heatshield and then treat the vinyl by applying ***Cover All*** as per the label. Avoid application in the hot sun.

HOT TUB CABINETRY AND STEPS

The cabinet and step of your hot tub is made from a synthetic plastic called Enviroskirt™. If dirty, simply wipe down with a mild soap solution and rinse well. If your hot tub cabinet is natural cedar and you want to keep it looking new, use Beachcomber's "Nu Wood Stain" Clear once a year. If the cedar is weathered some, use Nu Wood Natural or Twilight to bring back the color. Prior sanding with 100 grit sandpaper may be necessary if weathering is advanced.

WARNING NEVER USE A CLEANER THAT CONTAINS AMMONIA. THIS COULD DAMAGE YOUR ACRYLIC SURFACE. DO NOT LEAVE THE HOT TUB EMPTY AND THE ACRYLIC EXPOSED TO HOT SUN. ALWAYS PUT THE HEATSHIELD BACK ON THE HOT TUB WHEN IT IS NOT IN USE.

WARNING NEVER USE AN ABRASIVE CLEANER FOR CLEANING THE ENVIROSKIRT™ CABINET AS THIS WILL DAMAGE THE FINISH.

PLASTIC COMPONENTS

The jets should be removed periodically and rinsed out to remove debris from the spinning assemblies. If calcium build-up is present, soak the parts in Filter Cure to loosen the calcium and then scrub with a brush and rinse off. If a lot of hair and debris is present on suction covers located in the foot well, this can reduce water flow to the pumps. Manually remove when the hot tub is empty or full.

Operation of Hot Tub Interior Features

MASSAGE INSERTS OR JETS

The jets in a Beachcomber Hot Tub are known as Energ-Jets™ in three sizes; small, medium and large. They are interchangeable within the same sizes. ***See figure 9.*** Simply turn them counter clockwise until they click and pop out. To re-install, line up the small protrusion on the back of the face plate with the slot on the white WaterPort and then turn clockwise and push in until they click in. The jets can also be individually turned off/on. Simply turn clockwise to turn off the water flow and counter clockwise to turn on water flow.

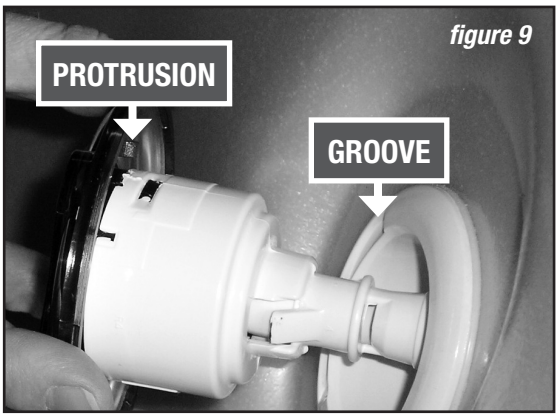


figure 9

To turn on the neck jet, turn counter clockwise to turn on and clockwise to turn off. If this jet does not turn off then carefully pry the face plate off with a flat head screw driver, and screw the internal portion back in by hand. Then pop the face plate back on and turn it clockwise to tighten in the internal portion.

AIR CONTROL VALVES

There are two air control valves located on either side of the touch pad. ***See Figure 10.*** In the six o'clock position they are off, meaning no air can be drawn to the jets. To allow air to be drawn in, turn the lever to the 2 o'clock position. On 300, and 500 series hot tubs the left air control services the seat jets on the left of the hot tub and jets in the foot well. The right air control services seat jets on the right side of the hot tub. These air controls improve the massage experience in your hot tub by adding more turbulence to the water flow.

On the 300 and 500 series hot tubs with the Reflex Foot Massage (RFM) option, the right air control services the RFM jets when the water flow is diverted to them and the left air control services all the seat jets. On the 700 series, 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. On all models more air is drawn in when the jet pump is on high speed than when the pump is on low speed.

figure 10

RFM DIVERTER VALVE

The purpose of this valve is to divert water flow between either the RFM foot jets or the seat jets. ***See figure 11***. 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.

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.

figure 11

QUINTESSENTIAL SURROUND SOUND SYSTEM™ (OPTIONAL)

If your hot tub is equipped with the QSS feature, simply lift up the front cover, insert your CD or select a radio station, then select a volume level between 28-34. If you purchased the optional remote, see the remote control reference card for operation instructions. The remote is water resistant but not meant to be left in the water for storage. If you have the optional QSS Plus™ System the CD player fader control should be left in the zero position. For more in depth instruction on the CD player, see your CD Player owners manual.

