



———— 2023 ————
OASIS PACKAGE

Oasis E7B

Oasis E8B

Oasis E7L



CONGRATULATIONS!

YOU'RE ALMOST READY TO ENJOY YOUR NEW SPA!

Before you begin to enjoy your spa, please take a moment to submit your spa warranty. For registering your spa, you will need the spa serial number. Picture below will help you locate the serial number on your spa.



You can register your spa by using below link.

<https://coastspas.microsoftcrmportal.com/>

FOR YOUR REFERENCE

Spa owner name: _____

Address: _____

Contact: _____ Email: _____

Spa Serial number: _____ Purchase Date: _____

Delivery Date: _____ Dealer Name: _____

Contact your spa selling dealer if you have any queries related to your Oasis spa. Coast Spas authorized dealers are trained professionals who can assist you with spa parts, setup, operations, maintenance, and technical support.

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PLEASE READ YOUR ENTIRE OWNER'S MANUAL BEFORE SPA OPERATION



Basic Information

Water Care

IMPORTANT: Caring for your water by ensuring proper chemical usage is the single most important thing you can do to keep your Oasis spa in good condition.

WARNING: Improper chemical usage and maintenance will quickly lead to severe issues with your spa and can affect the spa equipment, jets, pumps, and all other components in contact with the spa water.

All spas are susceptible to damage from unbalanced spa water.

Always maintain your water chemistry within the following parameters.

pH	7.2 - 7.8
Chlorine	1.0 - 3.0 ppm
Bromine	2.0 - 5.0 ppm
Total Alkalinity	100 - 120 ppm
Calcium Hardness	150 - 250 ppm

Electrical

All self-contained spas use 120VAC or 240VAC electrical spa packs.

120VAC: requires an isolated 15 Amp circuit breaker, an isolated circuit with no other appliances or lights on the circuit at any time. Extension cords are not to be used in conjunction with the operations of the spa. Low voltage damage could result, and this is not covered under warranty. **IMPORTANT:** spas with 110V means that the jets and heater will not work at the same time.

Note: All components must be 120V. No 240V components allowable.

240VAC: Depending on the model of the spa, it will require either a 40, 50, or 60 Amp dedicated circuit breaker with the proper wire size (gauge) based on the length of the run.

The electrical circuit must be installed by a certified electrician and approved by a local building or electrical inspector.

Surface

Your new portable spa must be placed on a solid, level surface so that the weight is supported uniformly. We recommend no less than a 3" (93 mm) thick concrete slab. Wood decking or balconies must be constructed to support 150 pounds per square foot (730 kg/m²). Refer to the local and current building codes in your area. Should your new spa need to go through the gate or space –restricted area, ensure you've communicated those limitations with your dealer to avoid delivery complications.

NOTE: Damage caused by alternate decking methods may void the spa warranty. Contact your dealer if you have any questions regarding spa location and placement.

Transport

Your new spa has left the factory cleaned and polished and ready to begin operation after passing our many quality and operational tests. However, depending on your location in the world, your spa may have spent days or even weeks in transit before arriving at your home. Please ensure that before filling or operating your spa that you check all electrical and plumbing connections are securely connected in the equipment area as they might have loosened during shipping. If any dirt has accumulated, you will want to remove with a clean cloth or sponge using warm water.

IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY

DANGER: Risk of Injury. The suction fittings in the Oasis 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 the 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.

DANGER: Risk of Accidental Drowning. Do not allow children to be in or around the spa without adult supervision. Keep the Oasis spa cover on and locked when not in use. See instructions enclosed with the cover for locking procedures.

DANGER: Risk of Electrical Shock. The electrical supply for this product must include a suitably rated switch or circuit breaker to open all ungrounded supply conductors to comply with section 422-20 of the National Electrical Code, ANSI/NFPA 70. The disconnect must be readily accessible and visible to the spa occupant but installed at least 5 feet (1.5 m) from the Oasis spa water.

READ, FOLLOW AND SAVE THESE INSTRUCTIONS

- a) A green colored terminal or a terminal marked G, Gr, Ground, Grounding, or the 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 electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors that supply this equipment.
- b) At least two lugs marked "Bonding Lugs" are provided on the external surface or on the inside of the supply terminal box compartment. To reduce the risk of electric shock, connect the local common bonding grid around the spa to these terminals with an insulated or bare copper conductor no smaller than No. 6 AWG.
- c) All field-installed metal components such as rails, ladders, drains or other similar hardware within 5 feet (1.5 m) of the spa shall be bonded to the equipment grounding bus with copper conductors no smaller than No. 6 AWG.

WARNING: To Reduce the Risk of Injury: The water in a spa should never exceed 104 °F (40 °C). Water temperatures between 100 °F (38 °C) and 104 °F (40 °C) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and

when spa use exceeds 10 minutes. 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 spa water temperatures to 100 °F (38 °C). If pregnant, please consult your physician before using a spa. Before entering the spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices may vary as much as +/- 5 °F (2 °C). Persons suffering from obesity or a medical history of heart disease, low or high blood pressure, circulatory system problems or diabetes should consult a physician before using the spa.

CAUTION: Risk of Hyperthermia: Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6 °F (37°C). The symptoms of hyperthermia include drowsiness, lethargy, and an increase in the internal temperature of the body. Prolonged immersion in hot water may induce hyperthermia. A description of the causes, symptoms, and effects of hyperthermia are as follows:

- 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: Children should not use the spa without adult supervision.

WARNING: Do not use the spa unless all suction guards are installed to prevent body and hair entrapment.

WARNING: People with infectious diseases should not use a spa.

WARNING: To avoid injury, exercise care when entering or exiting the spa.

WARNING: Do not use drugs or alcohol before or during the use of a spa to avoid unconsciousness and possible drowning. The use of alcohol or drugs can greatly increase the risk of fatal hyperthermia in spas.

WARNING: Pregnant or possibly pregnant women should consult a physician before using a spa.

WARNING: Water temperature more than 38 °C (100 °F) may be injurious to your health. Before entering the spa, measure the water temperature with an accurate thermometer.

WARNING: Do not use the spa immediately following strenuous exercise.

WARNING: Prolonged immersion in a spa may be injurious to your health.

WARNING: Do not permit electric appliances (such as lights, telephone, radio, television, etc.) within 5 feet (1.5m) of the spa unless such appliances are built-in by the manufacturer.

WARNING: People using medication and/or having an adverse medical history should consult a physician before using a spa.

WARNING: To avoid injury, exercise care when entering or exiting the spa.

WARNING: Maintain water chemistry in accordance with the manufacturer's instructions.

WARNING: The equipment and controls shall be located no less than 1.5 meters horizontally from the spa.

CAUTION: Observe a reasonable time limit when using the spa. Long exposures at higher temperatures can cause high body temperature. Symptoms may include dizziness, nausea, fainting, drowsiness, and reduced awareness. These effects could possibly result in drowning.

CAUTION: Enter and exit the spa slowly. Wet surfaces can be very slippery.

CAUTION: Proper chemical maintenance of spa water is necessary to maintain safe water and prevent possible damage to spa components. Maintain water chemistry in accordance with manufacturer's instructions.

