

# GULF COAST SPAS

# LUXURY SERIES OWNER'S MANUAL

LX 11000 | LX 9000 | LX 7000 | LX 5000

Model # 1001,1002,1003,1004 P.N. 827114



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## GULF COAST SPAS AFFILIATIONS













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### INTRODUCTION

Your Choice of a Gulf Coast spa indicates that you are devoted to excellence. The management and staff appreciate your patronage and takes pride in the tradition of quality spas that our company represents.

In order to get the most out of your spa, we strongly suggest that you take time to read through this manual before you hook up and operate your spa. This will acquaint you with important operating and safety procedures, thereby ensuring an enjoyable experience right from the start. If you need any more information than this manual provides, feel free to visit our Web site at www.GulfCoastSpas.com or call our 24/7 technical support line at (727) 573-9888.

**WARNING!** This manual was written to ensure the proper use and installation of any Luxury Series spa. Any modifications to the procedures outlined in this manual may result in your warranty being void. Please take the time to read this manual to avoid any unnecessary problems with your brand new spa and equipment.

**IMPORTANT:** Please complete, sign and submit the warranty card within 30 days of purchase.

THIS MANUAL AND ITS CONTENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALTHOUGH GULF COAST SPAS HAS PREPARED THIS MANUAL AS ACCURATE AND PRECISE AS POSSIBLE, WE WILL NOT BE LIABLE FOR LOSS, INJURY OR DAMAGES CAUSED BY IMPROPER INSTALLATION OR USE OF SPA (IMPROPER OR OTHERWISE).

### IMPORTANT SAFETY INSTRUCTIONS

When installing your spa and using this equipment, always follow basic safety precautions including the following:

#### **READ AND FOLLOW ALL INSTRUCTIONS!**

**DANGER!:** TO REDUCE THE RISK OF INJURY, do not permit children to use this product unless they are closely supervised at all times.

Your Gulf Coast spa is meant to be enjoyable, healthful and relaxing. Some basic safety rules do apply when using the spa. Here is a small list of things to remember:

- 1) Always check the temperature of the spa before entering. Excessively high temperatures can be hazardous to your health.
- 2) Persons suffering from heart disease, diabetes, high or low blood pressure and pregnant women should consult a doctor before using the spa.
- 3) Persons under the influence of medication, drugs or alcohol should not be allowed into the spa.
- 4) Do not allow children to use the spa without supervision of an adult.
- 5) Do not use the spa alone.
- 6) The GFCI breaker must be tested prior to using the spa each time to ensure it operates properly.
- 7) Any electrical devices near the spa must be GFCI protected and out of reach from inside the spa.
- 8) Keep all breakables away from the spa area.
- 9) Lock the cover on any outdoor spas when not in use. Position spa to provide drainage of the compartment for electrical components. For floor recessed spas, install in such a way to permit access for servicing from above and below floor.

#### SAVE THESE INSTRUCTIONS!

TO AVOID INJURY, EXERCISE CARE WHEN ENTERING OR EXITING THE SPA OR HOT TUB.

POUR EVITER LE SOIN D'EXERCICE DE BLESSURE EN ENTRANT OU SORTIR LE SPA OU LE BAQUET CHAUD.

DURING PREGNANCY, SOAKING IN HOT TUB MAY CAUSE DAMAGE TO THE FETUS.

LIMIT USE TO 10 MINUTES AT A TIME

#### PREVENT DROWNING

SPA HEAT SPEEDS UP EFFECTS OF ALCOHOL, DRUGS OR MEDICINE AND CAN CAUSE UNCONSCIOUSNESS.

LEAVE SPA IMMEDIATELY IF UNCOMFORTABLE OR SLEEPY.

#### PREVENT CHILD DROWNING

WATER ATTRACTS CHILDREN.

ALWAYS ATTACH A SPA COVER
AFTER EACH USE.

\*ADDITIONAL COPIES OF THE OWNER'S MANUAL MAY BE REQUESTED 24/7 AT (727) 573-9888.

#### **WARNING SIGN MUST BE POSTED**

The (red) WARNING sign above is packed with your new Gulf Coast spa. This sign must be posted in a prominent place in close proximity to the spa installation site immediately upon completion of spa installation.

**WARNING SIGN** – is extremely important that this sign be permanently placed in clear view of any persons using the spa. Occasional spa users may not be aware of some of the dangers hot water poses to pregnant women, small children, and people under the influence of alcohol. If you did not receive a warning sign or your sign has become damaged, please contact our 24/7 technical support line at (727) 573-9888.

**DANGER!** - A wire connector is provided on this unit to connect a minimum No. 6 AWG (10mm2) solid copper conductor between unit and any metal equipment, metal enclosures of electrical equipment, metal water pipe, or conduit, if that item is located within 5 feet (1.5m) of the unit.

**DANGER! - RISK OF ACCIDENTAL DROWNING:** Extreme caution must be exercised at all times, to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use spa unless they are supervised at all times. Cover spa and use safety locks to prevent accidents.

**DANGER! – RISK OF ELECTRICAL SHOCK:** Install at least 6 feet (91.5m) from all metal surfaces. As an alternative, a spa may be installed within 5 feet (1.5m) of metal surfaces if each metal surface is permanently connected by a minimum No. 6 AWG (10mm2) solid copper conductor to the wire connector on the terminal box that is proved for this purpose. Do not permit any electrical appliance, such as a light, telephone, radio or television within 5 feet (1.5m) of the spa, unless factory installed.

Position the spa to provide proper drainage of the compartment for electrical components. For floor recessed spas, install to permit access for servicing from above or below floor. Consideration should be taken for water to splash out. Water can ruin wood floors and some finishes. **DO NOT** use a wall switch, ground fault circuit interrupter, circuit breaker, fuse, or plugging and unplugging the spa as a means of turning on or off your spa for normal everyday use. **DO NOT** block access door. Set the spa on a firm level (flat) surface. **DO NOT** set spa on blocks as structural damage may occur to the spa.

**WARNING!** – Reduce the risk of injury. The water temperature in a spa should never exceed 40° C (104° F). Water temperatures between 38° C (100° F) and 40° C (104° F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

WATER TEMPERATURE IN EXCESS OF 38° C MAY BE INJURIOUS TO YOUR HEALTH.

AVERTISSEMENT: DES TEMPERATURES DE L'EAU SUPERIEURES A 38C PEUVANT PRESENTER UN DANGER POUR LA SANTE. L'AVERTISSEMENT: LA TEMPERATURE D'EAU DEPASSANT 38C MAI EST NUISIBLE A VOTRE SANTE.

Since excessive water temperatures have a high potential for causing fetal damage during early pregnancy, pregnant or potentially pregnant women should limit water temperatures to 38° C (100° F). Before entering a spa, the user should measure the water temperature with an accurate thermometer. The tolerances of water temperature-regulating devices vary. The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness with the possibility of drowning. Persons suffering from obesity, medical history or heart disease, low/high blood pressure, circulatory system problems, or diabetes, should consult a physician before using a spa. Persons using medication should consult a physician before using a spa because some medications induce drowsiness while others may affect heart rate, blood pressure and circulation.