HOT TUB LIGHTING

All Beachcomber Hot Tubs come standard with either a 12 volt incandescent light or an EverLite™ LED light. To replace either unit, drain your tub and locate your lens removal tool to unscrew the light lens. Carefully pull out the light and replace with a new one. Screw the lens back in until tight, but do not over tighten.

WATERFALL (OPTIONAL)

If your hot tub is equipped with a waterfall feature, there is a top side control valve to increase or decrease the amount of water flow. The Waterfall feature receives its flow from the Hush Pump™ or 2 speed circulation pump.

TURBO (OPTIONAL)

The purpose of the Turbo Option is to increase the amount of air that comes out of the jets. The benefit is a dramatic increase in the feel of the jet pressure and more turbulence in the water. If the Turbo is activated and the air controls are closed, the air from the Turbo will come out of the 4 salt shaker relief jets found in the foot well of the hot tub.

OZONE GENERATOR (OPTIONAL)

Your hot tub may be factory equipped with an ozonator unit, or factory pre-plumbed to accept the installation of an ozonator. Ozone gas is produced to oxidize organic contaminants in the water. It is not designed to replace your sanitizer.

The Ozonator is equipped with a small viewing window. When ozone gas is produced, the window shows a purple glow, best seen at night. This diminishes over time. When no purple glow is seen during filtration cycles (not heating cycles), the chip will require replacement. The chip is rated at 9000 hours.

WARNING NO USER SERVICEABLE PARTS. DO NOT ATTEMPT TO SERVICE THIS OR ANY OTHER PART OF YOUR BEACHCOMBER HOT TUB EQUIPMENT PAK. CONTACT YOUR LOCAL STORE FOR SERVICE AND/OR REPLACEMENT. DO NOT VIEW THE UV BULB IN OPERATION. UV RAYS CAN CAUSE IRRITATION AND/OR BLINDNESS.

WARNING THE USE OF AN OZONATOR OR CLEARTECH UV UNIT IS NOT A REPLACEMENT FOR A WATER SANITIZING PROGRAM. FAILURE TO PROPERLY SANITIZE HOT TUB WATER CAN CAUSE IRRITATION AND/OR DISEASE.

CLEARTECH UV WATER CARE SYSTEM (OPTIONAL)
Your hot tub may be equipped with ClearTech. This unit uses a specialized ultra violet light bulb which produces UV light. Bacteria are destroyed as the water passes through the tube and under this light. The UV bulb is rated at 15,000 hours. The glass sleeve covering the bulb should be inspected and cleaned (if necessary) at each drain and fill. For service or replacement, consult your Beachcomber store.

HUSH PUMP™
The Hush Pump is a very quiet, low amperage, 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.

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:

$$\frac{\text{\# DAYS = 1/3 (VOLUME IN US GALLONS)}}{\text{MAX \# OF DAILY BATHERS}}$$

Before draining, check the sanitizer level. It should not be above 1.0 ppm, to ensure no harm is done to the surrounding environment. If sanitizer level is high, use Beachcomber's ***Neutr-All*** as directed on the label.

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 in behind the door on a Portable model or under the step on the Hybrid Edition.
   See Figure 12. 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, 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 your garden hose, then attach the female end to your tap and refill.