CAUTION: Use the straps and clip tie downs to secure the cover when not in use. This will help to discourage unsupervised children from entering the spa and keep the spa cover secure in high-wind conditions. There is no representation that the cover, clip tie-downs, or actual locks will prevent access to the spa.

CAUTION: For exercise, the water should not exceed 90 °F (32 °C).

GLOSSARY OF TERMS



AIR CONTROL: Mounted generally on the lip of the spa, it induces warm air from the equipment enclosure into the jet stream through venturi action.



WATER DIVERTER: The large diverter is used to divert water to various seats in the spa.



FILTER AIR RELIEF VALVE: Located on top of filter housing. Used to release air from the filter.



SKIMMER BLEEDER VALVE: Located inside the skimmer area or on the spa wall, needs to be loosened while filling the spa. This will help eliminate air from being trapped in the spa equipment.



OZONATOR: Available as an option. The ozonator produces natural ozone through the Corona Discharge process. Continuous use of an ozonator can dramatically reduce sanitizer consumption.



CONTROL BOX (PACK): Basically the "heart" of the spa. Power is distributed to any/all functions of the spa: pumps, ozonator, LED lighting, heater element, etc.



DIGITAL CONTROL PANEL beautifully recessed into the spa acrylic and accented with a brushed metal band that borders the edge of the color touchscreen panel.



EQUIPMENT ENCLOSURE: An enclosure that houses the control box, pump(s) and other electrical components.



FILTER: The filter cleans the spa by passing water through a filter cartridge where debris and impurities are removed. Top load filter means the filter cartridge is accessible through the top of the spa. Front access skimmer means cartridge is accessed through door of skimmer.

DISCLAIMER: The pictures displayed above are for reference purpose only. Some parts may be different depending upon the spa model.



FLOOR DRAIN: The floor drain is covered by a grate-type cover and is utilized when draining the spa. It also acts as the return for the ozonator. You will see bubbles emitted from this drain, which is the result of water mixing with the ozone output.



KNIFE VALVES: A white "T"-handled valve, same functions as Gate valve (see above), except to open them you pull up on handle.



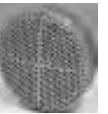
HEATER: The electronically controlled heater raises the temperature of the spa to the desired setting.



LEDs and their special lenses can be used to achieve the desired mood lighting in the spa and spa jets.



SKIMMER: This is the rectangular outlet at the water level. The skimmer removes surface debris from the filter. The water level in the spa should be kept $\frac{1}{2}$ to $\frac{3}{4}$ up on the skimmer for optimum operation.



SUCTION: During operation of the equipment, the suction works in conjunction with the skimmer to draw water from the bottom of the spa through the filter, keeping the spa sparkling clean.



ADJUSTABLE CLUSTER JET: Our adjustable, high-intensity hydrotherapy jet.



VOLCANO JET: high-output jet designed for foot and leg massage.

PREPARATION, SET-UP, AND LOCATION FOR YOUR NEW SPA:

- You want to keep in mind how you intend to use the spa and plan the location accordingly.
- How close is the spa from the exit or entrance to your house? (Consider the cold weather)
- Is the path to your spa clean of debris, sand, grass? (So as not to track into the spa).
- Is there protection from wind, inclement weather?
- Can neighbors or passersby see the spa?

NOTE: *Allow for service access:* Many spa owners enjoy placing their spa in a decorative enclosure or a deck. Keep in mind that you need to have access to equipment for maintenance and the spa should be able to be moved or lifted without destroying the special enclosure or its surroundings. You should discuss this with your dealer when designing the location. Extension cords are not to be used in conjunction with the operations of the spa. Low voltage damage could result, and this is not covered by warranty.

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OASIS SPA GENERAL LAYOUT (Your Oasis spa may look different)



1. Hydro Cyclonic Water Filtration System
2. Fusion Touchscreen Control Panel
3. Air Controls & Water Diverter
4. Poly Jet
5. Cluster Jets
6. Floor Drain
7. Suctions
8. 3" Multi-color Spa Light
9. Skimmers
10. Pillow
11. Laminar Jets
12. Neck Jets
13. Whirlpool/volcano jets

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OASIS PACKAGE COLLECTION



Oasis E7B



Oasis E7L



Oasis E8B

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THE OASIS SPA PACKAGE INCLUDES

Choose model to see specific features and options. All features below may not be included with all models.

- 34 Hydrotherapy Jets
- Vibrant Multi-Color Lighting Package
- Digital Control Panel
- 50 Sq. ft. Pressurized Filtration System
- Laminar Streaming Water Ropes
- Sterling Marble or Snow-White Acrylic
- Ultra-Durable Vertical Synthetic Cabinet
- 4" x 2" WeatherShield Cabinet

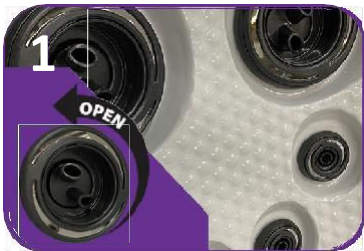
Series	Oasis	Oasis	Oasis
Model	E7B	E7L	E8B
Seating	6	5	5
Dims (cms)	212 x 212 x 92	212 x 212 x 92	234 x 234 x 92
Dims (in)	83.5 x 83.5 x 36	83.5 x 83.5 x 36	92 x 92 x 40
Capacity (l)	1268	1210	1666
Capacity (US gal)	335	320	440
Dry Wt (kg)	420	420	585
Dry Wt (lbs)	925	925	1291
Wet Wt (kg)	1688	1630	2251
Wet Wt (lbs)	3721	3594	4963

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PREP FOR FILLING

! PLEASE READ ALL INSTRUCTIONS BELOW BEFORE FILLING THE SPA



Using a cloth and water, wipe away any dirt/dust collected from transport. Ensure all jets are open by turning the face counterclockwise.



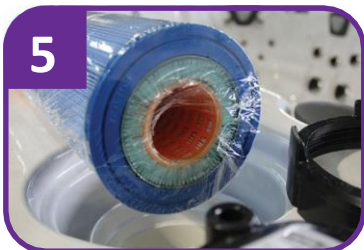
Ensure all plumbing and electrical connections are securely connected and tightened as they can come loose during transit.



Ensure that any gate/knife valves are fully open.



Remove the filter lock ring and lid.



Remove filter and take it out of the plastic transport bag. Leave filter canister open when filling.



Remove skimmer cavity grate cover by sliding it upwards.

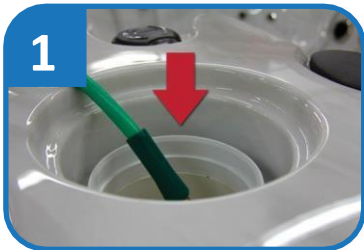


Loosen (do not remove) the air bleeder valve located in the skimmer cavity.

