Owners Manual
50HZ

Table Of Contents

www.PlatinumHotTubs.com

Introduction

Congratulations on the purchase of your new spa! We take pride in the quality spas that our company manufactures and we appreciate your patronage.

In order to get the most out of your spa, we encourage you to take time to read through this manual before you install and operate your spa. This will acquaint you with the installation procedures, operating features, safety features, and maintenance requirements, ensuring an enjoyable experience right from the start. If you need any additional information, feel free to call us at 1-727-573-9611, or visit us online at www.platinumhottubs.com.

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

THIS MANUAL AND ITS CONTENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALTHOUGH WE HAVE PREPARED THIS MANUAL TO BE 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).

Spa Serial Number Location

THE SPA'S DATA PLATE IS LOCATED ON THE BOTTOM OF THE CABINET FRAME, BELOW THE ACCESS DOOR

Date Purchased: _____

Date Installed: _____

Dealer Name: _____

Serial Number: _____

www.PlatinumHotTubs.com

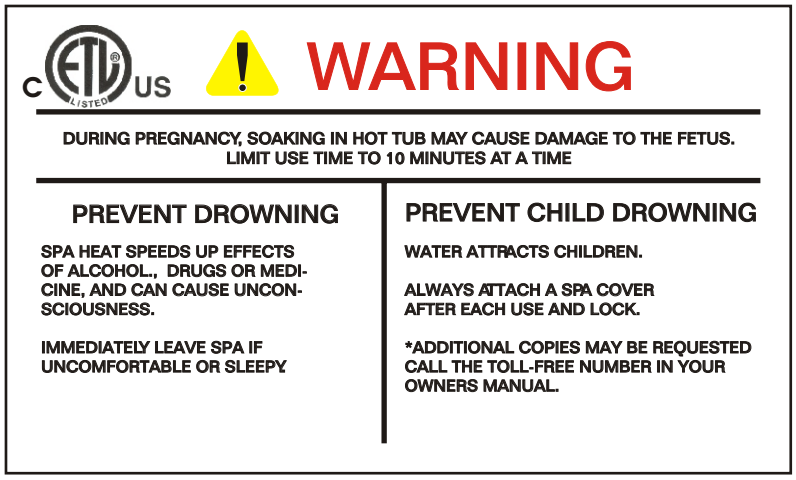
MANUFACTURE RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

IMPORTANT SAFETY INSTRUCTIONS

When installing your spa and using this equipment, basic safety precautions should always be followed, to include the following. For your safety and the safety of others it is vital that the following be observed:

- **READ AND FOLLOW ALL INSTRUCTIONS!** The following instructions are required by 60335-2-60 standard to be printed as a condition of their listing this product. They contain important safety information we strongly urge you to read and apply.
- **DANGER - TO REDUCE THE RISK OF INJURY:** Do not permit children to use spa unless they are closely supervised at all times.

WARNING SIGN MUST BE POSTED



The WARNING sign (RED) above is packed with your new Platinum 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** - It 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 your spa dealer or manufacturer.
- **DANGER -** A wire connector is provided on this unit to connect a minimum 10 mm2 (No. 6 AWG) 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 1.5m (5 feet) 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 - TO REDUCE THE RISK OF INJURY:** The suction fittings in the spa are sized to match the specific water flow created by the pump/pumps. Should the need arise to replace the suction fittings or the pump/pumps, be sure that the flow rates are compatible.Never operate spa if the suction ?ttings are broken or missing. Never replace a suction fitting with one rated less than the ?ow rate marked on the original suction ftting.
- **DANGER - RISK OF ELECTRICAL SHOCK:** Install the spa at least 1.5m (5 feet) from all metal surfaces. As an alternative, a spa may be installed within 1.5m (5 feet) of metal surfaces if each metal surface is permanently connected by a minimum 10 mm2 (No. 6 AWG) solid copper conductor to the wire connector on the terminal box that is approved for this purpose.
- Position spa to provide proper drainage, accessibility of electrical compartments.
- For floor recessed spas, install to permit access for servicing from above or below floor.
- **NEVER USE AN EXTENSION CORD!**
- Consideration should be taken for water 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 spa.
- **WARNING -** To reduce the risk of injury. The water in a spa should never exceed 40⁰ C (104⁰ F). Water temperatures between 38⁰ C(100⁰ F) and 40⁰ C (104⁰ F) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

IMPORTANT SAFETY INSTRUCTIONS

- Since excessive water temperatures have a high potential for causing fetal damage during early pregnancy, pregnant or possible pregnant women should limit water temperatures to 38⁰ C (100⁰ F). Before entering a spa, the user should test 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.
- Before entering a spa, the user should test the water temperature with an accurate thermometer. The tolerances of water temperature-regulating devices vary.

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 degrees above the normal body temperature of 98.6⁰ F (37⁰ 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.

SAVE THESE INSTRUCTIONS

CHOOSING A LOCATION

IMPORTANT: Because of the combined weight of the spa, water and users, it is extremely important that the base upon which the spa rests be smooth, flat, level and capable of uniformly supporting this weight, without shifting or settling, for the entire time the spa is in place. If the spa is placed on a surface which does not meet these requirements, damage to the skirt and/or the spa shell may result. Damage caused by improper support is not covered under warranty. It is the responsibility of the spa owner to assure the integrity of the support at all times. It is strongly recommended that a qualified licenced contractor prepare foundation for your spa.

Manufacturer recommends a poured, reinforced concrete slab with a minimum thickness of 4 inches (10cm). Wood decking is also acceptable provided it is constructed so that it meets the requirements outlined above. The spa must be installed in such a manner as to provide drainage away from the spa. Placing the spa in a depression without provisions for proper drainage could allow rain, overflow and other casual water to flood the equipment and create a wet deck. Install so as to permit access to the equipment, either from above or below, for servicing. Make certain that there are no obstructions which would prevent removal of the cabinet side panels and access to the jets components, especially on the side with the equipment bay doors.

Outdoor Location
In selecting the ideal outdoor location for your spa, we suggest that you take into consideration:

1. The proximity to changing area and shelter (especially in colder weather conditions).
2. The pathway to and from the spa (free of debris, dirt, leaves as not to be tracked into spa).
3. The closeness to trees and shrubbery (leaves and birds could create extra work).
4. A sheltered environment (less wind, weather exposure resulting in lowered operation and maintenance costs).
5. The overall enhancement of your environment. It is preferable not to place the spa under an unguttered roof overhang since run-off water will shorten the life expectancy of spa cover.

Indoor Location
Be sure your spa will fit into the space you have chosen. Proper access into the home is needed to move the spa into place. Ventilation may be needed because of the humidity from the spa. In most cases, a spa cover is sufficient. Be sure to check the load carrying capabilities of the floor you will be installing your spa, as most homes meet the requirement of 80lbs per square foot (manufacturer not responsible). Insure you have proper drainage in the event of a leak or water spill due to over load of spa with people causing water damage (manufacturer not responsible.) Encase of maintenance problems, leave enough room around the spa to work. Choose proper flooring area for spa.