**HYPERTHERMIA** – Prolonged immersion in hot water may induce hyperthermia. A description of the causes, symptoms, and effects of hyperthermia are as follows:

Hyperthermia occurs when the internal temperature of the body reaches a level several 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. The effects of hyperthermia include:

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

**CAUTION!** – Always test the spa water temperature before entering the spa. Enter and exit the spa slowly. Wet surfaces can be very slippery. Never bring any electrical appliances into or near the spa, with the exception of a space heater used for winterizing/troubleshooting ONLY. Call (727) 573-9888 for instructions on this procedure. Never operate any electrical appliances from inside the spa or when you are wet unless such appliances are built-in by the manufacturer.

**FOR ALL SPAS EQUIPPED WITH AUDIO COMPONENTS: Caution!** – Risk of Electric Shock: Do not leave audio compartment door open. Replace audio components only with identical components. **Warning!** – Prevent Electrocution: Do not connect any auxiliary components – for example, cable, additional speakers, headphones, etc., to the system.



### INSTALLATION

Proper planning is an important consideration when installing your new spa. Site selection is a critical step and should be given some serious thought. Planning ahead, before the delivery of your spa, will make the process of installation easier. The following information is provided to assist you in site preparations.

- 1) Check out the local building codes with respects to gates, fences, etc.
- 2) Be sure the spa will have proper access to water, drainage and electricity.
- 3) Check with your dealer on how to support the weight. In most cases, the best answer is a 4-inch thick cement pad. (Or you may purchase a durable, custom-molded plastic Handi-Spa pad by calling the 24/7 technical support line at 727-573-9888.) There are many ways to support your spa. Please consult your spa sales representative before constructing a base.
- 4) Be sure your spa will fit into the space you have chosen, and ensure there is proper access into the area of the spa for repairs if necessary.
- 5) Ventilation may be needed because of the humidity from the spa. In most cases, a Spa Hard Cover is sufficient.
- 6) Check the load carrying capabilities of the floor on which the spa will reside. Most homes meet the requirement of 80 pounds per square foot.
- 7) Protect the pump and all equipment from the weather by ensuring the cabinet panels are secure at all times.

**IMPORTANT!** When building a skirt or sinking a spa into a deck or ground, easy access must be provided beneath the spa. This will ensure proper serviceability to the plumbing and equipment. Please allow 36 inches. This is a minimum figure only! Consider your design carefully. The more access the better. Make the access door in a logical place (i.e. near controls and equipment). Call the 24/7 technical support line at (727) 573-9888 for more details.

#### ELECTRICAL SPECIFICATIONS

**IMPORTANT!** Qualified and licensed electricians must perform all electrical hookups. The following specifications must be followed in order to ensure proper performance and safety. **CAUTION!** Failure to abide by specifications listed may result in damage to the equipment and may void the warranty.

ALL SPAS MUST BE WIRED WITH A 50 AMP BREAKER. FAILURE TO DO SO WILL CAUSE EQUIPMENT DAMAGE AND WILL NOT BE COVERED UNDER WARRANTY.

ALL SPAS MUST BE PROTECTED WITH AN OVER CURRENT PROTECTIVE DEVICE WITH BUILT-IN GROUND FAULT CIRCUIT INTERRUPTER (GFCI) IN THE SERVICE PANEL.

**WARNING!**: STARTING A SPA THAT IS INCORRECTLY WIRED COULD CAUSE SEVERE DAMAGE TO THE MECHANICAL EQUIPMENT OR BODILY HARM. HAVE YOUR LICENSED ELECTRCIAN VERIFY GFCI WIRING WITH SCHEMATIC ON PAGE 11 PRIOR TO STARTING THE SPA.

ITEM SPECIFICATIONS

	Voltage	Breaker Size Amp / GFI	Wire Size	Country
Single or Double Pump	240V 60Hz	50 Amp Dedicated	6/3 Guage With Ground	U.S. and Canada
Spa With High-Power Heater and Blower	230V 50Hz	IEE Wire Regulation	3x4 mm²	European Union

#### **EUROPE**:

CAUTION: CONNECT ONLY TO A CIRCUIT PROTECTED BY A RESIDUAL CURRENT DEVICE. ATTENTION: CONNECTER UNIQUEMENT A UN CIRCUIT PROTEGE PAR UN DISJONCTEUR DIFFERENTIEL.

CAUTION: TEST THE RCD BEFORE EACH USE OF THE SPA. TOUJOURS VERIFIER L'EFFICACITE DU DISJONCTEUR DIFFERENTIEL AVANT D'UTILISER LE BAIN. BONDING LUGS. COSSES DEMISE A LA MASSE. USE THE COPPER CONDUCTORS ONLY. EMPLOYER UNIQUEMENT DES CONDUTEURS DE CUIVRE.

WARNING: DISCONNECT THE ELECTRICAL POWER BEFORE SERVICING. AVERTISSEMENT: DISCONNECTER DU CIRCUIT D'ALIMENTATION ELECTRIQUE AVENT L'ENTRETIEN. BEFORE OBTAINING ACCESS TO TERMINALS, ALL SUPPLY CIRCUITS MUST BE DISCONNECTED.

EN60335-1 and EN60335-2-60. 230vac/50Hz. 1x32A Single Phase. IPX5. Spa Model. Gulf Coast Spa Manufacturers

Parts with extra low voltage not exceeding 12v must be inaccessible to a person in the spa. Earthed appliances must be permanently connected to fixed wiring. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa. Appliances should be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30ma.

Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

# Wiring Diagram for the Power Outlet U.S. and Canada

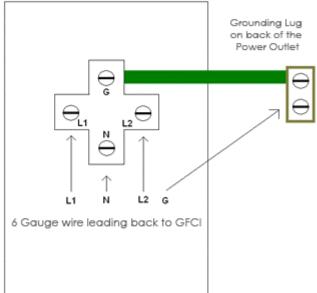
Inside View

240V 60Hz

Front View

G

Remove this screw to access the wiring hook ups inside

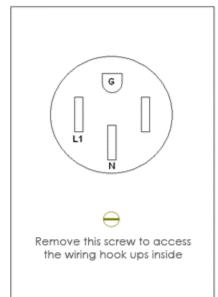


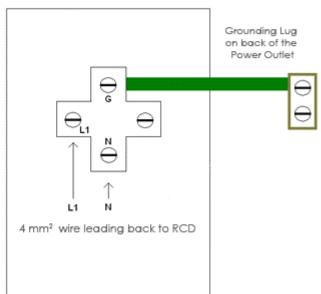
## Wiring Diagram for the Power Outlet

230V 50Hz (Single Phase)