FILLING YOUR SPA

! DO NOT USE HOT WATER TO FILL YOUR SPA

! DO NOT USE WATER FROM A WATER SOFTENER



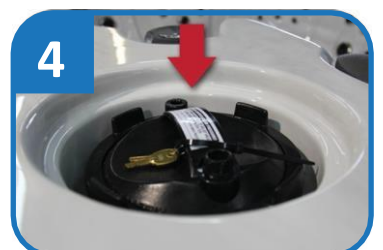
Place fill hose into open filter canister and fill hot tub until water is 2/3 of the way up the skimmer opening.



When filled all massage jets (excluding neck jets) should be under water.



Remove fill hose from filter canister.

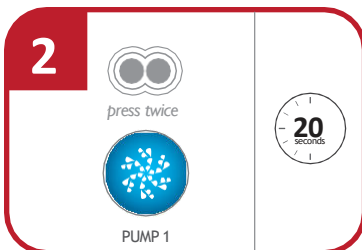


Put filter back into filter canister. Then put back on the filter canister lid and tighten locking ring.

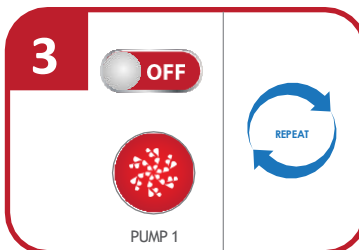
POWERING UP YOUR SPA



Turn the power on at the main breaker.



Turn pump 1 on high speed for 20 seconds by pressing the pump icon twice.



Turn pump 1 off by pressing the pump one icon once. Repeat steps 2 and 3 until air is removed from pump 1 and water is coming from jets.



Tighten the air bleeder valve located in the skimmer cavity. Set your hot tub temperature. Get ready to enjoy!

SPA CARE GUIDE

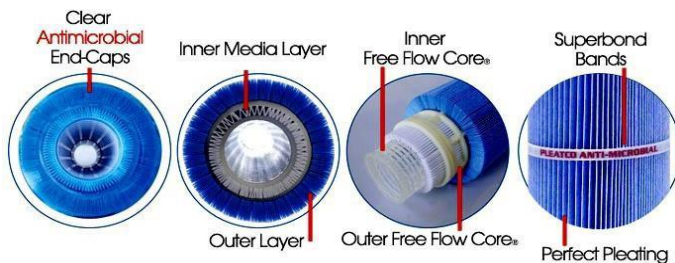
Your authorized dealer carries a wide variety of care and maintenance products. For more information, please contact your Dealer.

REQUIRED FILTER MAINTENANCE

Your new spa is equipped with a filter cartridge. To always ensure maximum water quality, you should replace the filter cartridge every six months, or earlier as necessary. The filter cartridge is designed to be thrown away! Attempts to re-use the filter cartridge may result in the re-release of unwanted particles back into the spa.

PLEATCO DUAL CORE FILTERS

Your spa comes with a premium filter. Most come equipped with a Pleatco DualCore Filter, which does a better job of cleaning your spa water than any other filter cartridge. The DualCore filter has two layers of filtration media, the outer layer and the inner layer. Both are engineered to remove different particles from your water.



The outer core is similar to a traditional filter which traps larger debris, while the inner core filters the water for particles down to 3 microns in size. The inner core is easily removed and both filter media can be cleaned.

Keeping your spa water clean and refreshing is extremely important for your enjoyment of your spa. Our spas come with only the best filters available in order to ensure your satisfaction.

REQUIRED WATER REPLACEMENT

You should replace the spas water every 3-6 months. The frequency will depend on several variables including frequency of use, number of bathers and attention paid to the water quality maintenance. You will know it is time for a change when you can no longer get the normal feel or sparkle to the water, even though the key water balance measurements are all within the recommended ranges.

- Proper water chemistry must be maintained. Your spa pillows are easily and quickly damaged when exposed to unbalanced spa water. If you suspect that your chemicals may be unbalanced, remove your pillows immediately until the water has been restored to the suggested condition.
- Do not sit on the pillows.
- Do not pull on the pillows.
- Pillows should be cleaned using a soft cloth and mild soap, then wiped with a conditioner. We recommend that pillows be washed each time you drain your spa.

This Limited Warranty is void if failure is caused by accident, acts of nature, acts of God, or other causes beyond the control of CSMI. Neglect, misuse, and abuse include any installation, operation, or maintenance of the spa other than in accordance with the instructions contained in the owner's manual provided with the spa, including, but not limited to damage caused by operation outside the range of 34 degrees Fahrenheit and 116 degrees Fahrenheit or 1 degree Celsius and 47 degrees Celsius.

Please be advised that the Spa Warranty will become void if Coast Spas or any of its selling or servicing agents determines that the spa has been exposed to Hydrogen Peroxide, TriChlor or any substance using it as an ingredient proven to be dangerous to the Spa. Any condition arising from the use of Hydrogen Peroxide or TriChlor on the Spa is an unwarrantable defect.

SPA INTERIOR

Your spa has a fiberglass reinforced acrylic shell. Generally, dirt and stains will not adhere to the surface. To properly clean the surface, we recommend wiping it with a soft damp cloth (or sponge) using a low sudsing household soap or liquid detergent and rinsing thoroughly with fresh water. Stubborn dirt or stains may be removed by using Spic & Span adequately dissolved in water. Contact your dealer and inquire about maintenance packages.

DO NOT use any cleaning products containing abrasives or solvents, since these could damage the surface. Harsh chemicals should never be used on acrylic surfaces. Damage to the shell due to the use of harsh chemicals is not covered under the warranty.

DO NOT leave your spa drained and in direct sunlight for extended periods of time. Extreme heat could cause damage

to the acrylic surface and may induce an effect known as "crazing". Crazing is not covered under the spa limited warranty.

STAINLESS STEEL CONTROLS AND COMPONENTS ABOVE THE WATERLINE

To preserve the stainless-steel finish of the controls and components above the water line, we recommend they be wiped with a dry soft cloth after each use of your spa. In addition, off-gas your spa by removing the cover for approximately 30 minutes multiple times per week (if not in use) and after every shock treatment.

CABINET CARE

Never spray cabinets with a high-pressure garden hose or pressure washer for any reason. This action may induce an electrical short in the spa's electrical equipment.

VINYL CABINET

Vinyl cabinets are made of a rigid polymer that combines the durability of plastic with the beauty of real wood. This cabinet is manufactured so that it won't crack, peel, blister or delaminate even after prolonged exposure to the elements. We recommend wiping the cabinet with a soft damp cloth (or sponge) using household soap or liquid detergent and rinsing with fresh water thoroughly. DO NOT use abrasive cleansers or material as this may damage the surface.

COVER CARE

A well cared for spa cover is a thing of beauty. Be sure to clean and condition your cover at least once a month (more often if needed).

WEATHERSHEILD COVER MAINTAINANCE PROCEDURE

Weather-shield is a solution dyed polyester fabric designed to be flexible and easy for manufacturers to use. Its urethane coating enhances the stability of the weave and allows for greater water resistance, while also minimizing shrinkage and stretching. Weather-shield features a high UV, water and mold and mildew resistance and has excellent tear and abrasion resistance.

CARE & CLEANING

Weather Shield is designed to be easy to maintain. It can be washed or brushed off and rinsed. Proper care and cleaning are important to the life of all fabrics.