POWER REQUIREMENTS

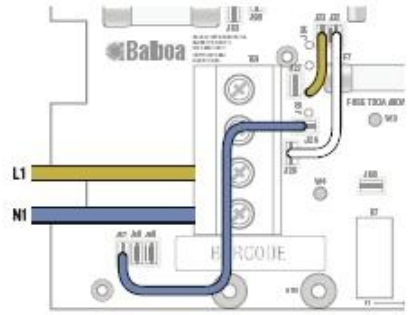
MODEL	VOLTS	AMP LOAD	MARKING	APPLICATION
PLATINUM II	220-240	16 or 32	4 mm2	HSEX2000

WARNING- CONNECT ONLY TO A CIRCUIT PROTECTED BY AN RCD (GROUND FAULT CIRCUIT INTERRUPTER).

ALWAYS USE A CERTIFIED ELECTRICIAN FOR ELECTRICAL CONNECTION.

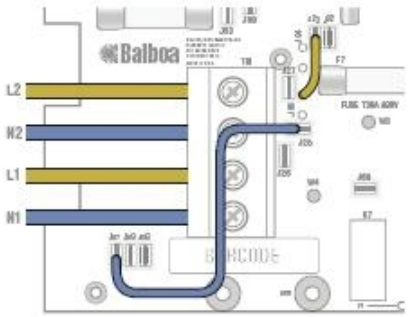
Electrical Service Configuration Options

Fig. 1



Single Service (1 x 16 Amp or 1 x 32 Amp)

This option is configured and shipped as the default.
For 1 x 32 Amp Service:
DIP Switch A2 can be ON
For 1 x 16 Amp Service:
DIP Switch A2 must be OFF



Dual Service Option (2 x 16 Amp)

Completely remove the white wire from J26 and J32.

Note: J32 and J23 are electrically identical. The white wire may be attached to either terminal before removal.

DIP Switch A2 must be ON

ELECTRICAL WIRING INSTRUCTIONS

WARNING: FILL THE SPA WITH WATER BEFORE TURNING ON THE POWER.

1. This spa must be permanently connected (hard-wired) to the power supply. No plug-in connections or extension cords are to be used in conjunction with the operation of this spa. Supplying power to the spa which is not in accordance with these instructions will void the manufacturer's warranty. See wiring diagrams on page 6 and the back of the control pack cover.

2. The power supplied to this spa must be a dedicated circuit with no other appliances or lights sharing the power provided by the circuit.

3. To determine the current, voltage, and wire size required refer to section “Power Requirements” on page 3. The wire size must be appropriate per IEE Wiring Regulations. All wiring must be copper to ensure proper connections. Do not use aluminum wire.

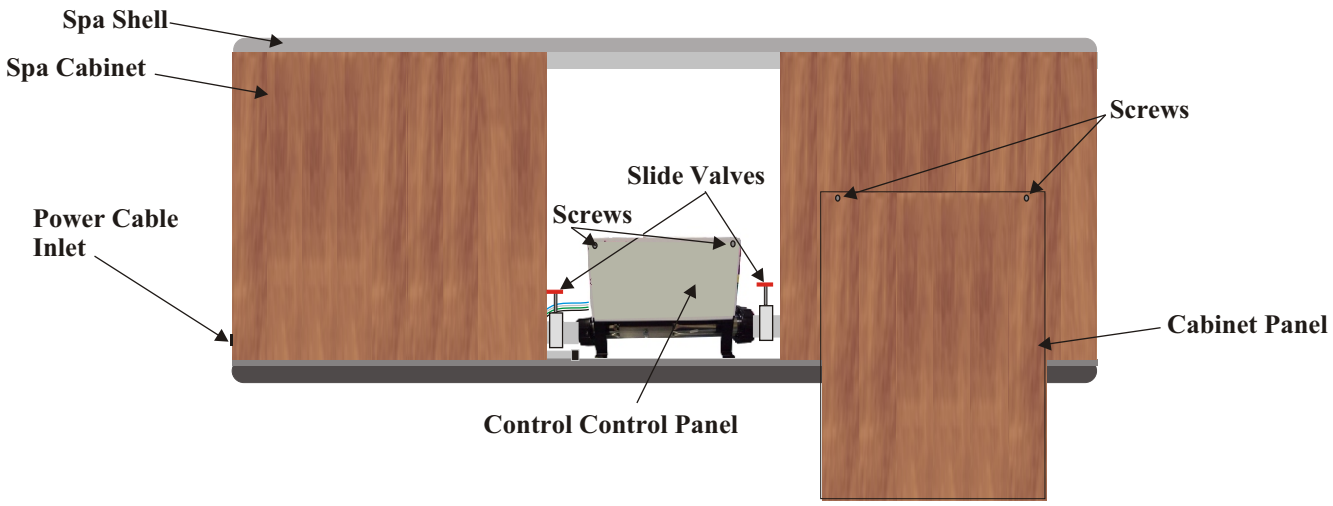
4. The electrical supply for this product must include a suitable RCD or GFCI (ground fault circuit interrupter) as required by IEE wiring regulations.

5. To gain access to the spa's power terminal block, remove the screws from the cabinet panel and set it aside (figure 2 page 4). Next, loosen the securing screws from the control panel cover and remove (figure 2 page 4).

6. Connect wires on terminal block as determined on page 3. TIGHTEN SECURELY! All wires must be connected securely or damage could result.

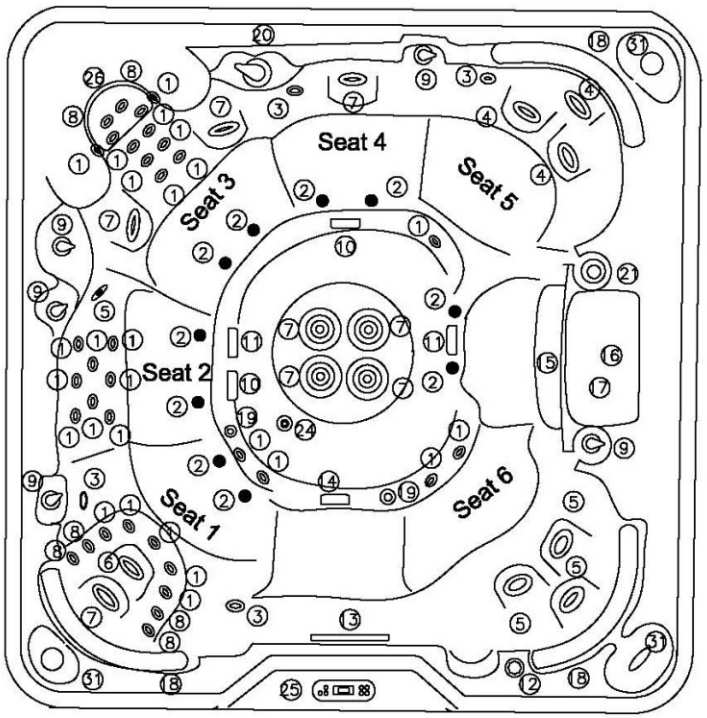
7. Install control panel cover and reinstall the cabinet panel.