figure 12

Vacation Instructions

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

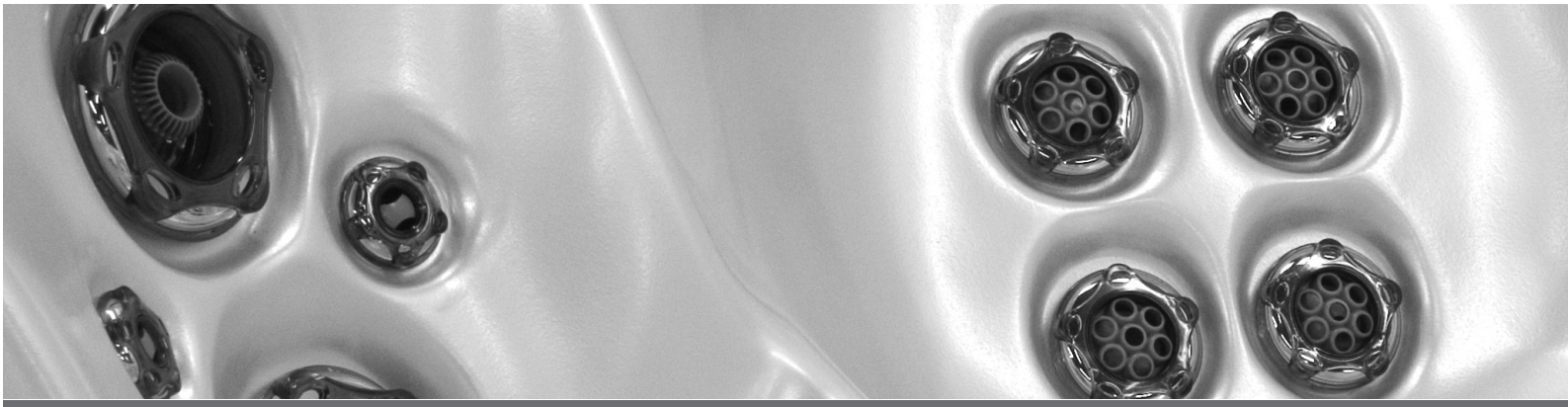
1. Check and adjust pH level if necessary.
2. Shock-treat the water to raise the sanitizer level. Leave the hot tub Heatshield half open for 1 hour.
3. Lower the water temperature to the minimum setting (optional).
4. Lock your Heatshield on the hot tub to maintain a safe environment for pets or children. 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. Lower the set temperature to 80ºF/26.5ºC. Sanitizers may last longer in cooler water.
2. Check and adjust pH and 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 ***Mini Disc*** 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 do the following:

1. Check pH and sanitizer level and adjust if necessary.
2. Return temperature setting to your desired level.

Winter Operation Information

All Beachcomber Hot Tubs have built in freeze protection for their equipment. If your hot tub is not Hush Pump™ equipped, the freeze protection will activate the pump(s) high speed for approximately 2 minutes if a temperature of 50˚F/10˚C or below is detected at the heater housing. If your hot tub is Hush Pump™ 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 50˚F/10˚C or if your hot tub is filled with water that is 50˚F/10˚C or lower. There is also a small water line that runs from pump to pump that assists in the freeze protection by increasing circulation.

WINTER PRECAUTIONS

If your equipment is not working during freezing temperatures you should first try to contact your local Beachcomber store. Some stores have an emergency number for winter. If you can not contact your store, call Beachcomber North American Customer Care at 1-800-663-6557 from 8:00 - 4:30 PST.

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 but it must be removed once the freezing weather is no longer present.

In the event of a prolonged power outage, first shut off the power at the main panel. Close the knife valves ***(see figure 4)*** 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.

Shutdown Procedures

Beachcomber encourages the use of your hot tub year round, but if you prefer not to use your hot tub for periods longer than 14 days, you need to do a proper shut down.

Do the following:

1. Drain the hot tub as outlined in this Guide.
2. Unscrew all union nuts on the front of the pump(s) to allow any water in the external lines to drain out. Retain the gaskets found at these locations, along with the equipment.
3. Locate and remove the small black slotted drain plugs found on the front of the pump(s) below the union nuts from step 2. or remove the small braided hose from the barbed fitting on the front of the Hush Pump™.

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 in heavy snow by placing a 4x8 sheet of 3/4" plywood on top of the Heatshield.

Do's and Don'ts

DO'S

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 Beachcomber store. Or, call 1.800.663.6557 from 8:00 am - 4:30 pm PST.
3. Follow water care instructions and guidelines. Failure to do so can result in damage or problems 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 at least once a week if the hot tub is used daily.
8. Always check the water temperature before entry.

DON'TS

1. Don't enter your hot tub if the sanitizer level is not adequate. This can cause respiratory and skin problems or disease.
2. Don't walk on, sit on or put heavy weight on the Heatshield cover. This can cause the foam inserts to break.
3. Don't leave the hot tub exposed to the sun if empty. Always cover the hot tub with your Heatshield.
4. Don't allow use of the hot tub by children without adult supervision.
5. Don't attempt to repair or service equipment. Consult your Beachcomber store.
6. Don't attempt to drain and refill your hot tub during freezing temperatures.
7. Don't use glassware in or around your hot tub.
8. Don't enter a hot tub if the temperature is higher than 104^0 F/40^0 C.
9. Don't operate the hot tub with an inadequate water level.