FOR NORMAL CARE AND CLEANING

- Add 2 ounces of mild soap such as Woolite or Dawn dish-washing liquid to 1 gallon of lukewarm water.
- Clean the fabric with a "soft bristle brush."
- Rinse thoroughly with cold water and air dry.

FOR STUBBORN STAINS

- Add maximum 1 cup of bleach to one 1 gallon of water.
- Spray lightly on the fabric face (non-coated side). Do not soak fabric.
- Prolonged exposure to harsh chemicals can damage the coating.
- Rinse immediately. Do not leave on for more than 2 minutes.

Cleaning with harsh cleaners such as bleach will require a re-treatment like 303 High Tech Fabric Guard for restoring water repellency.

All waterfalls and laminar flow water features should be turned off when the spa is not in use to avoid heat and water loss.

BASIC INSTALLATION AND CONFIGURATION GUIDELINES

WARNING! Qualified Technicians Required for Service and Installation

ELECTRICAL REQUIREMENTS

All self-contained spas use 120VAC or 240VAC electrical spa packs. These instructions describe the only acceptable electrical wiring procedures. Spas wired in any other way will void your warranty and may result in serious injury. All installations should be completed by a certified electrician. Failure to comply with state and local codes may result in fire or personal injury and will be the sole responsibility of the spa owner.

120VA: This requires an isolated 15 Amp circuit breaker. This needs to be an isolated circuit with no other appliances or lights on this circuit at any time. Extension cords are not to be used in conjunction with the operations of the spa. Low voltage damage could result, and this is not covered by warranty.

NOTE: All components must be 120V; No 240V components allowable.

240VA: Depending on the model of spa, it will require either a 40 Amp, 50 Amp, or 60 Amp dedicated circuit breaker, GFCI, with the proper wire size based on the length of the run. The electrical circuit must be installed by a certified electrician and approved by a local building or electrical inspector.

Use minimum 6AWG copper conductors only. Torque field connections between 21 and 23 lbs. Readily accessible disconnecting means to be provided at time of installation. Permanently connected power supply.

Connect only to a circuit protected by a Class A Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD) mounted at least 5' (1.52M) from the inside walls of the spa and in line of sight from the equipment compartment.

CSA ENCLOSURE: TYPE 2

Refer to Wiring Diagram inside the cover of the control enclosure. Refer to Installation and Safety Instructions provided by the spa manufacturer.

WARNING! GFCI or RCD Protection.

The Owner should test and reset the GFCI or RCD on a regular basis to verify its function.

WARNING! Shock Hazard! No User Serviceable Parts.

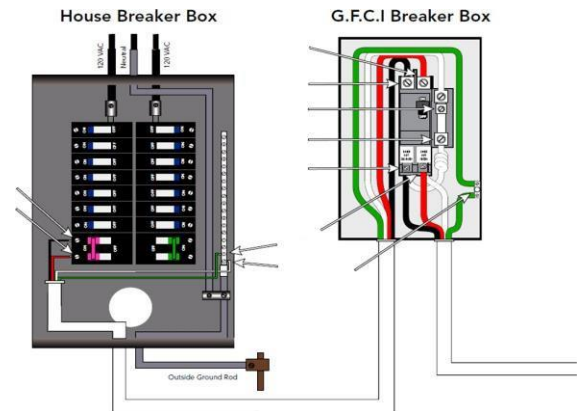
Do not attempt service of this control system. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a licensed electrician and all grounding connections must be properly installed. Disconnect the electric power before servicing. Keep the access door closed.

CSA COMPLIANCE

CAUTION:

- Test the ground fault circuit interrupter before each use of the spa.
- Read the instruction manual.
- Adequate drainage must be provided if the equipment is to be installed in a pit.

FOR USE ONLY WITHIN ENCLOSURE RATED CSA ENCLOSURE 3. CONNECT ONLY TO A CIRCUIT PROTECTED BY A CLASS A GROUND FAULT CIRCUIT INTERRUPTER OR RESIDUAL CURRENT DEVICE. TO ENSURE CONTINUED PROTECTION AGAINST SHOCK HAZARD, USE ONLY IDENTICAL REPLACEMENT PARTS WHEN SERVICING. INSTALL A SUITABLY RATED SUCTION GUARD TO MATCH THE MAXIMUM FLOW RATE MARKED.



WARNING

- Water temperatures of more than 38°C may be injurious to your health.
- Disconnect the electrical power before servicing.

CAUTION:

When using this electrical equipment, basic safety precautions should always be followed.

SPA MAINTENANCE PROCEDURES

FILTER MAINTENANCE

The spa filter is one of the most important maintenance items of a spa. The filter is there to remove debris from the water and needs to be cleaned on a regular basis. Failure to do so may result in poor performance, poor water clarity and could prevent the spa from heating. Filtration starts as soon as flow is steady through the filter. As the filter cartridge removes the debris from the spa water, the accumulated debris causes flow resistance.

CLEANING AND REPLACING FILTER CARTRIDGE

Your Oasis spa filter has been designed for quick and easy maintenance. The filter cartridge should be rinsed by hose once a week and cleaned with a cartridge cleaner once a month. A second filter cartridge is recommended and will speed up this process. This can be purchased from your local dealer.



TOP LOAD FILTERS

- Turn the power OFF at the breaker.
- Loosen air relief valve, then remove retainer ring.
- Pull filter lid straight up to remove.
- Do not twist or pull the filter lid up at an angle. This could cause damage to the filter canister, especially in freezing conditions.
- Remove filter cartridge and clean with a garden hose and a high-pressure nozzle. Periodically you may need to soak your filter in a "cartridge filter cleaner" to remove excess minerals and/or oils.
- Rinse filter thoroughly before installing. Clean the O-ring on filter lid and apply a light film of silicone lubricant to the O-ring. Do not use petroleum-based lubricant as it could damage the O-ring. Consult your authorized dealer to purchase suitable lubricant.

- Place clean Cartridge in filter canister.
- Replace filter lid and re-tighten retaining ring (finger tight only). **Note:** Make sure the O-ring is on the air relief valve and is finger tight prior to starting the pump. This O-ring should periodically be lubricated with a silicone lubricant.
- There is a 3/8" clear line coming from the filter area, and this goes to the bottom corner of the spa. This drains all the water from around the filter canister.
- This is a good time to check the skimmer basket. Bring skimmer door (weir) forward and unscrew basket. Clean out debris and reinstall.

WATER QUALITY MAINTENANCE

Maintaining the quality of the water within the specified limits will serve to enhance your enjoyment and prolong the life of the spa's equipment. It is a simple task, but it requires regular attention because the water chemistry involved is a balance of several factors. There is no simple formula, and there is no avoiding it. An indifferent approach to water maintenance will result in poor and potentially harmful conditions for soaking and even damage to your spa investment. The most important thing to keep in mind is that preventing poor water chemistry is much easier than correcting poor water chemistry. For specific guidance on maintaining water quality, consult your authorized dealer who can recommend appropriate chemical products for sanitizing and maintaining your spa.