Inside View

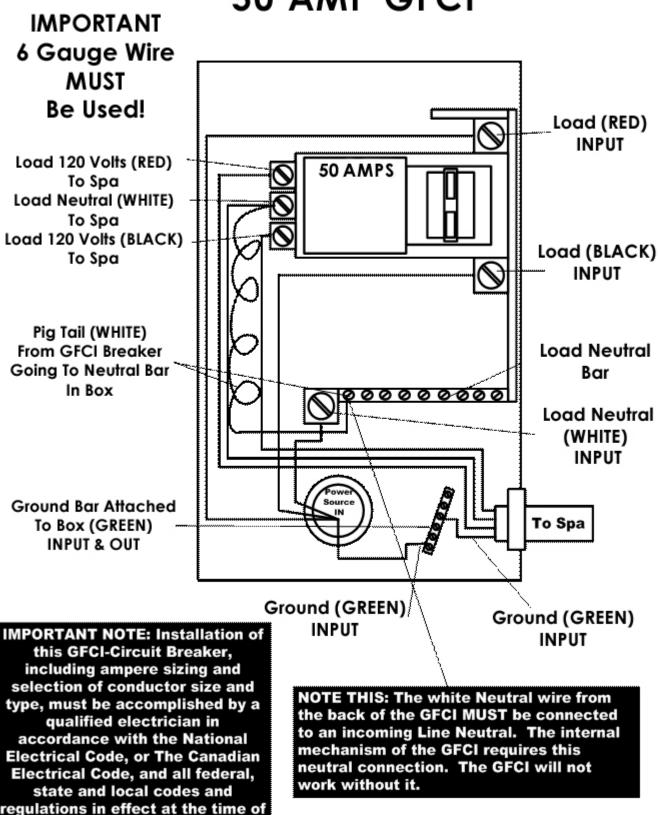
Front View



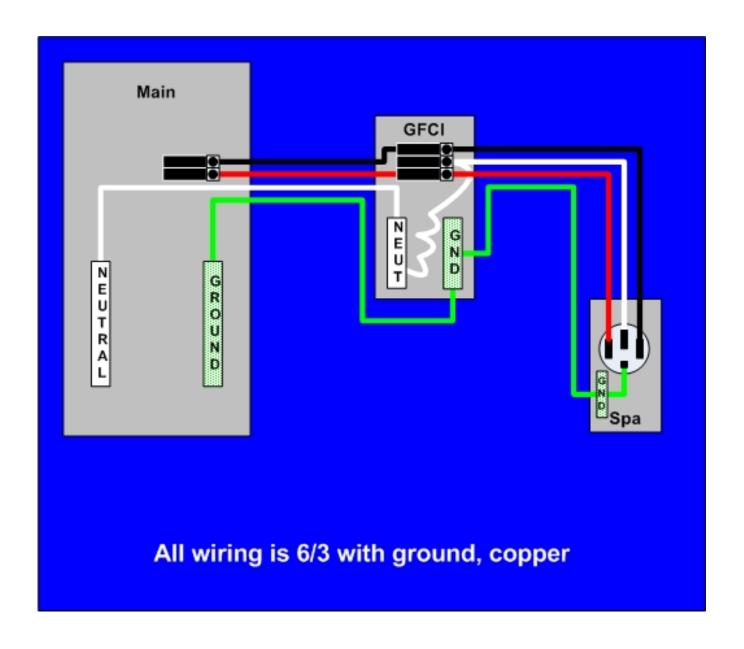


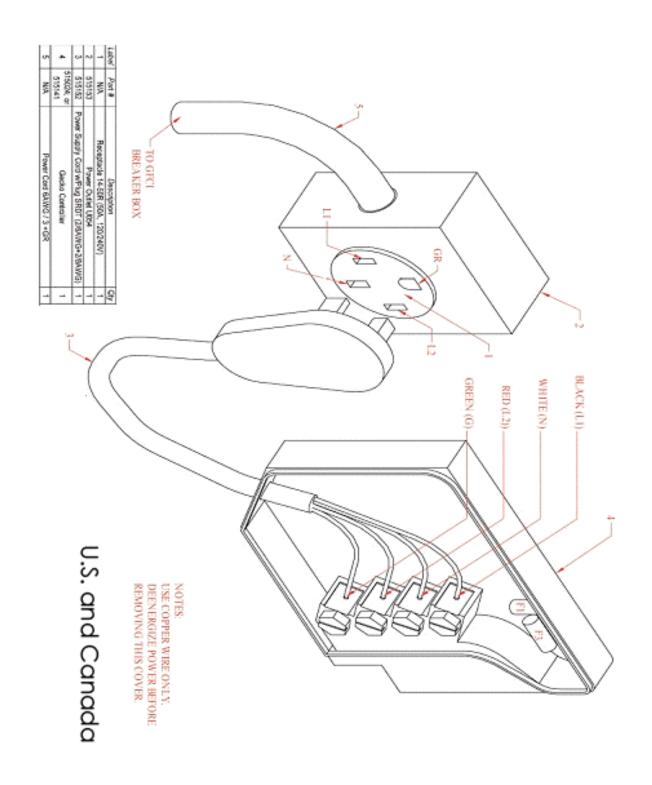
Europe

# Breaker Box 50 AMP GFCI



installation.

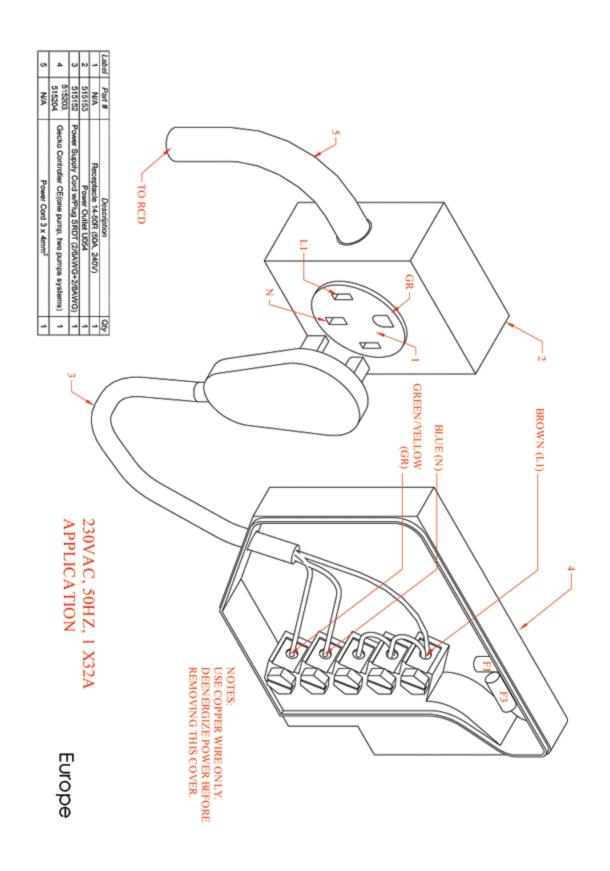




# European Power Requirements

Wiring Schematic 1 x 32 AMP

House Breaker Box ON ON ON OFF OFF OFF Blue (Neutral) Green/Yellow (Ground) 00000000000000 Front View of RCD (Square D) Brown Blue (Neutral) (Hot) Blue (Neutral) BCD2 Green/Yellow Brown (Hot) (Neutral) (Ground) Green/Yellow Green/Yellow (Ground) (Ground)



#### STARTUP PROCEDURES

**IMPORTANT!**: Read these step-by-step startup procedures before starting your spa. Failure to follow any of these steps listed may result in damage to the equipment and may void the warranty.