Diagnostic Display Messages & Trouble Shooting Guide

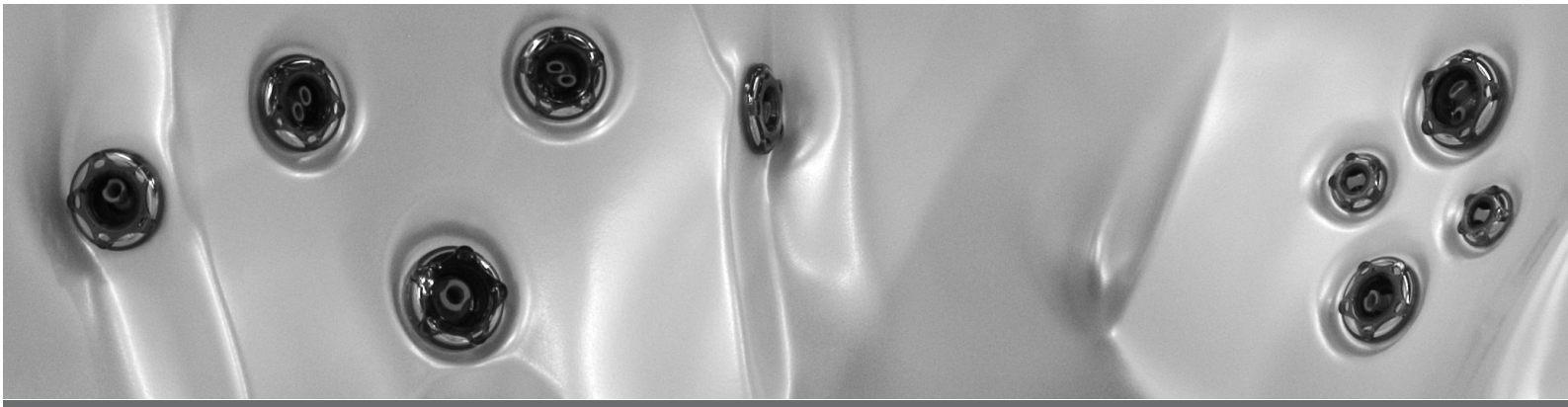
MESSAGE	MEANING	ACTION REQUIRED
	No message on display. Power has been shut off to hot tub. GFCI breaker is on but the control panel is blank. System fuse(s) are blown.	The control panel will be disabled until power returns. System resets time of day on each power-up. Hot tub settings are preserved. Call your store for service.
OHH **or** HH	"Overheat"- The hot tub has shut down. One of the sensors has detected 118°F/47.8°C at the heater.	DO NOT ENTER THE WATER. Remove the Heatshield cover and allow water to cool. Once the heater has cooled, reset by pushing any button. Check to see if the knife valve on return side of the heater is closed, if closed ensure that all knife valves are in the up or open position. If hot tub does not reset, shut off power to the hot tub and call your Beachcomber store.
OHS **or** OH	"Overheat"- The hot tub has shut down. One of the sensors has detected that the hot tub water is 110°F/43.3°C.	DO NOT ENTER THE WATER. Remove the hot tub Heatshield and allow water to cool. At 107°F/41.7°C. the hot tub should automatically reset. Follow action required for "OHH". If hot tub does not reset, shut off power to the hot tub and call your store.
ICE **or** IC	"Ice"- Potential freeze condition detected.	No action required. The Pumps and blower will automatically activate regardless of hot tub status.

Diagnostic Display Messages & Trouble Shooting Guide, cont'd.