MAINTAIN HEALTHY SPA WATER

Important! When maintaining your Oasis spa's water chemistry, ensure that your cover is removed during any aggressive treatments to allow for dissipation into the air. Take care to remove the cover slowly and let chemicals deplete if you are uncertain if your water is properly balanced.

Always maintain your Cascade Spa's water chemistry within the following parameters:

pH: pH is a measure of relative acidity or alkalinity of water and is measured on a scale of 0 to 14. The midpoint of 7 is said to be neutral, above which is alkaline and below which is acidic. In spa water, it is very important to maintain a slightly alkaline condition of 7.2 to 7.8. Problems become proportionately severe the further outside of this range the water gets. A low pH will be corrosive to metals in the spa equipment. A high pH will cause minerals to deposit on the interior surface (scaling). In addition, the ability of the sanitation agents to keep the spa clean is severely affected as the pH moves beyond the ideal range.

That is why almost all spa water test kits contain a measure for pH as well as sanitizer.

Sanitizer (Chlorine or Bromine): To destroy bacteria and organic compounds in the spa water by breaking them down into non-harmful levels which get filtered out. A sanitizer must be used regularly, either chlorine or bromine. Sanitizing your spa water is the most important spa maintenance you can do for yourself.

Total Alkalinity: This refers to the ability of the spa water to resist changes in pH. Controlling alkalinity can help keep your pH in the appropriate range thereby lessening the need for pH balancing. If the TA is too low the pH level will fluctuate rapidly from high to low. If the TA is too high the pH will tend to be too high and will be very difficult to bring back down.

Calcium Hardness: This is a measurement of dissolved calcium in the water. Calcium will help control the corrosive nature of the spa's water.

WARNING: Never store chemicals inside the equipment area of your spa.

IMPORTANT: Do not use Hydrogen Peroxide based sanitizers in your spa. When using Chlorine or Bromine tablets you must use a floating dispenser. These chemicals can have an extremely corrosive effect on certain materials in the spa. Damage caused using these chemicals, or improper use of any chemicals, is not covered under the spa's warranty.

OTHER ADDITIVES: Many other additives are available for your spa. Some are necessary to compensate for out-of-balance water, some aid in cosmetic water treatment and others simply alter the feel or smell of the water. Your Authorized Dealer can advise you on the use of these additives.



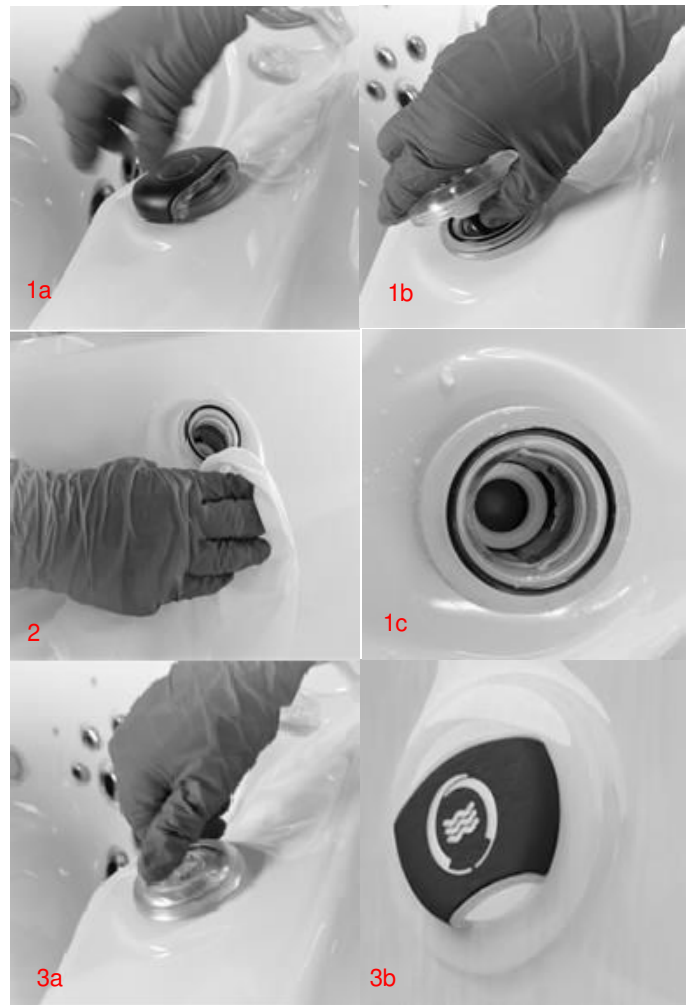
Look for these specialized cleaning attachments at your local dealership.

WATER DIVERTER MAINTENANCE

CAUTION: Turn off the spa from main GFCI breaker to carry out any maintenance procedures.

Steps to clean water diverters:

1. Pull the diverter cap off and rotate the diverter body counterclockwise and pull out the assembly (Picture 1a to 1c).
2. Using clean piece of cloth, remove the dust particles or depositions (Picture 2).
3. Assemble the diverter body by inserting the body back by rotating the jet body clockwise (Picture 3a and 3b). Attach the diverter cap.



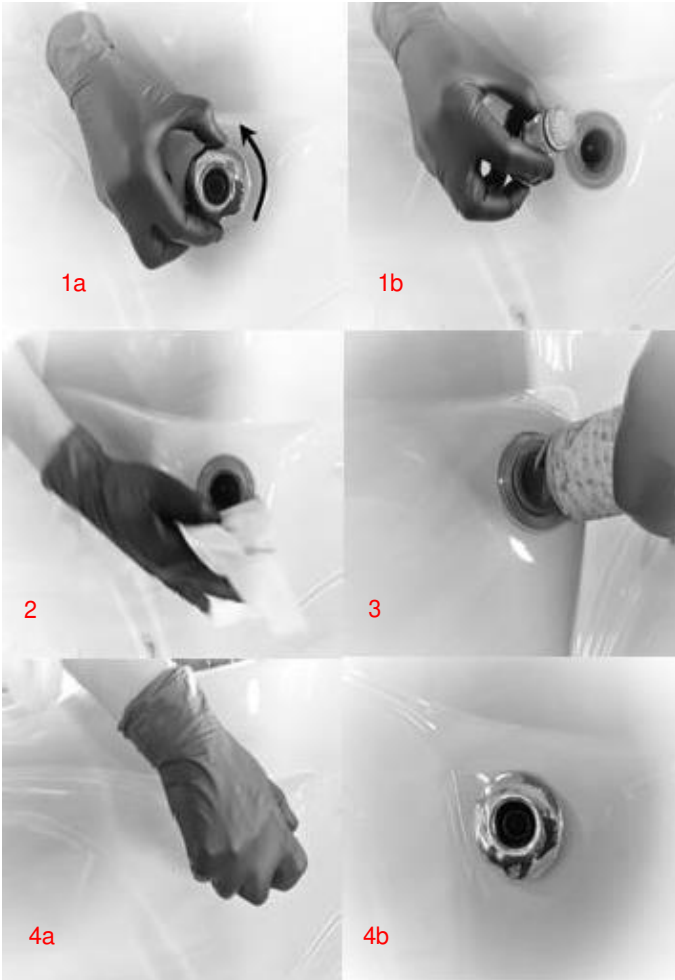
JET MAINTENANCE

CAUTION: Turn off the spa from main GFCI breaker to carry out any maintenance procedures.