**NOTE:** Running the spa pump dry (without water running through it) could cause IMMEDIATE damage and will void the warranty! Be sure the following conditions exist: The spa has been installed properly in accordance with the instructions in this manual.

All slide valves must be pulled out completely in the open position. These are located to the left and right of the heater element and on the suction side of the primary pump.

Check and hand tighten unions at each end of the heater tube. **CAUTION! DO NOT** use a wrench. These are hand-tightened unions and over-tightening may cause damage to unions and gaskets, which will not be covered under warranty.

Clean out the spa and remove any foreign material.

#### Filling the spa.

Always fill spa through one filter housing (hard water is recommended) to purge any trapped air from pump intakes. Failure to do so may cause air to be trapped in the two-speed pump intake, creating an air lock and preventing the pump from moving water. Ensure all slide valves are fully open. Place your garden hose, with the AquaClara prefilter attachment assembled, into the filter housing and begin filling with clean water. Continue filling spa until the water level is one inch above the highest water jets (excluding the neck jets that remain above the water level). Do not over fill. Remember every person entering a spa displaces a given volume of water, so adjust water level to number of people who will be entering the spa. CAUTION! Be sure drain valve is closed before the water is turned on. DO NOT turn pump on until the spa is filled to the required level. Running the pump dry may cause IMMEDIATE damage, which will not be covered under warranty!

**CAUTION!** The water from your hot water tank should not be used to fill the spa.

Once the spa is filled to the proper level, check to make sure the slide valves are open at the pump. Start the pump and watch for some water to come out of the jets.

If the water is running smoothly through the lines, open the air valve (AVC) to the jets and you should see an increase in jet pressure.

**SPECIAL NOTE:** If you are unsure of any of the above startup procedures, please call the 24/7 technical support line at (727) 573-9888. For best results, read each step in its entirety before proceeding.



#### Turning the power on and activating the jets.

Turn on the power to the hot tub at the house circuit breaker. The GFCI circuit breaker must be tested before each use of the spa. Press the "Test" button on the breaker and the circuit breaker should go to the tripped position. Reset the GFCI and ensure it stays on. The topside control display goes through specific sequences. Press Pump 1 key to turn the two-speed water pump on low speed, press a second time for high speed. If Pump 1 has not primed after two minutes, and water is not flowing from the jets in the spa, do not allow the pump to continue to run. Turn the power off at the main house panel and vent air from the pump. Do this by loosening the union nut on the discharge side of pump. Turn the power on again. Sometimes momentarily turning the pump off and on will help to prime. Do not do this more than four times. Be sure Pump 1 is primed and the water moves from the jets. Check and adjust the water and airflow of every jet from Pump 1 if necessary. Push Pump 1 key a third time to turn Pump 1 off. A built-in timer automatically turns Pump 1 off after 20 minutes, unless the pump manually has been deactivated first.

Press Pump 2 key to activate the single-speed Pump 2 (if equipped). If the Pump 2 has not primed after two minutes repeat same priming procedure for Pump 2. Check and adjust the water and airflow of every jet from Pump 2 if necessary. Push Pump 2 key a second time to turn off Pump 2. A built-in timer automatically turns Pump 2 off after 20 minutes, unless the pump manually has been deactivated first.

#### Activating the air blower (if equipped).

Press the Blower key to turn on the air blower. Check if air goes to air jets on the butt/bottom of each seat. Press the Blower key again to turn the Blower off. A built-in timer automatically turns the Blower off after 20 minutes, unless it manually has been deactivated first. If you encounter a problem, please reference the troubleshooting guide.

in.k400 series of compact full-function keypads for in.xm spa systems



The Quick Reference Card provides a quick overview of your spa's main functions and the operations accessible with your digital control pad.

#### Spa functions



### On/Offkey 🖰

Standby Mode: Use On/Off key to pause all pumps\*. Progress bar will display the remaining time before the system automatically exits Standby mode (user can also exit Standby mode at any time by pressing again on On/Off key).



In order to warn the user, the spa light will flash for a few seconds before the exit of Standby mode and restart the pumps. The 'Stby' message is also displayed during Standby mode.

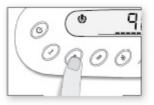
\* Pump will stay turned on if there is a request for more heat.



#### Pump1key 1

Press Pump 1 key to turn Pump 1 on at low speed. Press a second time to turn pump to high speed (with a dual-speed pump). A third time turns pump off.

A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.



#### Pump 2 key 2 (2 Pump System)

Press Pump 2 key to turn Pump 2 on. Press a second time to turn pump off. A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.



#### Setting the time

Enter Programming mode by holding Light key pressed down for 3 sec. The display will show the current time setting.

Setting the hour: Use Up or Down arrows to change hour setting (AM/PM).

Setting the minutes: Press Light key a second time.

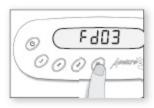
Use Up or Down key to change minutes setting.



#### Setting filter cycle start time

To program the filter cycle, you must enter these parameters: the start time, duration and frequency. During a filter cycle, pumps run for one minute to purge the plumbing, then Pump I runs for the programmed number of hours. Press Light key a third time. The display will show FSxx, with "xx" representing the starting hour. (Default: 08:00 am & 08:00 pm).

Use Up or Down key to change setting.



#### Setting filter cycle duration

Press Light key a fourth time. The display will show Fdxx, with "xx" representing the duration in hours. (Default: 2 hours).

Use Up or Down key to change setting.



#### Filter cycle frequency

Press Light key a fifth time. The display will show FFxx, with "xx" representing the number of filter cycles per day (up to 4). (Default: twice a day).

Use Up or Down key to change setting.



#### Pump 2 key 2 (1 Pump System)

Press Pump 2 key to turn blower on. Press a second time to turn blower off. A built-in timer automatically turns blower off after 20 minutes, unless blower has been manually deactivated first.



#### Blower key 3 (2 Pump System)

Press Blower key to turn blower on. Press a second time to turn blower off. A built-in timer automatically turns blower off after 20 minutes, unless blower has been manually deactivated first.