SnA **or** SA	Hot tub is shut down. The sensor that is plugged into the sensor "A" jack is not working.	If the problem persists, contact your store. (May appear temporarily in an overheat situation and disappear when heater cools.)
Snb **or** Sb	Hot tub is shut down. The sensor that is plugged into the sensor "B" jack is not working.	If the problem persists, contact your store for service.
SnS **or** Sn	Sensors are out of balance. If this is alternating with the temperature, it may just be a temporary condition. If the display shows only this message (periodically blinking), The hot tub is shut down.	If problem persists, contact your store for service. Follow action required for "SnA".
HFL **or** HL	A substantial difference between the temperature sensors was detected. This could indicate a flow problem.	Check water level in hot tub. Refill if necessary. If the water level is okay, make sure the pumps have been primed. If problem persists try these solutions: ***Microfilter is dirty:*** Turn power to tub off at GFCI or power disconnect, remove Microfilter and clean or replace. ***Air lock in system:*** Locate air bleed thumb screws and open partially to release air in piping. ***Debris in Hush Pump™:*** Call your store for service or shut down system, close all knife valves and remove face plate from Hush Pump™ to remove debris. ***Circulation pump failed or frozen:*** If freezing suspected, place trouble light or space heater around equipment to thaw out pump and external piping and call your store for service.
LF	Persistent low flow problems. (Display on the fifth occurrence of the "HFL" message within 24 hours. Heater is shut down, but the other hot tub functions continue to operate normally.	Follow action required for the "HFL" message. Heating capacity of the hot tub will not reset automatically; you may press any button to reset.
dr	Possible inadequate water flow detected in heater after 7 second heater test.	Check that all knife valves are open then, check water level in hot tub. Refill if necessary. If the water level is okay, make sure the pumps have been primed. Press any button to reset.
dry **or** dY	Confirmed inadequate water flow detected after 7 second heater tests.	Use same action as DR. Make sure circulation pump is running. If circulating pump is not running call your store for service.
Pr	When your hot tub is first actuated, it will go into priming mode.	The Priming Mode will last up to 4 minutes and then the hot tub will begin to heat and maintain water temperature in Standard Mode.
--F / --C	Temperature unknown.	After the pump has been running for 2 minutes, the temperature will be displayed.
Std/ St **STANDARD**	The hot tub is operating in Standard Mode.	No action required. Refer to Heating modes page to change this mode.
Ecn/ Ec **ECONOMY**	The hot tub is operating in Economy mode.	No action required. Refer to Heating modes page to change this mode.
SLP/ SL **SLEEP**	The hot tub is operating in sleep heating mode.	No action required. Refer to Heating modes page to change this mode.

Hot Tub Operation Troubleshooting Guide

PROBLEM SYMPTOM	MOST LIKELY CAUSE	SOLUTION
G.F.C.I. breaker will not stay on or trips intermittently.	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.
Jet pump is surging on high speed.	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™ equipped hot tub.	Install plug in basket, insert from top of basket.
	RFM jet nozzles are pointed toward small suction fitting in foot well.	Redirect nozzles away from the small suction fitting. Turn off all air control for RFM jets.
Neck jet does not shut off.	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.
QSS Remote control is not operating the jets and light functions from in the hot tub.	Remote batteries are low.	Replace battery.
	Remote signal booster behind eye on tub wall has a problem.	Call store for service.
QSS remote control is not operating CD player functions from in the hot tub but will operate from out of the hot tub.	Remote is not being pointed at eye on tub wall properly.	Point front of remote directly at the eye or hold closer to eye.
	Emitter on popup window has come off.	Re-attach emitter to the popup window with silicone, double-sided tape or crazy glue. Refer to CD Player manual for location of the remote eye.
Remote control does not work, CD Player functions pointing at CD player.	Batteries need replacing. Remote control is defective.	Replace batteries or see your Beachcomber store.



THE BEACHCOMBER GUARANTEE

Since 1978, Beachcomber Hot Tubs has been building the finest quality hot tubs worldwide. We have taken a leadership position with our Beachcomber Guarantee that every hot tub we build is guaranteed to be free of defects. Beachcomber Hot Tubs is a family owned and operated business with hundreds of thousands of happy customers. All of our customers enjoy a worry-free, Beachcomber Certified Guarantee of Ownership, with no fine print. Your Beachcomber store will register your Guarantee for you when you make your hot tub purchase.

LIFETIME SHELL STRUCTURAL GUARANTEE

Beachcomber guarantees to the original owner that the structural laminated fiberglass composition of your hot tub will never leak. If a failure occurs, we will supply the materials and technical labor for the repair.

5 YEAR ACRYLIC SURFACE GUARANTEE

Beachcomber guarantees that the hot tub's acrylic finish will be free from defects in materials and workmanship for five years. If a failure occurs, we will supply the materials and technical labor for the repair.

100% COMPONENT GUARANTEE

Beachcomber guarantees the following factory installed components: management system, massage pumps, Hush Pump™, motors, heater element assembly, control panels, EverLite, Eclipse Lighting, Guiding Lite, Garden EverLite, Enviroskirt Cabinetry, Ozone Generator, ClearTech UV System, Quintessential Surround Sound music system, internal and external plumbing and light lenses, will be free from defects in materials and workmanship for two years. If a failure occurs we will supply the materials and technical labor for the repair. An ozone generator uses consumable corona discharge chips that are not covered under the Guarantee. The ClearTech UV System uses consumable bulbs that are not covered under the guarantee.