It is important to regularly clean the jets to prevent any unwanted depositions and potential damage to the plumbing. It is the responsibility of the customer to regularly perform the maintenance procedures. To clean and maintain optimum jet functions, follow the maintenance instructions below.

LAMINAR FLOW JET MAINTENANCE INSTRUCTIONS

1. Rotate counterclockwise and pull out the jet body (Picture 1a and 1b).
2. Using clean piece of cloth, remove the dust particles or debris (Picture 2).
3. Remove the unreachable debris with the help of vacuum cleaner (Picture 3).
4. Assemble the jet insert back by rotating the jet body clockwise (Picture 4a and 4b).



WATER CLARITY TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	POTENTIAL SOLUTIONS
Water Odor	<ul style="list-style-type: none"> • Improper sanitization • Excessive organics in water • pH is too low 	<ul style="list-style-type: none"> > Add sanitizer > Shock spa with sanitizer > Adjust pH
Chlorine Odor	<ul style="list-style-type: none"> • Chloramines are too high • pH is too low 	<ul style="list-style-type: none"> > Shock spa with sanitizer > Adjust pH
Musty Odor	<ul style="list-style-type: none"> • Bacteria or Algae growth 	<ul style="list-style-type: none"> > Shock spa with sanitizer > Drain and refill spa water
Scale	<ul style="list-style-type: none"> • Total alkalinity is too high • pH is too high • High calcium content in water 	<ul style="list-style-type: none"> > Adjust total alkalinity > Adjust pH > Use stain and scale product
Stain	<ul style="list-style-type: none"> • Total alkalinity is too low • pH is too low • High metal content in water 	<ul style="list-style-type: none"> > Adjust alkalinity > Adjust pH > Use stain and scale product
Cloudy Water	<ul style="list-style-type: none"> • Poor filtration • pH is too high • Hardness is too high • Total alkalinity is too high • Suspended particles 	<ul style="list-style-type: none"> > Clean filter cartridge > Adjust pH > Adjust hardness > Adjust total alkalinity > Drain and refill spa water
Algae Growth	<ul style="list-style-type: none"> • pH is too high • Sanitizer is too low 	<ul style="list-style-type: none"> > Adjust pH > Shock spa with sanitizer > Adjust sanitizer level
Eye Irritation	<ul style="list-style-type: none"> • pH is too low • Sanitizer is too low 	<ul style="list-style-type: none"> > Adjust pH > Shock spa with sanitizer > Adjust sanitizer level
Skin Rash/Irritation	<ul style="list-style-type: none"> • Free chlorine level too high • Unsanitary water 	<ul style="list-style-type: none"> > Adjust chlorine level > Shock spa with sanitizer > Adjust sanitizer level

TROUBLESHOOTING GUIDE

SPA SYSTEM

SYMPTOM	PROBABLE CAUSE	RECOMMENDED ACTION
Spa does not work	<ul style="list-style-type: none"> Power is turned off 	<ul style="list-style-type: none"> > Reset GFCI
No display on the control panel	<ul style="list-style-type: none"> Power is turned off Defective topside control 	<ul style="list-style-type: none"> > Reset GFCI > Contact your Dealer
Letters on the control panel	<ul style="list-style-type: none"> An error has been found 	<ul style="list-style-type: none"> > Refer to the Reference Card for your control panel to verify the error. Contact your Dealer for service

PUMP PROBLEMS

SYMPTOM	PROBABLE CAUSE	RECOMMENDED ACTION
Noisy/Loud motor	<ul style="list-style-type: none"> Air trapped in the pump Low water level Worn pump seal Defective pump 	<ul style="list-style-type: none"> > Open bleed valve in the skimmer > Add water to the spa > Contact your Dealer > Contact your Dealer
Pumps power down on their own	<ul style="list-style-type: none"> Set temperature has been reached Filtration cycle has ended Automatic time out Overheat safety protection 	<ul style="list-style-type: none"> > No problem > No problem > Pumps are set to run for a predetermined time while the spa is in use (15-20 Mins) > The pumps have a thermal overload which will prevent them from running for extended periods of time. Wait until pumps have cooled down (1+ hrs). If problem persists, contact your Dealer.
Pump running constantly, will not turn off	<ul style="list-style-type: none"> Filter cycle set to 24 hours Problem with the circuit board 	<ul style="list-style-type: none"> > Turn off 24 hour filtration > Turn power off at GFCI and contact your Dealer
Pump will not turn on	<ul style="list-style-type: none"> GFCI tripped Motor has overheated Not plugged in Damaged plug Seized motor Blown fuse Motor vent is blocked 	<ul style="list-style-type: none"> > Reset the GFCI > Let cool for 1+ hour > Plug in to the board > Contact your Dealer > Contact your Dealer > Check fuse or contact your Dealer > Clear debris from the vent

HEAT PROBLEMS	PROBABLE CAUSE	RECOMMENDED ACTION
Water will not heat	<ul style="list-style-type: none"> • Error message on control panel • Spa is in a different Heat Mode • Water level is too low • Poor water flow • Closed valves • Pump 1 is not running 	<ul style="list-style-type: none"> > Refer to the Reference Card for your control panel to verify the error > Set spa to "Standard Mode" > Add water to the spa > Clean filter & check valves > Open all valves > Contact your dealer
Water is too hot	<ul style="list-style-type: none"> • Incorrect reading • Filter cycle duration is too long 	<ul style="list-style-type: none"> > Verify temperature with thermometer > Reduce duration of the filter cycle
Water will not maintain heat	<ul style="list-style-type: none"> • Cover is off for extended periods of time in cold weather / cold wind. • Spa is wired for 110V and jets are on. 	<ul style="list-style-type: none"> > Put cover back onto spa and allow for heat to regenerate. Call your dealer if temperature does not increase. > Spa wired for 110V only have enough power to heat or operate pumps. Turn off jets to power heater.

LIGHTING ISSUES	PROBABLE CAUSE	RECOMMENDED ACTION
Standard light will not come on	<ul style="list-style-type: none"> • Bulb has burnt out 	<ul style="list-style-type: none"> > Replace the light bulb
LED lighting not in sync	<ul style="list-style-type: none"> • Burnt out bulb/connection 	<ul style="list-style-type: none"> > Contact your dealer
LED lighting won't come on	<ul style="list-style-type: none"> • Incorrect settings 	<ul style="list-style-type: none"> > Contact your dealer

PUMPS WILL NOT PRIME	PROBABLE CAUSE	RECOMMENDED ACTION
Pump on but no water flow	<ul style="list-style-type: none"> • Air trapped in pump • No water in the pump • Closed valves 	<ul style="list-style-type: none"> > Loosen bleed valve in skimmer > Check the fill level in the spa > Open all valves

HYDROTHERAPY JETS	PROBABLE CAUSE	RECOMMENDED ACTION
Little to no water flowing from jets	<ul style="list-style-type: none"> • Jets turned off • Pump not primed • Valves are closed • Diverter set to a different seat • Dirty filter 	<ul style="list-style-type: none"> > Open jet by turning the face counter clockwise > Reset breaker to allow for the spa to prime the pump. Open bleed valve in the skimmer area > Open valves > Switch diverter > Remove and clean filter cartridge