#### Light key

Press Light key to turn light on. Press a second time to turn light off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first.



#### Up/Down keys ▲ ▼

Use Up or Down key to set desired water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection.

The "Set Point" icon indicates that the display shows the desired temperature, NOT the current water temperature!

#### Programming steps



#### Programming

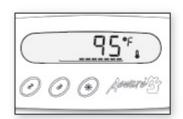
Press and hold Light key to enter Programming menu. In Programming mode, the following parameters can be set: time, filter cycle start time, filter cycle duration, filter cycle frequency, and temperature unit.



#### Setting temperature unit

Water temperature can be displayed in either Fahrenheit (°F) or Celsius (°C). Press Light key a sixth time. The display will show either °F or °C. (Default: 95 °F)

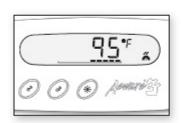
Use Up or Down key to change setting. Press Light key a last time to save changes and to go back to normal mode.



#### Water temperature regulation

In a regulation cycle, the system first generates water flow through the heater housing and the plumbing, in order to ensure accurate water temperature readings as well as avoiding heater activation in dry conditions.

After verifying pump activation and taking a water temperature reading if required, the system automatically turns the heater on to reach and maintain water temperature at Set Point.



#### Smart Winter Mode

Our Smart Winter Mode protects your system from the cold by turning pumps on several times a day to prevent water from freezing in pipes.

#### Cooldown

While performing these tasks, the heater is not allowed to turn on and its icon flashes. The heater is not allowed also to come on throughout the cool down period of the heater element.



in.xm spa pack

#### Breaker Settings

Press Select button to change breaker setting.

Use Change button to set the current breaker rating then press Select button.

Default: 40 amp (North American models) 32 amp (European models)

### Turning on the light.

Press the Light key to turn the spa Light on. Verify the spa Light is on. Press the Light key a second time to turn the spa Light off. A built-in timer automatically turns the spa Light off after two hours, unless the spa Light manually has been deactivated first.

#### Setting the water temperature.

Use the Up or Down key to set desired water temperature. The temperature setting will displayed for five seconds to confirm your new selection. The set point icon indicates that the display shows the desired temperature (not the actual water temperature). Default

temperature setting is 95°F. In water temperature regulation mode, the system first generates water flow through the heater housing and the plumbing to ensure accurate water temperature reading as well as avoiding heater activation in dry conditions. After verifying pump activation and taking a water temperature reading if required, the system automatically turns the heater on to reach and maintain water temperature at the set point. The "Heater" icon indicates the heater is on.

#### Water management.

Once your spa reaches 90°F or higher, introduce the start-up AquaClara Natural spa care system (included, page 25) to the water. Press the Pump 1 key on the topside control to activate Pump 1 at high speed immediately after you add AquaClara Natural to the water.

#### Covering your spa.

Place the spa cover on the hot tub. Keeping the insulated cover in place anytime the hot tub is not in use will reduce the heating time and minimize operating costs. The time required for initial heat-up will vary depending on the starting water temperature, ambient temperature and the capacity of your spa.

If any of the buttons do not function as directed above the spa pack may need to be reset. To reset, turn the power off and on again at the house circuit breaker (RCD).

#### Programming the time of day, filtration cycles and temperature units.

Press and hold the Light key to enter the programming menu. In programming mode, the following parameters can be set: real time, filter cycle start time, filter cycle duration, filter cycle frequency and temperature unit (°F/°C).

#### Setting the time.

Enter programming mode by holding the Light key for three seconds. The display will show the current time. Use the Up or Down arrow to change the hour setting (a.m./p.m.). Press the Light key a second time. Use the Up or Down arrow to change the minutes setting.

#### Setting the filtration cycles.

At the start of each filter cycle, the pumps (high speed) and blower run for 45 seconds to purge the water and air lines. Then, Pump 1 (low speed) runs for the programmed number of hours (default setting two hours) to clean and oxidize the spa water. To program the filter cycle, you must enter all filter cycle parameters: start time, duration and frequency.

Setting the start time.

Press the Light key a third time. The display will show FSxx, with xx representing the starting hour. Use the Up or Down arrow to change the setting. The default setting is 8 a.m. and 8 p.m.

Setting the filter cycle duration.

Press the Light key a fourth time. The display will show FDxx, with xx representing the duration in hours. Use the Up or Down arrow to change the setting. The default setting is two hours.

Setting the filter cycle frequency.

Press the Light key a fifth time. The display will show FFxx, with xx representing the number of filter cycles per day (up to four). Use the Up or Down arrow to change the setting. The default setting is two cycles per day.

Setting the temperature unit.

Press the Light key a sixth time. The display will show either °F or °C. Use the Up or Down arrow

to change the setting. The default setting is °F. Press the Light key a last time to save changes and return to normal mode.

#### **Using Smart Winter Mode (SWM)**

If the system (sensor located inside controller) detected ambient conditions below 42°F, it automatically will activate the SWM for period of 24 hours. In this mode, pumps will activates for one minute, several times per day to prevent water from freezing in the pipes.

#### Cleaning your filter

Before removing the filters to replace or clean, press the On/Off key on topside control to pause all pumps. (Pump 1 might stay on if there is request for more heat. If this happens shut the spa off at the GFCI/ or RCD breaker.) The progress bar will display the remaining time before the system automatically exits Standby mode. You can exit Standby mode any time by pressing the On/Off key. The spa light will flash for a few seconds before exiting Standby mode and restarting the pumps. The "Stby" message also is displayed during Standby mode.

#### AQUACLARA NATURAL

HASSLE-FREE ... NATURALLY SOFT SPA WATER ... STABLE PH AND ALKALINITY

Gulf Coast Spas now offers an enzyme-based water purification system for your spa.



A perfect solution for people with skin and chemical sensibilities

**AquaClara Natural** naturally solves most spa water treatment problems and dramatically reduces spa maintenance. Added monthly, it effectively stabilizes pH/alkalinity, eliminates scum lines, foam, itching and rashes and helps to alleviate dry skin, by reducing overall chemical use.

ClaraPure Sustain decreases the demand on your sanitizer, while increasing the overall enjoyment of owning your spa.

**AquaClara Enzyme** increases filter efficiency by naturally breaking down oils, lotions and other organic contaminants. It has the added benefit of making even heavily used filters amazingly easy to clean.

**AquaClara Tablets** sanitize your spa water and are a much gentler and more effective alternative to chlorine.

**ClaraBoost** non-chlorine shock increases sanitizer efficiency and can be added as needed after heavy bather loads.

#### FREQUENTLY ASKED QUESTIONS

#### Who do I call for warranty information or service?

Trained representatives are available 24 hours a day, seven days a week to meet all of your needs. Call (727) 573-9888. Please note, you must register your spa within 30 days of purchasing or your warranty will be voided. Our representatives can assist with this process.