Fig. 2



SPEC SHEET

SPA MODEL	2010-EX/PLATINUM II
SPA DIMENSION	87" X 87" X 37"
NUMBER SEATS	6 ADULTS+1 CHILD
WATER JETS	55
AIR JETS	10
WATER CAPACITY(USG)	325
DRY WEIGHT (LBS/KG)	900/408
FILLED WEIGHT (LBS/KG)	3610/1637
ELECTRICAL RATING (VAC/AMP/HZ)	220-240/1X32 OR 2X16A/50
RCD (AMP)	IEE WIRING REGULATION



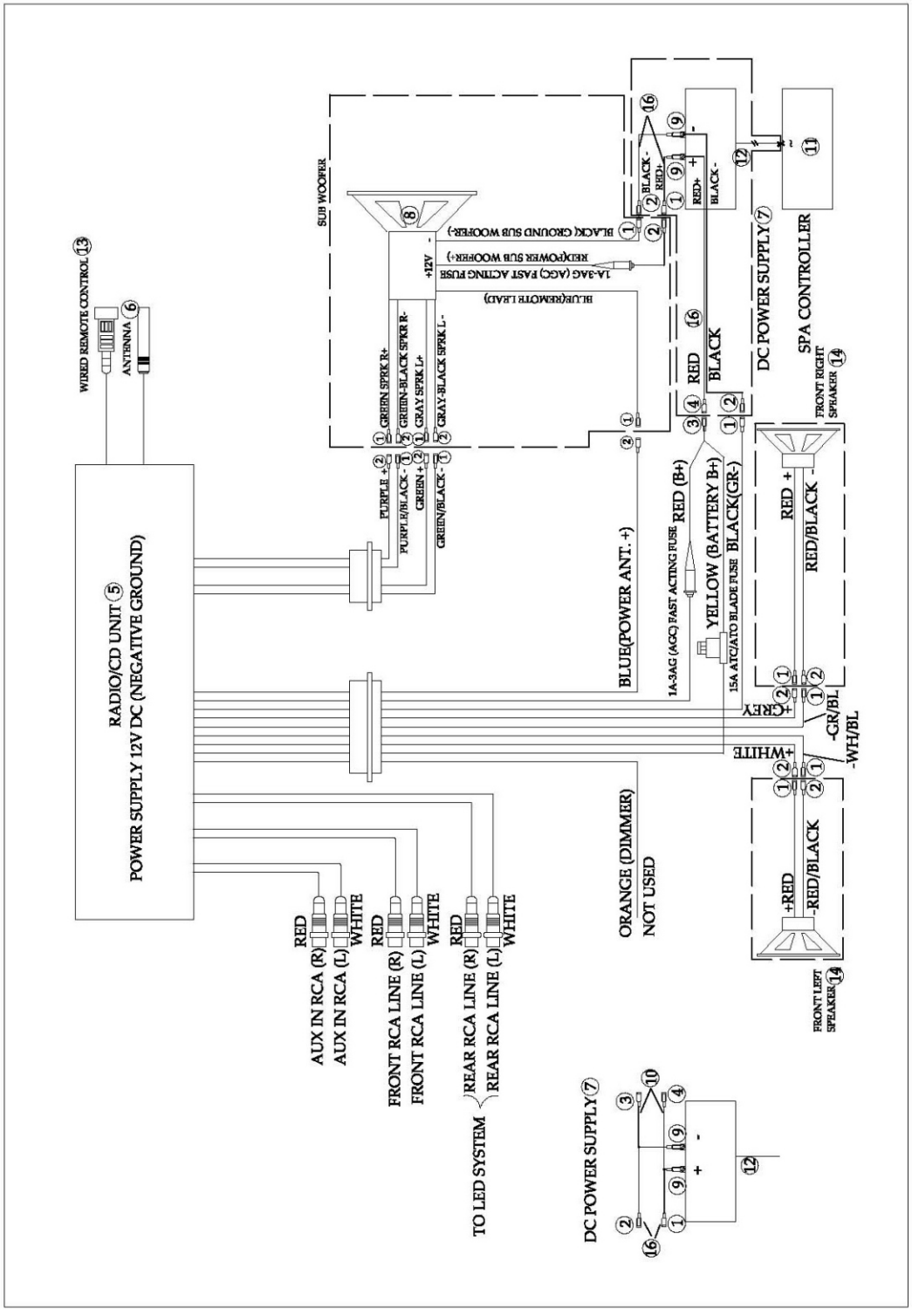
INTERIOR & PLUMBING PARTS

REF. #	ITEM DESCRIPTION	HYDRO SPA PART #	Q-TY	NOTES
1	ADJ. CLUSTER STORM JET(DIR)	212-1550G, 218-5150, 212-1509DSG	26	
2	AIR INJECTOR JET	7822	10	
3	ADJ. WHIRPOOL JET	212-2010G, 218-6680, 212-2069DSG	0	
4	NON ADJ. CLUSTER JET	212-1550G, 218-5150, 212-1499	4	
5	POWER STORM JET(MASSAGE)	212-0040G, 218-6680, 212-7749DSG	3	
6	POLY STORM TWIN ROTO JETS(LARGE FACE)	212-0400G, 218-4010, 212-8179DSG	4	
7	POWER STORM JET(ROTO)	212-0040G, 218-6680, 212-7609DSG	1	
8	POWER STORM JET(DIR)	212-0040G, 218-6680, 212-7639DSG	8	
9	ADJ CLUSTER STORM JET(PULS.)	212-1550G, 218-5150 212-1529DSG	8	
10	AIR CONTROL	660-3589DSGS	5	
11	HI-FLO SUCTION (200GPM)	640-3609DSG, 640-3639DSG	2/2	
12	WATERFALL VALVE	600-4369 DSG	1	
13	WATERFALL 6"	675-4009DSG	1	
14	LIGHT ASS. W. LED	252-42000, 7096	1	
15	WEIR DOOR FILTER	HS550109S	1	
16	FILTER LID	HS519-0209-DSG	1	
17	50 SQ. FT FILTER CARTRIDGE	6136	2	
18	PILLOW	3031	3	
19	WALL FITTING	7818	1	
20	DIVERTER CONTROL	600-3049DSG S	1	
21	AROMATHERAPY INJECTOR, AROMA GARDENIA	7820, 230-40-500	1/1	
22	POWER SUPPLY 230VAC/12VDC/15A	6156	1	
23	ACRYLIC 100" X 100"	7601	1	
24	SPA FLOOR DRAIN WITH VALVE/OZONE FITTING	640-4449 DSG, 7379	1/1	
25	THERMOWELL	7819	0	
26	SPA SIDE CONTROL	52798, 11638	1	ML700
27	PILLOW(SMALL)	3032	1	
28	SPA COVER (BROWN), SPA COVER LIFT	7638, 7315	1/1	87" X 87" X 10RC H22
29	SPA PANELS (CORNER R7 X32", GAP LAP TRIM 32")	7726/7729	8/8	RED OAK
30	SPA PANELS (SIDING 3" X 32", 3" X 27", 6" X 27")	7727/7734/7735	56/36/4	RED OAK
31	RADIO/CD,ANT,BEZEL,REMOTE,SPEAKERS,SUB W	6148,6153,6149,6150,675-031DSG,6152	1/1/1/1/2/1	