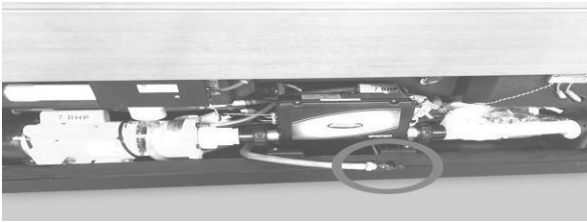
PLUMBING SYSTEM	PROBABLE CAUSE	RECOMMENDED ACTION
Water around base of spa	<ul style="list-style-type: none"> • Loose connections • Leak from internal fitting 	<ul style="list-style-type: none"> > Hand tighten all quick disconnects and fittings. > Check gaskets and O-rings > Contact your dealer

DRAINING AND WINTERIZING

DRAINING YOUR SPA

After a period of 3-4 months, detergent residues from bathing suits and soap film will build up in your spa water. Once this happens, your spa water will appear cloudy and should probably be replaced.

- Turn the power OFF at the breaker.
- Locate the drain valve (usually in the equipment area).
- Remove the safety cap and attach the garden hose.
- Drain water to a convenient area (Spa water may harm grass or plants if sanitizer levels are high.)
- When water begins to flow out of the hose, open the air relief valve located on filter lid (Hydro-Cyclonic Filtration) or Air Bleeder Valve (Skim Filtration).
- Your spa will drain except for a small portion left in the foot well. This can be removed with a sponge and pail.
- Once empty, clean as required.
- To finish, remove the garden hose and attach safety cap.



WINTERIZING YOUR SPA

In many areas of the world the temperature may drop below 32° F (0°C). We recommend the spa is always filled with water and running at normal spa temperatures. By doing this you will minimize the risk of freezing within your spa. If it is necessary to leave your spa unattended for long periods of time during cold weather conditions, you should drain your spa to avoid accidental freezing caused by power outages.

Your local dealer can perform the following winterizing procedures if you are not completely comfortable with them.

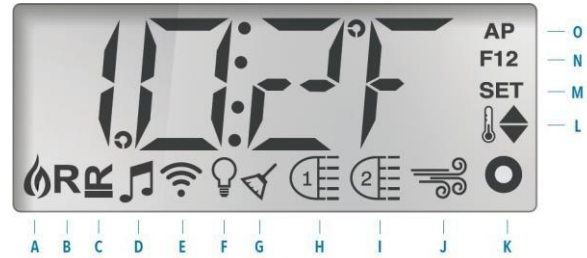
- Ensure that you have fully drained the spa (Refer to the DRAINING YOUR SPA section).
- After draining, your spa may still have water remaining in the equipment and plumbing fittings. Disconnect the hand-tightened union fittings going to and from the jet pumps. Be careful not to lose the O-rings between the unions and pump housing.

- Leave drain valve in the open position and safety cap off.
- To completely drain the plumbing lines, a wet/dry shop vacuum can be used to draw out any remaining water. Place the vacuum hose over the jet fittings in the spa as well as the plumbing lines in the equipment area. You should also disconnect the plug on the crystal-clear inspection tube (if installed).
- Remove the filter cartridge and store in a warm, dry area.
- Clean the spa shell and place spa cover on spa. Be sure to lock the cover in place in case of high winds or rain.

WARNING: The instructions above should be followed accordingly when winterizing your spa. However, they are guidelines and potential freeze damage may still occur. All freezing damage is the sole responsibility of the spa owner and will not be covered by the warranty should it occur.

EMERGENCY SITUATIONS: To eliminate freezing in the event of equipment failure, use a 100-watt light bulb or small heater via extension cord and place it in the equipment area, keeping it away from plumbing lines. This will help for a short period of time until proper service can be rendered.

OASIS SPA CONTROL PANEL



A - Heat	F - Light	K - Auxiliary (Jets 3 or MICRO SILK®)
B - Ready Mode	G - Cleanup Cycle	L - Temperature Range (High / Low)
C - Rest Mode	H - Jets 1	M - Set (Programming)
D - bba™ 2 On	I - Jets 2	N - Filter Cycle (1 or 2 or Both)
E - WiFi (Cloud Connection)	J - Blower	O - AM or PM (Time)

Navigation

Navigating the entire menu structure is done with 2 or 3 buttons on the control panel. Some panels have separate WARM (Up) and COOL (Down) buttons, while others have a single Temperature button. In the navigation diagrams Temperature buttons are indicated by a single button icon. Panels that have two Temperature buttons (Warm and Cool) can be used both to simplify navigation and programming where a single Temperature icon is shown. The MENU/SELECT Button is used to choose the various menus and navigate each section. Typical use of the Temperature button(s) allows changing the Set Temperature while the numbers are flashing in the LCD. The menus can be exited with certain button presses. Simply waiting for a few seconds will return the panel operation to normal.

Preparation and Filling

Fill the spa to its correct operating level. Be sure to open all valves and jets in the plumbing system before filling to allow as much air as possible to escape from the plumbing and the control system during the filling process. After turning the power on at the main power panel, the topside panel display will go through specific sequences. These sequences are normal and display a variety of information regarding the configuration of the hot tub control.

Adjusting the Set Temperature

When using a panel with Up and Down buttons (Temperature buttons), pressing Up or Down will cause the temperature to flash. Pressing a temperature button again will adjust the set temperature in the direction indicated on the button.

When the LCD stops flashing, the spa will heat to a new set temperature when required. If the panel has a single temperature button, pressing the button will cause the temperature to flash. Pressing the button again will cause the temperature to change in one direction (e.g., UP). After allowing the display to stop flashing, pressing the Temperature Button will cause the temperature to flash and the next press will change the temperature.

Press-and-Hold

If a Temperature button is pressed and held when the temperature is flashing, the temperature will continue to change until the button is released. If only one temperature button is available and the limit of the Temperature Range is reached when the button is being held, the progression will reverse direction.

Dual Temperature Ranges

This system incorporates two temperature range settings with independent set temperatures. The High Range designated in the display by a thermometer and an "up" arrow, and the Low Range designated in the display by a thermometer and "down" arrow. These ranges can be used for various reasons, with a common use being a "ready to use" setting vs. a "vacation" setting. The Ranges are chosen using the menu structure below. Each range maintains its own set temperature as programmed by the user. This way, when a range is chosen, the spa will heat to the set temperature associated with that range. For example: High Range might be set between 80°F and 104°F. Low Range might be set between 50°F and 99°F.

Mode—Ready and Rest

Ready Mode: indicated by **R** will circulate water periodically, using Pump 1 Low, to maintain a constant water temperature, heat as needed, and refresh the temperature display. This is known as “polling.”