100% EXCHANGE GUARANTEE

Beachcomber guarantees that the factory supplied hot tub Heatshield cover, jetting massage inserts, steps, filter baskets,
Microfilter lid and remote controls will be free from defects in materials and workmanship for two years. If a failure occurs, you can exchange the failed component at your local Beachcomber store.

100% OWNER TRANSFER OPTION

The remaining portion of the Beachcomber Guarantee is transferable to a new owner for a small fee, once in the life of the Guarantee. It is the new owner's responsibility to contact a Beachcomber representative to arrange for 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.

SIMPLICITY GIVES YOU PEACE OF MIND

We started Beachcomber in the late 70's, in a small farming community just a few miles from the USA border. It was a late, rainy evening that a small team worked hard to create the first Beachcomber Hot Tub, from that day forward we had a desire to create the finest quality products, with good, simple design in form, fit and function. That's how Beachcomber began and we still hold true to the same solid values as a family owned company today, staying focused on building a hand made quality product with a strong Guarantee.

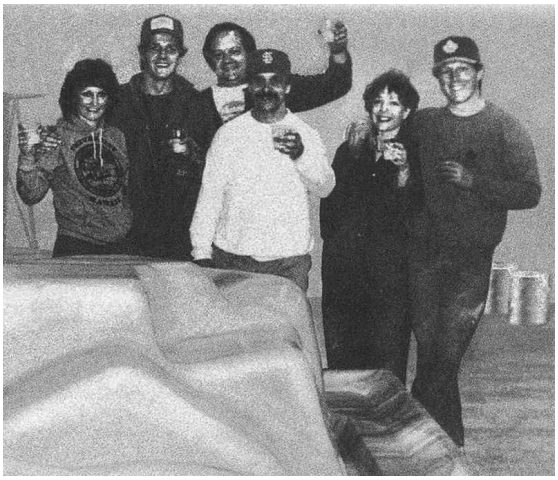
EASY GUIDELINES TO ENSURE GUARANTEE PERFORMANCE

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 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.

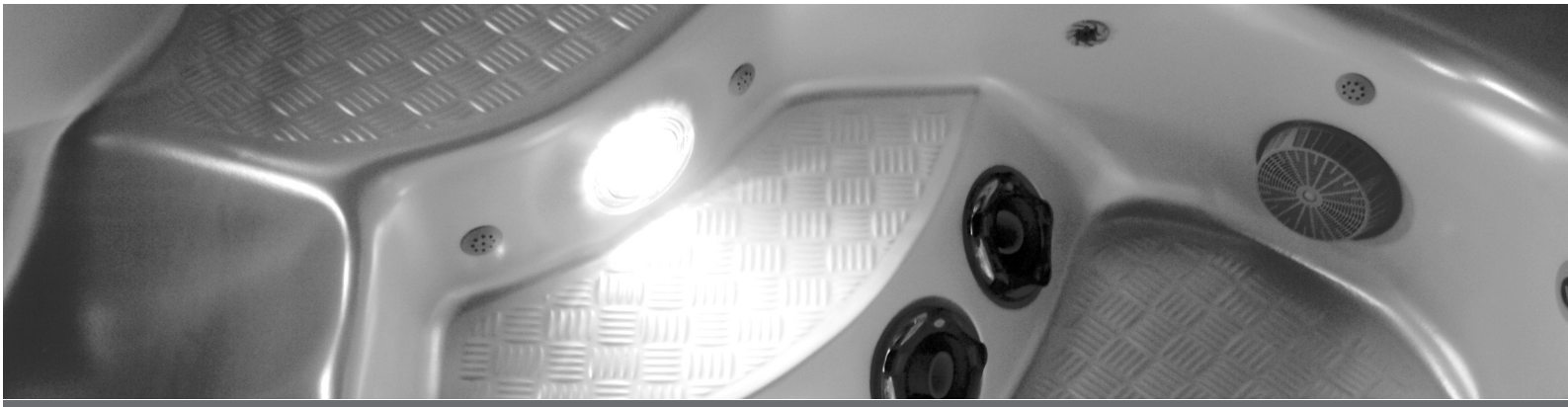
If Beachcomber determines that repair of the hot tub is not feasible, we reserve the right to provide a replacement hot tub equal in value to the original purchased price. In this case the owner is responsible for expenses including removal, shipping and re-installation of the existing or replacement 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, fixtures and the Heatshield Cover. Beachcomber Hot Tubs installed for commercial applications are excluded from all Guarantee coverage.
The Beachcomber Guarantee can not 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. This Beachcomber Guarantee is valid for hot tubs sold after November 1st, 2008, only in the country of purchase. Service after the sale is the responsibility of the dealership from whom you purchased the Beachcomber Hot Tub. All Guarantees are registered online by your Beachcomber store. Ask them for confirmation of your Guarantee Registration; check our website within 30 days to confirm your registration, in the customer care section: www.beachcomberhottubs.com.