EQUIPMENT ASS. & MANUAL

N/A	ELECTRICAL CONTROL HSEX2000	54503	1	220-240VAC/1X32A OR 2X16A/50HZ
N/A	PUMP 1 ASS.(MOTOR, CORD, WETEND, P. UNION)	5041, 6023, 310-1930, 400-5650	1	230V/9.2/3.3A/2SP/50HZ(SEATS 1,5+WF)
N/A	PUMP 2 ASS.(MOTOR, CORD, WETEND, P. UNION)	7675, 6024, 310-1930, 400-5650	1	230V/9.0A/1SP/50HZ (1/2WF+S2,3//1/2FW + S4,6)
N/A	CIRCULATION PUMP ASS.	6146	1	230V/0.63A/1/15HP/50HZ
N/A	BLOWER	6142	1	230V/1HP/50HZ
N/A	OZONE GENERATOR	5048	1	230V/50HZ
N/A	OWNER'S MANUAL	7897	1	COSTCO 2010/EXPORT

AUDIO SYSTEM DIAGRAM

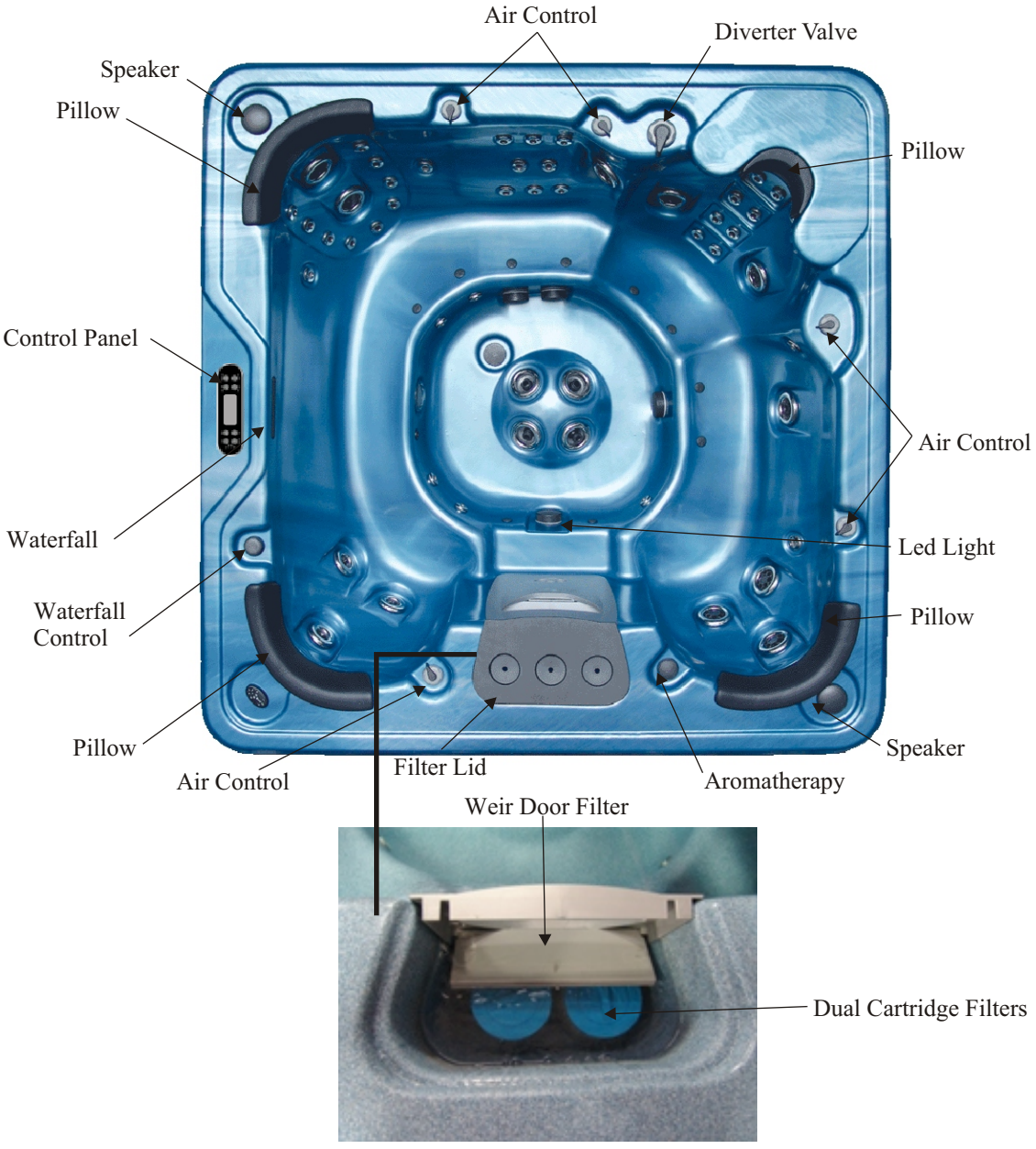


FILLING THE SPA WITH WATER

Clear all debris from inside the spa. At the factory your spa shell was cleaned and polished, but you may want to treat it with a specially formulated spa cleaner. Make sure the spa has been installed correctly, including electrical wiring connections as specified in the wiring diagram, and the spa is level.

Do Not Over Fill. Never fill the spa with water from a water softener, or use hot water while filling. Ensure that the spa drain is shut off. Remove the filter lid. Place a garden hose into the filter housing and begin filling with clean water. Continue filling spa until the water level is 2 inches above the highest water jet. Remember every person entering a spa displaces a given volume of water, so adjust water level to number of people who will be entering spa. If your water is extremely "hard", it is preferable to fill halfway with hard water and the rest of the way with softened water. Or, you may fill the entire spa with hard water if you use a special water additive.

Always refill spa through one filter housing to purge any trapped air from pump intakes. Failure to do so may cause air to be trapped in the circulation pumps intake creating an air lock and preventing pump from circulating water. Ensure both slide valves are fully open as seen in figure 2 on page 4. Make sure filter cartridge is clean before installing. See "Cleaning the Filter" for specific cleaning procedures (see page 14).