Rest Mode: Indicated by **☒** will only allow heating during programmed filter cycles. Since polling does not occur, the temperature display may not show a current temperature until the primary pump has been running for a minute or two. Ready in Rest Mode: indicated by **R☒** appears in the display if the spa is in Rest Mode and “Jets” is pressed. It is assumed that the spa is being used and will heat to set temperature. The primary pump will run until the set temperature is reached, or an hour has passed. After an hour, the System will revert to Rest Mode. This mode can also be reset by entering the Mode Menu and changing the Mode.

Be sure to set the Time-of-Day.

Setting the time-of-day can be important for determining filtration times and other background features. When in the TIME menu, SET TIME will flash on the display if no time-of-day is set in the memory. A 2-hour time display can be set under the PREF menu.

Hold Mode

Hold Mode is used to disable the pumps during service functions like cleaning or replacing the filter. old Mode will last for 1 hour unless the mode is exited manually.

Restricting Operation

The control can be restricted to prevent unwanted use or temperature adjustments. Locking the panel prevents the controller from being used, but all automatic functions are still active. Locking the Temperature allows Jets and other features to be used, but the Set Temperature and other programmed settings cannot be adjusted. Temperature Lock allows access to a reduced selection of menu items. These include Set Temperature, FLIP, LOCK, UTIL, INFO and FALT LOG.

Unlocking: While pressing and holding the Temperature Button (or UP button, if available), Slowly press and release the Menu/Select button two times.

Adjusting Filtration

Filter cycles are set using a start time and a duration. Start time is indicated by an “A” or “P” in the bottom right corner of the display.

Duration has no “A” or “P” indication. Each setting can be adjusted in 15-minute increments. The panel calculates the end time and displays it automatically. Press Menu/Select repeatedly until FLTR 1 appears in the LCD. Waiting a few seconds will lose any new Filter 1 Start Time and Run Hours and revert to the previous Filter 1 settings. With FLTR 1 on the screen press the UP button. Press the UP button again to go pass BEGN. Use the UP & Down button to adjust the start time. Press the MENU/Select button to save the start time. Next use the UP & Down buttons to set the duration, can be set in 15-minute increments.

Filter Cycle 2 - Optional Filtration Filter Cycle 2 is OFF by default. It is possible to overlap Filter Cycle 1 and Filter Cycle 2, which will shorten overall filtration by the overlap amount.

Purge Cycles In order to maintain sanitary conditions, secondary Pumps and/or a Blower will purge water from their respective plumbing by running briefly at the beginning of each filter cycle. If Filter Cycle 1 is set for 24 hours, enabling Filter Cycle 2 will initiate a purge when Filter Cycle 2 is programmed to begin.

Preferences

F/C (Temp Display): Change the temperature between Fahrenheit and Celsius. 12/24 (Time Display) Change the clock between 12 hr and 24 hr display.

RE-MIN-DERS (Reminders) Turn the display of reminder messages (like “Clean Filter”) On or Off. Note: Reminders continue to run in the background even when not displayed. So, turning the display of Reminders on or off does not reset any Reminder counts.

CLN-UP (Cleanup) Cleanup Cycle Duration is not always enabled, so it may not appear. When it is available, set the length of time Pump 1 will run after each use. 0-4 hours are available.

M8 (This message may not appear on all systems.) On systems that have M8, it is enabled by default. It can be disabled (or re-enabled) here. M8 reduces polling intervals when the water temperature in the spa is steady.

Utilities and Information

INFO (System Information sub-menu) The System Information Menu displays various settings and identification of the system.

SSID (Software ID) Displays the software ID number for the System.

MODL (System Model) Displays the Model Number of the System.

SETP (Current Setup) Displays the currently selected Configuration Setup Number.

Heater Voltage (Feature not used on CE rated systems.) Displays the operating voltage configured for the heater.

Heater Wattage as Configured in Software (CE Systems Only.) Displays a heater kilowatt rating as programmed into the control system software (1-3 or 3-6).

H _ (Heater Type) Displays a heater type ID number.

SW_ (Dip Switch Settings) Displays a number that represents the DIP switch positions of S1 on the main circuit board.

PANL (Panel Version) Displays a number of the software in the topside control panel.

Additional Utilities

Utilities in addition to INFO, The Utilities Menu contains the following:

GFCI (GFCI Test) (Feature not available on CE rated systems.) GFCI Test is not always enabled, so it may not appear. This screen allows the GFCI to be tested manually from the panel and can be used to reset the automatic test feature. If the GFCI Test Feature is reset, the device will trip within 7 days.

A / B (A/B Sensor Temperatures) When this is set to On, the temperature display will alternate to display temperature from Sensor A and Sensor B in the heater.

FALT LOG (Fault Log) The Fault Log is a record of the last 24 faults that can be reviewed by a service tech.

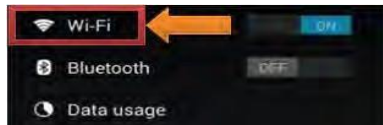
DEMO (Demo Mode) Demo Mode is not always enabled, so it may not appear. This is designed to operate several devices in a sequence to demonstrate the various features of a particular hot tub.

BALBOA WI-FI MODULE

With the Balboa Wi-Fi Module installed in your spa follow the steps below to setup/configure the device.

Step 1: Download the app from the Google Play store or the iTunes store. The app will be titled “Coast Spas—Spa Remote” (Google) or Coast Spas—Remote Spa Control (iTunes).

Step 2: Make sure your Wi-Fi on your device is enabled. Check your device's instructions on how to access Wi-Fi Settings.



Step 3: While standing at the spa select the Wi-Fi Module from the list of available devices from your device's Wi-Fi menu. The Wi-Fi device will appear as BWGSpa_XXXXX in the list.



Step 4: Once connected to the Wi-Fi Module, directly open the Coast Spas app. The Coast Spas app will allow you to control and interact with the spa while you are still within range.



Selecting “Controls” will open a list of installed components like pump(s), blower, lights, etc.

Note: This screen will vary depending on installed components.

Selecting “Settings” will open the settings menu. While connected to the spa will be able to set the temperature, change the degrees between °F or °C, alter the heat mode (Ready/Rest), select the temperature range (low or high), set the time of day, input filter cycles (time start and duration) and have access to the advanced menu.

For more information on the various settings please refer to the selection in the owner's manual for your topside control.

Connecting to the Home Network

Note: You can only connect the Wi-Fi app to the house network when connected directly to the Wi-Fi Module. See “Getting Started” to connect directly to the Wi-Fi Module.

Once connected to the Wi-Fi Module navigate to:
Settings ► Advanced ► Wi-Fi Settings



Step 5: Select your router's security setting. This will vary and if the wrong setting is selected the app will not be able to access the spa.

Step 6: Set up your home network. Each router will have its own unique SSID (Service Set Identifier).

Step 7: Enter your key. The key will be the pass key used to sign in on your network.

Note: If you do not know or need assistance locating any of the information above, please contact your local service provider.

BALBOA ULTRAZONE OPERATION

- Ozone will turn on during the programmed filter cycles and pump #1 operation.
- Verify that the green light on the Ozone turns on when activated.
- Check the spa drain (at the bottom of the spa) to verify that small ozone bubbles are coming out.
- Verify that one way check valve is installed on the ozone tubing, and it is working as intended.





WORLD'S BEST BUILT SPAS