#### Who are the service companies in my area?

Gulf Coast Spas contracts with several service companies in your area to ensure the best possible response time. Gulf Coast customers are guaranteed to receive service response priority. If you encounter a matter that can't be easily resolved over the phone, a local technician can be dispatched to your home. The service technician may assess reasonable travel charges during on-site repairs. Call our service department at (727) 573-9888.

#### What happens when my warranty is expired?

Gulf Coast Spas will continue to provide service for your spa after your warranty has expired via the 24/7 technical support hotline – (727) 573-9888.

#### Are the jets removable? Interchangeable? Replaceable?

Most jets are made removable and adjustable for customized hydrotherapy.

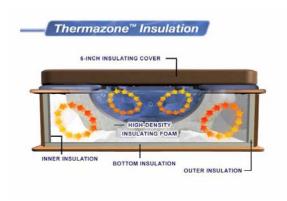
#### How do I adjust my jet?

Simply turn the jets counterclockwise to open and clockwise to close. Be careful not to overturn the jets, as damage can occur.

**CAUTION!**: DO NOT TURN OFF TOO MANY JETS AT THE SAME TIME. THIS WILL CREATE BACKFLOW AND POSSIBLE DAMAGE TO YOUR SPA!

#### How do I maintain my cabinet?

The spa consists of a rigid polymer that combines the durability of plastic with the beauty of a wood-looking cabinet. To clean the cabinet, simply use a mild soap and water solution to remove residue.



#### What is the insulation made of?

Gulf Coast uses a five-step Thermazone process to fully insulate all of its hot tubs. First, the bottom of each tub has an extra thick .25mm ABS Base. Second, an outer layer of insulation is added. Third, an inner layer of insulation is wrapped around the entire cabinet. Fourth, a bottom layer of insulation is added on the floor. Fifth, a 5-inch thick tapered cover is included.

#### How do I use aromatherapy?



Remove scented bead cartridge from plastic cover. Twist off aromatherapy injector valve cap on top of spa. Insert scented bead cartridge. Replace cap and tighten. (Turning on the blower activates the aromatherapy via the air injectors.)

#### How do I use the audio system? (If equipped)

To engage the two pop-up speakers in the spa corners, simply press down on them to unlatch them and then release. Do not sit on the speakers. To retract the speakers before covering the spa, simply press down again until you feel a slight click, then release.

The tuner is located behind an enclosure on the front cabinet. Simply lift the lid, power the marine-grade stereo on and playback audio. The lid automatically will retract. Please do not try to prop open the lid. For details, see the stereo manufacturer's manual (enclosed).



#### How do I clean my filters?

Pause all pumps by turning the spa off. Remove the cover to the filtration canister. Unscrew each filter. Clean with a high-pressure garden hose or wash in dishwasher. Do not bleach. Screw filters back in filter housing, replace cover and power spa back on.

#### Where can I order more AquaClara Natural or other accessories?

Visit <a href="www.GulfCoastSpas.com/store">www.GulfCoastSpas.com/store</a> and sign up for our easy-to-use, autoship program and receive all the spa care products you need sent to your home automatically every two months. Or purchase a year's supply and save up to 25 percent. Or call (727) 573-9888.

#### How do I polish/clean my spa surface?

The acrylic surface of Weather Pro G offers good resistance to a variety of household cleaners and other chemical environments. In general, only the following chemicals may be used to clean Weather Pro G parts under moderate stress at ambient temperatures: Calgon® Bath Oil, Glass Plus® Cleaner, Sodium Hydroxide, Clorox® Bleach Liquid, Comet® Cleaner, Sodium Hypochlorite, Fantastic® Cleaner, Mineral Oil, Soft Scrub® Cleanser, Formula 409® Cleaner, Mr. Clean® Cleaner, Spic & Span® Powder, Freon TF Cleaner, Propylene Glycol or Soap & Water.

#### TROUBLESHOOTING GUIDE

Gulf Coast Spa Manufacturers always has endeavored to represent spas that are second to none in terms of quality. Problems may arise that may or, or may not require service. If a problem does arise, check the following troubleshooting guide for a solution. If the problem cannot be solved in this manner, please call our technical support hotline 24 hours a day, 7 days a week at (727) 573-9888.

#### PROBLEM

#### SOLUTION

NOTHING WORKS

CAUSE: Breaker has tripped.

WATER WILL NOT HEAT

CAUSE 1: Filter is dirty.

CAUSE 2: Thermostat is too low.

CAUSE 3: Fuse is blown.

CAUSE 4: Slide shut-off valves are closed

partially or completely.

Check and reset breaker.

If the problem persists, check all electrical connections to ensure none are loose.

Check and clean filter.

Check and reset to desired temperature.

Check and replace fuse.

Check and open all valves.

POOR JET PRESSURE

CAUSE 1: Filter is dirty. Check and clean filter.

CAUSE 2: System is air locked. Purge/bleed system at heater tube.

(see www.GulfCoastSpas.com)

CAUSE 3: Jets are closed. Open jets by rotating counterclockwise.

#### MAINTENANCE AND CARE

**IMPORTANT!** The warranty on your spa and equipment is dependent on proper use of the AquaClara Natural Water Management System™. (Refer to page 25 for more information on the AquaClara Natural Water Management System.) In addition, the following maintenance procedures must be followed periodically.

**FILTER -** The filters in your spa should be cleaned every week using the water pressure from the end of a garden hose. This will ensure that the water is being filtered properly, and there is no restriction in the filters due to dirt and grease. DO NOT BLEACH. Gulf Coast Spas recommends having replacement filters on hand, that can be swapped between cleanings. This will enable you to quickly exchange the dirty filters with the clean ones and immediately start your spa again.

**WATER -** Depending on usage, the water in your spa should be changed every 1-3 months. Upon each change of water it is a good practice to wipe down the spa.

**Draining and Refilling Your Spa -** (See diagram below) To drain your spa, perform the following steps: 1. Turn the power off. (Turn breaker off). 2. Select a safe, suitable drainage area capable of safely assimilating 300 plus gallons of water, that may contain unsanitary contaminants and chemical residue that could cause harm to plants or grass. 3. Locate drain valve at front of the spa. Hold the rear body to prevent it from turning, then loosen and remove the front cap to expose male hose threads. 4. Attach garden hose to the exposed threads. 5. Twist the drain fitting 1/3 turn counterclockwise to unlock the drain valve and pull it outward to open completely. The spa water will drain by gravitational flow. 6. After the spa drains, perform steps 3-5 in reverse order to close the drain prior to refilling spa. 7. Attach garden hose to AquaClara prefilter and refill spa through the filtration canister. 8. After refilling, turn on the power to the spa.



**SPA COVER –** The 5-inch thick tapered cover on your spa is made from a weatherproof marine vinyl. Your cover will last much longer if you heed the following suggestions:

- 1) Don't drag the cover on the ground; wearing of the vinyl could easily develop into a tear.
- 2) The insulating foam in your cover is not designed to hold the weight of a person or an animal.