Celebrating the first Beachcomber Hot Tub in 1978.



THE BEACHCOMBER PREMIUM GUARANTEE
Available in North America only. Available at time of sale; see your Beachcomber store for details.

Since 1978, Beachcomber Hot Tubs has been building the finest quality hot tubs worldwide. We have taken a leadership position with our Beachcomber Guarantee that every hot tub we build is guaranteed to be free of defects. Beachcomber Hot Tubs is a family owned and operated business with hundreds of thousands of happy customers. All of our customers enjoy a worry-free, Beachcomber Certified Guarantee of Ownership, with no fine print. Your Beachcomber store will register your Guarantee online for you when you make your purchase.

LIFETIME SHELL STRUCTURAL GUARANTEE

Beachcomber guarantees to the original owner that the structural laminated fiberglass composition of your hot tub will never leak. If a failure occurs, we will supply the materials and technical labor for the repair.

5 YEAR ACRYLIC SURFACE GUARANTEE

Beachcomber guarantees that the hot tub's acrylic finish will be free from defects in materials and workmanship for five years. If a failure occurs, we will supply the materials and technical labor for the repair.

100% COMPONENT GUARANTEE

Beachcomber guarantees the following factory installed components: management system, massage pumps, Hush Pump™, motors and control panels will be free from defects in materials and workmanship for five years. If a failure occurs, we will supply the materials and technical labor for the repair.

5 YEAR ENERGY SAVER HEATER GUARANTEE

Beachcomber guarantees that the Energy Saver Heater Element Assembly will be free from defects in materials and workmanship for five years. If a failure occurs, we will supply the materials and technical labor for the repair.

5 YEAR NO LEAK PLUMBING GUARANTEE

Beachcomber guarantees against leaks caused by defects in materials and workmanship for five years. This Guarantee covers leaks from internal and external plumbing and light lenses. If a failure occurs, we will supply the materials and technical labor for the repair.

5 YEAR ENVIROSKIRT GUARANTEE

Beachcomber guarantees that the Enviroskirt cabinetry will be free from defects in materials and workmanship for five years. If a failure occurs, we will supply the materials and technical labor for the repair.

SIMPLICITY GIVES YOU PEACE OF MIND

We started Beachcomber in the late 70's, in a small farming community just a few miles from the USA border. It was a late, rainy evening that a small team worked hard to create the first Beachcomber Hot Tub, from that day forward we had a desire to create the finest quality products, with good, simple design in form, fit and function. That's how Beachcomber began and we still hold true to the same solid values as a family owned company today, staying focused on building a hand made quality product with a strong Guarantee.

EASY GUIDELINES TO ENSURE GUARANTEE PERFORMANCE

To receive service from an qualified Beachcomber service representative, your hot tub must be registered and you may be asked to provide an original bill of sale. Your Beachcomber Premium 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 tub is not feasible it reserves the right to provide a replacement tub equal in value to the original purchased price. In this case the owner is responsible for expenses including removal, shipping and re-installation 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 and fixtures. Beachcomber Hot Tubs installed for commercial applications are excluded from all Guarantee coverage. The Beachcomber Premium Guarantee can not 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. This Beachcomber Premium Guarantee is valid only in the country of purchase. Premium Guarantee must be purchased and registered within 30 days of the original purchase.

Service after the sale is the responsibility of the dealership from whom you purchased your Beachcomber Hot Tub. All Guarantees are registered online by your Beachcomber store. Ask your store for the confirmation of your Guarantee Registration.

Keith and Judy Scott, founder of Beachcomber Hot Tubs

Confirm your Beachcomber Premium Guarantee On Line!