START UP INSTRUCTIONS

• Turn on the power to the spa at the home circuit breaker. The GFCI circuit breaker must be tested before each use of the spa. Press the "Test" button on the breaker; the circuit breaker should go to the tripped position. Reset the GFCI and ensure it stays on. The spa's Display goes through specific sequences. At first the Display will show a series of four numbers. The first three numbers in combination are called the software ID. Following the software ID will be either 12 or 24, indicating the heater wattage the software is configured for. After any power-up, the spa first goes into priming mode indicated by "Pr". During this mode heating is disabled. All pumps can be turned on to any available speeds (as needed for priming) from the front panel. To exit Priming mode and begin normal spa operation, press any set temperature button (Up/Down). The filtration pump will automatically activate. The filtration pump is turned on and doesn't turn off unless the detected temperature rises 3 degrees above the set temperature. As soon as "Pr" is indicated on the topside panel, push the Jets 1 and Jets 2 buttons to start the pumps. Push buttons until both pumps are on high speed. If the pumps have not primed after two minutes, and water is not flowing from jets in the spa, do not allow the pumps to continue to run. Turn the power off at main panel and vent air from the pumps. Do this loosening the union nuts on the discharge side of pumps. Turn the power back on at main panel. This will initiate a new pump-priming mode. Sometimes momentarily turning pumps off and on will help to prime. Do not do this more than five times. Check and adjust, if necessary, the water and airflow of every jet. See Air Volume control and Adjusting Jets sections for details. The priming mode will time out after 4 minutes. The filtration pump and ozone generator will automatically turn on. After 6 minutes the actual water temperature will be displayed and heater will turn on if heat is required. The blower purges all air lines for 30 seconds and pump 1 (low) and pump 2 (high) purge all water lines for 5 minutes.

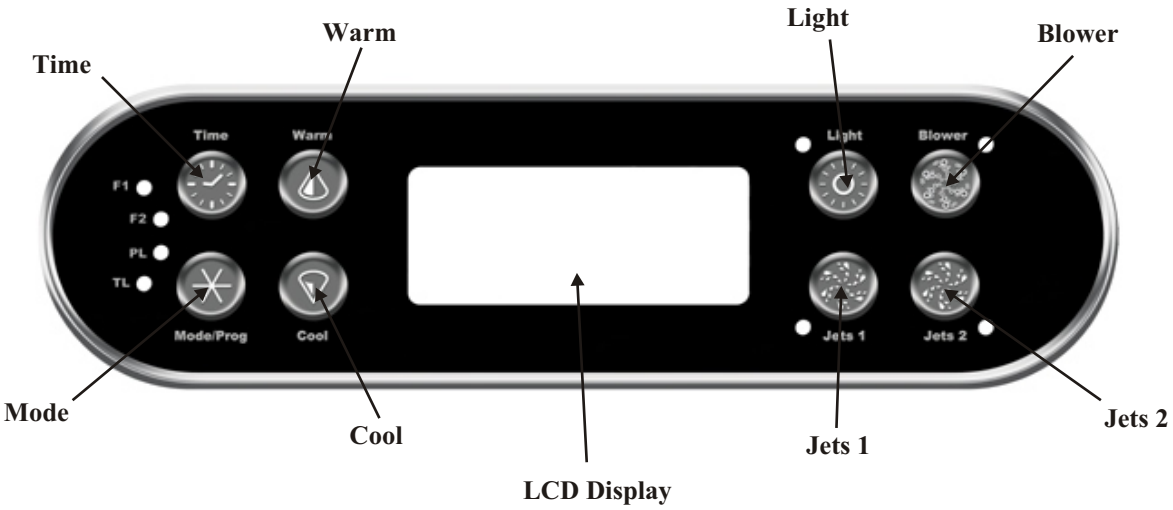
• Set Hot Tub To Heat - To adjust your spa water temperature press the WARM or COOL button pad. Default setting is 100F. The set temperature advances or decreases by one degree each time one of these buttons is pressed. The heater will turn off when the temperature corresponding to the thermostat setting is achieved. The heater will reactivate after the water temperature cools to approximately 1F below the set temperature. Setting the thermostat at maximum position will not accelerate the heating process. This will only result in a higher ultimate temperature. The Heat icon light is on when the heater is activated.

Add the Start-Up Chemical as recommended. Refer to Page16 for general guidance.

- Place the Spa Cover On the spa
- Keeping the insulating cover in place anytime the hot tub is not in use will reduce the time for heating, thereby minimizing operating costs.
- The time required for initial heat-up will vary depending on the starting water temperature and ambient condition.

OPERATING INSTRUCTIONS

Your spa is equipped with a topside control panel, air control knobs, on-off waterfall valve, aromatherapy canister, and diverter valve. All controls are located on the top rail of the spa. These controls let you operate many of the special features on your spa. The main control panel controls all of the spa functions. The heater indicator LED light and LCD display will aid in determining the status of the spa. By familiarizing yourself with following information, you will be able to gain the full benefit afforded by the various functions of your spa.



OPERATING INSTRUCTIONS

Icon Legend:

- Heat icon — Indicates different stages of heating.
- Jets icon — Spins fast on high speed; spins slow on low speed.
- Light icon — Indicates the spa light is on or off.
- Fl, F2 — Filter cycle 1 or 2 indicator icon.
- PL, TL — Locking Panel or Set Temperature indicator icon.

Warm/Cool
Press the "**Warm**" or "**Cool**" button once to display the set temperature. Each time either button is pressed again, the set temperature will increase or decrease depending on which button is pressed. After three seconds, the LCD display will automatically display the current temperature of the spa water.

Mode/Program
Mode is changed by pressing the "**Warm**" or "**Cool**" button, then pressing the "Mode" button.

- **Standard Mode** is programmed to maintain the desired temperature. Note that the last measured spa temperature displayed is current only when the circulation pump has been running for at least 2 minutes. "***Std*** " will be displayed momentarily when you switch into Standard Mode.

- **Economy Mode** heats the spa to the set temperature only during filter cycles (see page 13). "***Ecn***" will display solid when temperature is not current, and will alternate with temperature when temperature is current.

- **Sleep Mode** heats the spa to within 20°F/10°C of the set temperature only during filter cycles (see page 13). "***SLP*** " will display solid when temperature is not current, and will alternate when temperature is current.

- **Standby Mode -** Pressing "**Warm**" or "**Cool**" then "**Jets2**" button will turn off all spa functions temporarily. This is helpful when changing filter cartridges. Press any button to exit the Standby mode.

Jets 1
Press the "**Jets 1**" button to turn pump 1 on or off, and to shift between low and high speeds. If left running, the low speed turns off after two hours and high speed turns off after 15 minutes.

Jets 2
Press the "**Jets 2**" button to turn pump 2 on or off. If left running, the pump 2 turns off after 15 minutes.