**IMPORTANT!** Cracked foam in the cover is not covered under warranty! Do not stand on it.

- 3) Occasionally wipe the cover, inside and out with soap and water, or vinyl cleaner. This will help make the finish last longer and look better.
- 4) Dura Shine or Armor All applied to the cover & stitching once yearly will keep your cover looking better longer.
- 5) Do not lift the cover by the safety straps, they are made to secure the tub to the cabinet and may tear.

**PILLOWS –** Remove and clean the headrest pillows as needed using soapy water and a cloth or soft-bristled brush.

#### SHUTDOWN / WINTERIZING PROCEDURES

Special accessories that may be needed to facilitate long-term shutdown: quick drain or sump pump, wet/dry vacuum, small electric space heater (must be used in cold weather).

The following steps should protect your spa from freezing: Disconnect the spa from the power supply. Remove the screws holding your spa access panel door. Open the valve and the spa will drain by gravitational flow. Remove the filter cartridges, then clean and store in a dry place. Attach a wet/dry shop vacuum (capable of blowing air as well as vacuuming) into the filter housing. Turn blower on and allow it to blow out any water remaining in the plumbing lines. (This should take no more than five minutes). Reinstall the filter housing. Use the shop vac to remove water inside spa blown through jets. Use a shop vac and clean towel and remove any remaining water from bottom of spa until dry. Vacuum water from blower injectors. Leave the drain open. Place a small electric space heater under the skirting of the spa. Unplug all the wires and cords running to the spa pack (separate manual included), unfasten and remove the unit for storage inside your house. Close the spa cover and fasten with tie down safety locks.

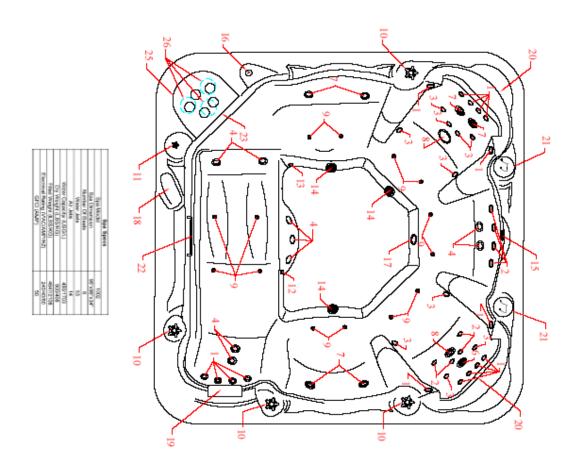
**WARNING!** If these steps are not taken during cold weather when the spa is shut down, serious damage to the lines and spa may result! If all these steps are followed, you do not need to put antifreeze in your spa. Freezing of the spa and/or equipment is not covered under warranty. If necessary, call the Gulf Coast 24-hour technical support hotline at (727) 573-9888.

**IMPORTANT!** Gulf Coast Spa Manufacturers is dedicated to offering you the best in customer satisfaction and service. The warranty is a manufacturer's limited warranty and is included in this manual. Be sure to read, complete and sign the warranty to ensure you understand what you are entitled to in terms of service. If you have any questions whatsoever, do not hesitate to call Gulf Coast for more details.

**SPECIAL NOTE**: When calling for service, it is imperative to have your serial number in hand to expedite the servicing of your spa. (Keep your bill of sale in a safe and accessible place.) You will be required to give the spa serial number and date of purchase before service can be provided. The unique spa serial number is located inside your cabinet, at the base of the Power Depot under the heating element as well as outside the cabinet on a faceplate containing other important information.

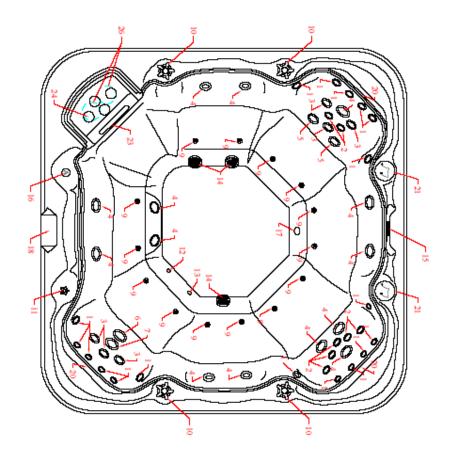


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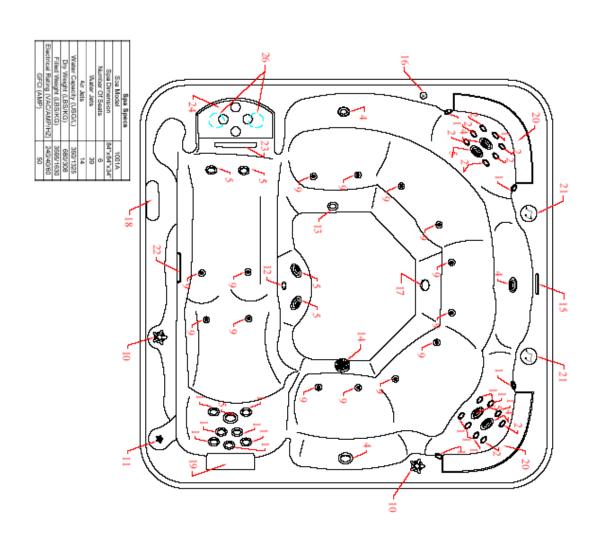


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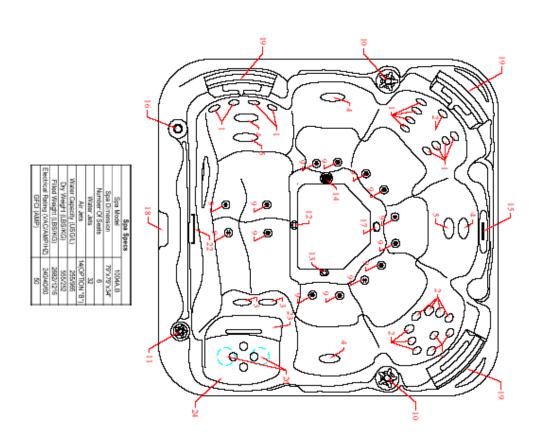




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#### CONDITIONS OF WARRANTIES

All limited warranties provided hereunder extend only to the original consumer/purchaser of the spa if purchased and installed within the boundaries of the United States or Canada and terminate upon transfer of ownership from original consumer/purchaser.

The warranties will not include any:

- Shipping cost and/or taxes incurred.
- Cost of repair or parts incurred by a non-factory-authorized agent.
- Damage due to improper PH Levels.
- Damage due to too much Bromine.
- Heater element shortages.
- Corrosion at jets.
- Deterioration of pillows, filter lid, filters, any seals and gaskets.