In order to confirm that your Premium Guarantee has been properly registered, you must log on to our website within 30 days of your hot tub purchase. Confirming your hot tub serial number with the Beachcomber Factory will ensure that you have the coverage that you purchased from your local store.

www.beachcomberhottubs.com

Log on to our website, select "Customer Care ⇨ Our Guarantee" and click the **Premium Guarantee** link to input your serial number.

If you do not see your serial number listed as being registered for the Premium Guarantee, call:

North American Customer Care, 1-800-663-6557

IMPORTANT INFORMATION FOR THE QUINTESSENTIAL SURROUND SOUND SYSTEM

CAUTION – RISK OF ELECTRIC SHOCK. DO NOT LEAVE COMPARTMENT DOOR OPEN.

CAUTION – RISK OF ELECTRIC SHOCK.

REPLACE COMPONENTS ONLY WITH IDENTICAL COMPONENTS AND DO NOT OPERATE THE AUDIO CONTROLS WHILE INSIDE THE HOT TUB.

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.

Turn power off

Turn off power to the hot tub and seek assistance from qualified personnel if any of these conditions exist:

- power supply connections or cord is damaged;
- water entering the audio unit compartment;
- water entering any part of the hot tub equipment or management system;
- protective shield showing any sign of deterioration;
- or signs of damage or deterioration to your hot tub.

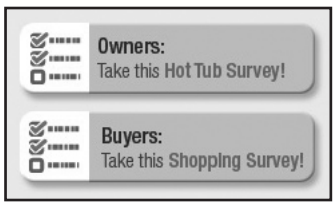
WARNING PREVENT ELECTROCUTION. DO NOT CONNECT ANY AUXILIARY COMPONENTS SUCH AS CABLE, ADDITIONAL SPEAKERS, HEADPHONES OR ADDITIONAL AUDIO/VIDEO COMPONENTS TO THE SYSTEM.

TAKE PART IN AN ONLINE SURVEY

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:

www.beachcomberhottubs.com

Thank you for your time!



Hot Tub Care Details Chart

MODEL	WATER CAPACITY	DRY WEIGHT	FILLED WEIGHT
750	437 US gallons / 1654 litres	800 lbs / 363 kg	4446 lbs / 2017 kg
740	403 US gallons / 1525 litres	800 lbs / 363 kg	4162 lbs / 1888 kg
738	430 US gallons / 1628 litres	750 lbs / 340 kg	4337 lbs / 1968 kg
725	335 US gallons / 1268 litres	675 lbs / 306 kg	3470 lbs / 1574 kg
720	362 US gallons / 1370 litres	675 lbs / 306 kg	3695 lbs / 1676 kg
580	430 US gallons / 1628 litres	725 lbs / 329 kg	4312 lbs / 1956 kg
578	362 US gallons / 1370 litres	650 lbs / 295 kg	3670 lbs / 1665 kg
550	380 US gallons / 1438 litres	650 lbs / 295 kg	3820 lbs / 1733 kg
540	300 US gallons / 1136 litres	600 lbs / 272 kg	3103 lbs / 1408 kg
538	335 US gallons / 1268 litres	600 lbs / 272 kg	3395 lbs / 1540 kg
520	175 US gallons / 662 litres	425 lbs / 193 kg	1885 lbs / 855 kg
380	418 US gallons / 1582 litres	725 lbs / 329 kg	4212 lbs / 1911 kg
360	345 US gallons / 1306 litres	650 lbs / 295 kg	3528 lbs / 1601 kg
350	375 US gallons / 1419 litres	650 lbs / 295 kg	3778 lbs / 1714 kg
340	300 US gallons / 1136 litres	640 lbs / 290 kg	3143 lbs / 1426 kg
321	242 US gallons / 916 litres	425 lbs / 193 kg	2444 lbs / 1109 kg

Beachcomber Hot Tub Care and Maintenance Record

DATE	CLEAN MICROFILTER	SOAK MICROFILTER	DRAIN AND REFILL HOT TUB	CLEAN COVER	WATER SAMPLE TO STORE
1-					
2-					
3-					
4-					
5-					
6-					
7-					
8-					
9-					
10-					
11-					
12-					

Please photocopy this page if needed.

NOTES

NOTES

“From my family to yours, thank you for your trust and confidence in Beachcomber Hot Tubs.”

My 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.

Yours truly,

Keith and Judy Scott, Founders of Beachcomber Hot Tubs

beachcomber
HOT TUBS

2092005 June 1/2009

www.beachcomberhottubs.com

the green hot tub company™