Blower
Press the "**Blower**" button to turn blower on or off. If left running, the blower turns off after 15 minutes.
(OPERATING INSTRUCTIONS CONTINUED)

Invert LCD Display
Press "Warm" or "Cool" button, followed by the "Aux" button to change the numbers in the display to read upside down.

LED Light
Press the "**Light**" button to turn the spa light system on and off. The LED light system is preprogrammed with an assortment of lighting effects. When you turn the Light off and turn on again within five (5) seconds it advances to the next effect. When you turn Light off for more than five (5) seconds, it remembers that last effect you selected. The next time you turn the lights on, the Light will display the same effect. The Light will automatically turn off after approximately four (4) hours.

The following sequence effects can be selected via on-off Light button:
1) Color wheel; 2) Music modulated mode; 3-8) Different colors; 9) Flashing through the color sequence.

OPERATING INSTRUCTIONS

Time

When time hasn't been programmed, the "*TIME* " icon flashes. *(Systems are not preserved in the event of power loss; time will have to be reprogrammed upon each power up.)*

Setting the Time
Once the spa has been properly connected the first time (every power up on the EL1000 and some EL2000 systems), notice the "*TIME*" icon appearing on the screen.

1. Press 

then 

2. Select the hour by pressing 

or 

(Each press changes the time by 1 hour). Press 

to enter.

3. Select minutes by pressing 

or 

(Each press changes the time by 1 minute).

Press 

to exit the time setting procedure and enter the optional filter cycle programming.

4. Press 

to exit programming.

Filtration Pump
Your system is equipped with a filtration pump, which provides continuous (24-hour) water circulation and filtration. The filtration pump turns over the entire spa water capacity at a minimum of 3 times every hour. It works like this: a dedicated, energy efficient filtration pump constantly draws water from the spa, runs it through the filter and the heater (heating only when necessary), then back to the spa. The ozone output is on whenever the filtration pump is running except when the jet pump or blower is activated by the user. The ozone generator will turn off for one (1) hour any time a function button (Jets 1, Jets 2 or Blower.) is pressed. The filtration pump will turn off for 30 minutes at a time when the water temperature reaches 3F (1.5C) above the set temperature (most likely this will happen in a very hot climate or during summer).

Heater
Your spa is equipped with an electrical heater. By setting your thermostat to the desired temperature, your heater will automatically turn on and off as needed. The temperature set point (set temperature) can be adjusted from 80F to 104F/26C-40C. To raise the set temperature press the "***Warm***" button. To lower the set temperature, press the "Cool" button. The start up temperature is set at 100F (37.5C). The last measured temperature is constantly displayed on the LCD display.

- In Economy mode the heater heats the spa water only during filter cycles.
- In sleep mode the heater heats the spa water to within 20F (11C) of set temperature only during filter cycles.

Preset Filter Cycles ***(For use during Economy {ECN}or Sleep {SLP}modes)***
The first filter cycle begins 6 minutes after the spa is energized. The second filter cycle begins 12 hours later. Filter duration is programmable for 2, 4, 6, and 8 hours or for continuous filtration (indicated by "***FILC*** "). The default filter time is 2 hours. To program, press "**Warm**" or "**Cool**", then "**Jets 1**". Press "Warm" or "Cool" to adjust. Press "Jets 1" to exit programming. At the beginning of each filter cycle the blower purges for 30 seconds; the pumps purge for 5 minutes. The only effect filter duration has is: 1) During the filter, the circ pump never turns off, and 2) In Economy and Sleep Modes, heating only occurs during the filter cycle.

OPERATING INSTRUCTIONS

Optional Filter Cycle Programming
If you wish to change the filter cycle settings: Press “Time” “Mode/Prog” “Mode/Prog” Mode/Prog” within 3 seconds. You will see the “PROGRAM,” “FILTER 1” and “START TIME” icons appear on the display. Press “Warm” or “Cool” to choose the filter start time hour. Enter the hour by pressing “Mode/Prog”. Press “Warm” or “Cool” to choose the filter start time minutes. Each press changes the start time by 5 minutes. Enter the minutes by pressing “Mode/Prog.” Press “Mode/Prog” to see the “PROGRAM,” “FILTER 1” and “END TIME” icons. Adjust the time as done above. Press “Mode/Prog” to see the “PROGRAM,” “FILTER 2” and “START TIME” icons. Proceed as above. Press “Mode/Prog” to see “PROGRAM,” “FILTER 2” and “END TIME” icons. Adjust the time as done above. Pressing “Mode/Prog” will enter the new filter cycle times into the system and display the current water temperature. ***Pressing “Time” at any time during this programming sequence will save the values entered up to that point and exit programming***. If you would like to select continuous filtration, set the filter 1 start and end times to be the exact same time. In this case, the filter 2 start time only controls when the second purge happens. Filter 2 end time will be unavailable.

Ozone Water Maintenance System
Your spa is equipped with ozone purification system, which keeps the spa water fresh and clear longer, reducing the frequency of chemical sanitizer use, and increasing the time between complete spa draining. The ozone generator operates in conjunction with the filtration pump. The ozone generator is on any time the filtration pump is running, and it will turn off for one (1) hour any time a function button (Jets 1, Jets 2, or Blower.) is pressed.

Freeze Protection
If the temperature sensors within the heater detect a temperature drop to 44F (6.7C), the pump automatically activates to provide freeze protection. The equipment stays on until four (4) minutes after the sensors detect that the spa water temperature has risen to 45F (7.2C) or higher.

Locking the panel
If you wish to lock the control panel, press "Time", "Jets 1" then "Warm" buttons within three (3) seconds. When locked, the "PL" indicator light will light. All buttons are frozen except the "Time" button. To unlock the panel, press "Time", "Jets 1" then "Cool".

Locking the temperature setting
Press "Warm" or "Cool" then "Time", "Jets 1", and "Warm" buttons within three (3) seconds to activate lock. When locked, the "TL" indicator light will light when the set temperature is locked. To unlock the set temperature, press "Warm" or "Cool" then "Time", "Jets 1", and "Cool".

Air Volume Control
The spa is equipped with Air Volume Controls, which control each jet system or “zone”. These controls allow you to regulate the amount of air mixed with the water entering through the jets. Counterclockwise rotation adds more air and clockwise rotation reduces airflow. To minimize heat loss, these controls should be closed when the spa is not in use.

Waterfall control
Turn the waterfall valve clockwise to decrease or turn off waterfall output. It takes four full revolutions to change the waterfall from a “full-off” to a “full-on” flow rate.

Adjusting Jets
All jets in your spa can be adjusted for high and low impact, providing an ultimate massage. Each jet has its own water volume and directional or oscillating flow adjustment. To adjust jets: Turn outer dial counterclockwise to increase water volume. Turn outer dial clockwise to decrease water volume or to turn jet off. For adjustment of the directional jets move the nozzle to any angle.