**NOTE:** We must receive written notification within 10 days if the original consumer/purchaser plans to relocate the spa to a site other than the address we have on file.

#### GULF COAST SPA SERVICES CUSTOMER EXPECTATIONS

Gulf Coast Spa Services is a full service and diagnostic care center. Your spa comes with 24 hour technical support and after sales care. For the life of your spa, trained and certified technical product support specialists are available 24 hours a day, 7 days a week even after your warranty has been exhausted. Most service inquiries can be answered by referring to your owner's manual, accessing the online troubleshooting guide or calling a Gulf Coast Spa Services representative (727) 573-9888. Do not call your local dealer with any post-sale questions regarding your spa.

## CUSTOMER SERVICE OPTIONS

\*Option 1 – Call Gulf Coast Spa Services at (727) 573-9888 for troubleshooting and diagnostics. If the call is made before 2 p.m. EST you can have same day shipping of any necessary parts. After 2 p.m. EST parts will be shipped next day. This option can take up to 12 days:

- 1-2 days for part to ship.
- 3-5 days for part to arrive at service company.
- 1-5 days for service company to schedule service call and perform work.

\*Option 2 – Because your spa is built with modular components, anybody can replace parts in and out in a matter of minutes. Customers can elect to expedite direct shipping of the part to their house. This option can take 3-5 days.

\*Option 3 – Customer can elect overnight shipping directly to them with minimal expense. The arrival of the replacement component(s) would be next day. This option can take 1-2 days.

<sup>\*</sup>When you call, please have your serial number ready and have access to your spa. Your spa has self monitoring diagnostic capabilities and you will need to be able to read these to your Gulf Coast Spa Services support representative (please stand next to spa when calling). A credit card must be provided to secure shipment of parts.



This Limited Warranty is extended to the original purchaser of a Gulf Coast spa, manufactured after January 1, 2006 and installed for residential use in the United States and Canada. It terminates with any transfer of ownership. Gulf Coast Spa Manufacturers Inc. warrants only Gulf Coast manufactured acrylic spa shells, cabinets and equipment assembled at a Gulf Coast manufacturing facility. Gulf Coast warrants to the original buyer of its spa shell, that the shell is free of defects in material and workmanship, and will repair or replace the shell at our option if any of the following occurs:

Lifetime Warranty against defects in material and workmanship on PVC Fittings and Hoses.

Lifetime Warranty against permeable leakage of water due to defect in the laminate.

- 10 Year Warranty against cracking, blistering, fading or delaminating of the shell surface (prorated after the first year).
- 5 Year Warranty for all mechanical and solid-state components (prorated after the second year).
- 2 Year Warranty for authorized labor beginning on the date of purchase.

**WARRANTIES FOR OTHER COMPONENTS:** The spa cover, light bulb, light lenses, fuses, headrests, cabinet finish and filters are warranted to be free of defects in workmanship and materials at the time of delivery.

**PERFORMANCE:** To obtain service in the event of a defect covered by this Limited Warranty, call the Gulf Coast Spas 24/7 technical support line at (727) 573-9888 as soon as possible and use all reasonable means to protect the spa from further damage. Upon proof of purchase, a designated service representative will correct the defect subject to the terms and conditions in the Limited Warranty. There will be no charge for parts or labor to repair the defect, although providing access to effect the repair is the responsibility of the spa owner. The authorized service company may assess the spa owner reasonable costs of travel. Visits to diagnose/inspect/troubleshoot problems are not covered under this limited warranty. If the Manufacturer determines that repair of the covered defect is not feasible, it reserves the right to provide a replacement spa instead, equal in value to the purchase price of the original spa. In such an event, costs for removal of the original spa, shipping costs from the factory for the replacement spa and delivery and installation of the replacement will be the responsibility of the spa owner. The replacement spa will carry the balance of the original spa's warranty, if any.

WARRANTY LIMITATIONS: This Limited Warranty is void if: the registration card is not returned within 30 days of the purchase date, the Manufacturer or its designated representative determines that the spa has been subjected to alteration, neglect, misuse or abuse, or freight damage caused by the common carrier; any repairs have been attempted by anyone other than a designated representative; or if the failure is caused by accident, acts of God or other causes beyond the control of the Manufacturer. 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 the failure to maintain proper water chemistry and chemical balance, the use of abrasive or improper cleaners, spa water temperatures below 33° or above 110° Fahrenheit and improper electrical installation. This Limited Warranty does not provide coverage for any item attached to or installed on the spa after the date of manufacture, or for gaining access to any component for repair or replacement. Spa units used in a commercial application are excluded from any coverage whatsoever. The spa owner accepts liability for parts purchased from or repair work performed by anyone other than the Manufacturer or its designated service representative. Performance of any Lifetime warranties does not include any shipping or handling fees associated.

**LIMITATIONS:** This Limited Warranty takes the place of all other warranties, express or implied, in fact or at law, including implied warranties of merchantability and fitness for a particular purpose. The Manufacturer or its designated representative must perform all warranty service. No agent, dealer, distributor, service company or other party is authorized to change, modify or extend the terms of this limited warranty in any manner whatsoever. The Manufacturer will not be responsible for any statements or representations made in any form that go beyond, are broader than or are inconsistent with any authorized literature or specifications furnished by Gulf Coast Spas.

**DISCLAIMERS:** The Manufacturer and its representatives shall not be liable for any injury, loss, cost or other damage, whether incidental or consequential, arising out of any defect covered by this limited warranty, including without limitation, loss of the use of the spa, damage to any surface or item the spa is placed on or near (i.e. wood, carpets, etc.) and cost for removal of defective product even if the Manufacturer was advised of the possibility of damage. The liability of the Manufacturer under this limited warranty, if any, shall not exceed the original amount paid for the original product. Coverage under this limited warranty shall commence as of the original date of purchase and the duration of such coverage shall not extend for any reason whatsoever beyond the stated time periods. These disclaimers shall be equally applicable to any service provided by the Manufacturer and its designated representatives.

**LEGAL RIGHTS:** This Limited Warranty gives you specific legal rights. You also may have other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

## IMPORTANT WARRANTY INFORMATION

# The warranty card MUST be filled out completely and mailed within 30 days of purchase to validate warranty.

Please make a copy before mailing.

MAIL TO:

**Gulf Coast Spas** 

Attn: Technical support

11620 54th St. N.

Clearwater, FL 33760

OR FAX: (727) 572-4567

White .	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Spa Model / Color
GULF COAST SPAS	Spa Serial Number
By signing this Warranty Card you have read and understand the Owner's Manual in its entirety.	Customer Name
	Customer Address
Dealer	City
Dealer Address	State ZIP
City ZIP	Daytime Telephone Cell Phone
Date	Date of Purchase
Customer Signature	- Email Address

(Return Address)

Place Stamp Here

GULF COAST SPAS 11620 54th St. N. Clearwater, FL 33760 USA