Aromatherapy
Simply remove the Aromatherapy injector cap, drop in the injector basket of your favorite scented beads. When the blower is activated, the scent will be released into the spa vapor through the jet's air injectors. Please call 1-727-573-9611 or visit www.platinumhottubs.com on line for replacement aromatherapy beads.

Diverter Valve
This control allows you to regulate the amount of water distributed by pump 2 from seat to seat.

OPERATING INSTRUCTIONS

Audio System
This spa includes an AM/FM/CD/MP3 stereo receiver with two speakers and a sub woofer for unsurpassed sound quality and long life. The speakers, located on the spa's corners are designed for manual exposure and retraction. To expose each speaker simply press downward on each enclosure to unlatch its pop-up mechanism, then release. To retract each speaker before covering spa, gently press downward on each enclosure you will feel a slight “click”, then release. The sub woofer is located inside the cabinet in the right corner of the cabinet on the same side the access door is located. The audio system is equipped with remote control panel for safe and easy operation from within the spa.

- For spas equipped with an audio system, please read these additional safety instructions:
    - **Caution - Risk of Electric Shock.** Do not leave audio compartment door and cover open.
        - **Caution - Risk of Electric Shock** Replace audio components only with identical components.
        - **Do not operate audio equipment while inside the spa.**
        - **Warning - Prevent Electrocution** Do not connect any auxiliary components. For example, cable, additional speakers, headphones, etc. to the system.
        - **This unit is provided with an internal antenna and is not provided with an outdoor antenna; when provided, it should be installed in accordance with Article 810 of the National Electrical Code, ANSI/NFPA 70.**

Caution: Never step on, or sit on speaker enclosures.
Always retract speakers prior to covering spa.

SAVE THESE INSTRUCTIONS

ERROR CODE IDENTIFICATION

For details see the Audio System Manual, and Audio connection diagram. (See page 12) Visit www.platinumhottobs.com on line to download the Audio System Manual.

DISPLAY MESSAGE	REASON	REQUIRED ACTION
	No message on display. Power has been cut off to spa.	The control panel will be disabled until power returns. The system will reset the time of day on each power up. Spa settings are preserved.
OHH	Overheat - The spa has shut down. One of the sensors detected 118 degrees F (approximately 47.8 degrees C) at the heater.	Do not enter the water. Remove the spa cover and allow the water to cool. Once the heater has cooled, reset by pushing any button. If the spa does not reset, shut off the power to the spa and call your dealer or service.
OHS	Overheat"- The spa has shut down. One of the sensors detected that the spa water is 11O degrees F (approximately 43.3 degrees C).	Do not enter the water. Remove the spa cover and allow the water to cool. At 107 degrees F (approximately 41.7 degrees F), the spa should automatically reset. If the spa does not reset, shut off the power to the spa and call your dealer for service.
ICE	Ice" - Potential freeze condition detected.	No action required. The pumps and the blower will automatically activate regardless of the spa status.
SnA	Spa is shut down. The sensor that is plugged into the "Sensor A" jack is not working correctly.	Check the sensor "A" plug connection to circuit board. If the problem persists, contact your dealer for service. (The problem may appear temporarily in an overheat situation and disappear when the heater cools).
SnS	Sensors are out of balance. If this is alternating with temperature, it may just be temporary condition. If the display shows only this message (periodically blinking), the spa is shut down.	If the problem persists, contact your dealer for service.
HFL	A substantial difference between sensors was detected. This could indicate a flow problem.	Check water level in spa. Add water if necessary. Be sure that slide valves are open. Make sure the circulation pump has been primed and has power.
LF	Persistent low flow problems. Displays on the fifth occurrence of the "HFL" message within 24 hours. Heater is shut down, but other spa functions to run normally.	Follow actions required for "HFL" message. Heating capacity of the spa will not reset automatically; you may press any button to reset or cycle the power off and on.
dr	Inadequate water detected in heater. Displays on third occurrence of "dr" message. Spa is shut down for 15 minutes.	Check water level in spa. Add water if necessary. Be sure that slide valves are open. Make sure the circulation pump has been primed and has power. On the third consecutive occurrence of the “dr” message (without a successful heating cycle in between) the panel will display “dr4”.
dry	Inadequate water detected in heater. Displays on third occurrence of "dr" message. Spa is shut down and will not reset in 15 minutes.	Check water level in spa. Add water if necessary. Be sure that slide valves are open. Make sure the circulation pump has been primed and has power. Press any button to reset.
Pr	When your spa is first activated, it will go into priming mode.	See the 24-hour circulation pump operation. The priming mode will last for up to four minutes and then the spa will begin to heat and maintain the water temperature in standard mode.
- - F or - - C	Temperature unknown	After 6 minutes in “Pr" mode, the temperature will be displayed.
Snb	Spa is shut down. The sensor that is plugged into the Sensor “B" jack is not working.	If the problem persists, contact your dealer or service organization. (May appear temporarily in an overheat situation and disappear when the heater cools.)
- - -	Temperature not current in Economy or Sleep mode.	In Economy or Sleep mode, the pump may be off for hours outside a filter. If you wish to see the current spa temperature, either switch to Standard mode or turn Jets 1 on for at least 1 minute.
Sby	Standby Mode has been activated by pressing a button combination on the user panel.	Press any button, except “Jets 1”, to exit the Standby Mode, and return to normal operation.

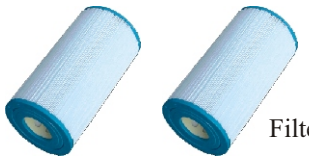
SPA CARE AND MAINTENANCE

Draining and Refilling Your spa

WARNING!

To prevent damage to spa's components, turn off power before draining it. Do not turn the power back on until your spa has been refilled.
To gain access to the spa drain valve, remove the cabinet panel on the side of the spa under the control panel. Fig. 5
Select a safe suitable drainage capable of safely assimilating 325Gallons of water which may contain both unsanitary contaminants and chemical residue that could cause harm to plants and grass.
Locate the drain valve on left side of control box.
Remove the front cap to expose underlying male hose threads.
Attach garden hose to exposed threads.
Gently rotate valve body 1/3 turn counterclockwise to unlock drain valve
Pull the valve body outward to open drain.
After spa drains, perform all steps in reverse order to close drain prior to refilling spa. After refilling spa turn on power to spa and follow the steps under “Start Up Instruction”. Always fill your spa through both filter wall fittings.

Filter cleaning and Cartridge Replacement. Turn power off before cleaning filter cartridges.
The Filter cartridges should be checked periodically. In normal use, check them at least once a month. Keep them clean. An obstructed filter cartridges reduce water quality and inhibit proper system performance.
Removable filter cartridges are located inside the filter well. To remove them lift the filter lid, then rotate each filter cartridge counterclockwise to unthread from mating wall fitting.
Remove both cartridges from filter well.
Use a garden hose with straight flow nozzle to wash down the filter element. Work from the top down, holding the nozzle at 45 degree angle, and wash all the pleats with emphasis between pleats.
Rinse until all dirt and debris is gone.
Replacement cartridges may be purchased Part # 6136.


Filter Elements

Care Of The Exterior

Spa Shell
Your spa shell is made of acrylic. Stains and dirt generally will not adhere to the surface. Using a soft rag or a nylon scrubber should easily remove most dirt. Most household chemicals are harmful to your spa’s shell. See your dealer for the best product to use. The only products which have passed the manufacturer’s test are Soft Towel and Windex. Sodium bicarbonate (baking soda) can also be used for minor surface cleaning. Always thoroughly rinse off any spa shell cleaning agent with fresh water.

NOTES: Iron and copper in the water can stain the spa shell if allowed to go unchecked. Ask your Hydro Spa dealer about a stain and scale inhibitor to use if your spa water has a high concentration of dissolved minerals.

The use of alcohol or any household cleaners other than those listed to clean the spa shell surface is NOT recommended. **DO NOT** use any cleaning products containing abrasives or solvents since they may damage the shell surface. **NEVER USE HARSH CHEMICALS!** Damage to the shell by the use of harsh chemicals is not covered under the warranty.

IMPORTANT: Some surface cleaners contain eye and skin irritants. Keep all cleaners out of the reach of children and use care when applying.

Maintenance Free Cabinet
The Platinum I Spa consists of a rigid polymer that combines the durability of plastic with the beauty of a redwood looking cabinet. The cabinet will not crack, peel, blister or delaminate. Cleaning consists of simply spraying the cabinet with a mild soap and water solution to remove any stains and residue.

Pillow care

Remove and clean the headrest pillows as needed with soapy water using a cloth or soft-bristle brush. Always remove the pillows when adding chemical shock treatment to the spa water. The pillows can be returned to the spa when sanitizer reading drops below 5ppm. Never attempt to remove the pillows by pulling on them. Grasp pillow with finger tips and gently pry outward from spa shell.

SPA CARE AND MAINTENANCE

Care Of Spa Cover

To clean and condition the vinyl cover:

- Remove the cover from the spa and gently lean it up against a wall or fence.
- Using a garden hose, spray the cover to loosen and rinse away any dirt or debris.
- Using a sponge and/or a soft bristle brush, and using a very mild soap solution (one teaspoon dishwashing liquid with two gallons of water), or baking soda (sodium bicarbonate), scrub the vinyl top in a circular motion. Do not let the vinyl dry with a soap film on it before it can be rinsed clean.
- Scrub the cover's perimeter and side flaps. Rinse clean with water.
- Rinse off the underside of the cover with water only (use no soap), and wipe it clean with a dry rag.
- To condition the cover after cleaning, apply a thin film of vinyl cleaner to the surface and buff to a high luster.

Important reminders:

- DO NOT walk or stand on top of cover (unless you own a "walk-on-cover".
- DO remove snow buildup to avoid breakage of the foam core from the additional weight of the snow.
- DO lock cover locking straps to secure the cover when the spa is not in use.
- DO NOT drag or lift the spa cover using either of the flaps, or the cover lock straps.

Vacation Care Of Spa
Following these instructions to ensure that the water quality of your spa is maintained:

For Short Periods (3 to 5 days)
Adjust the pH
Sanitize the water
Lock cover for safety

For Long Periods (5 to 14 days)
Set temperature to its lowest level approximate water temperature of 80^0F.
Adjust the pH
Sanitize the water
Lock cover for safety

Return Procedures
Sanitize the water following shock procedures
Return water temperature to original setting
Insure chlorine level had dropped below 5.0 ppm

NOTE: If you plan on not using your spa for periods exceeding 14 days, you may ask a family member or neighbor to assist with your spa maintenance, and if not available you will need to drain or winterize spa.

Winterizing Your Spa
During the cold weather you may not wish to use your spa outside. In this case you may move it to a heated area, or leave it until the weather warms up.

WARNING: Allowing your spa water to freeze will cause severe damage to the spa shell, equipment, and plumbing and **WILL VOID WARRANTY.**

The following steps should protect your spa from freezing:

- Disconnect the spa from the power supply.
- Remove the screws holding your spa excess panel door.
- Open the valve, open the pumps plugs, and the spa will drain by gravity flow.
- Remove the filter cartridge, then clean and store in a dry place.
- Attach a wet/dry shop vac (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. (Should take no more than 5 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.
- Leave the drain open.
- Close the spa cover and fasten with tie down safety locks.

WATER QUALITY AND MAINTENANCE

Water Quality In Your Spa
The quality of the water in your spa is important and must be kept clean. Your program will vary depending on your water's mineral content, and how often you use your spa, and the amount of people using it.

Here are our suggested step-by-step procedures:

General Information - The three fundamental areas of water maintenance.
* Water Filtration * Chemical Balance/pH Control * Water Sanitation

Water sanitation is the owners responsibility of maintaining clean quality water in your spa, and is achieved through the regular and periodic (daily), if necessary addition of an approved sanitizer. The sanitizer will chemically control the bacteria and viruses present in the fill water or introduced during the use of the spa. Bacteria and viruses can grow quickly in undersanitized spa water.

The water's chemical balance and pH control are also your responsibility. You will have to add chemicals to maintain proper levels of Total Alkalinity (TA), Calcium Hardness (CH) and pH. Proper water balance and pH control will minimize scale buildup and corrosion of metals, extend the life of the spa, and allow the sanitizer to work at maximum efficiency.

Methods For Testing Spa Water
Accurate water testing and analysis are an important part of effectively maintaining your spa water. You must have the ability to test for:

- Total Alkalinity (TA)
- pH
- Calcium Hardness (CH)
- Sanitizer

Two types of testing methods are recognized and recommended:

- **Reagent Test Kit** is a method which provides a high level of accuracy. They come in either liquid or tablet form.
- **Test Strips** are a convenient testing method used by many spa owners. Keep in mind that test strips are susceptible to heat and moisture.

Basic Chemical Safety
When using chemicals, always read the labels carefully and follow directions. Though chemicals protect you and your spa when used correctly, they can be hazardous in concentrated form. Observe the following guidelines:

- Allow only a responsible person to handle spa chemicals **KEEP OUT OF THE REACH OF CHILDREN.**
- Accurately measure the exact quantities specified, never more. Do not overdose your spa.
- Handle all containers with care. Store in a cool, dry well ventilated place.
- Always keep chemical containers closed when not in use. Replace caps on their proper containers.
- Don't inhale fumes, or allow chemicals to come in contact with your eyes, nose, or mouth. Wash your hands immediately afer each use.
- Follow the emergency advice on the product label in case of accidental contact, or if the chemical is swallowed. Call a doctor or the local Poison Control Center. If a doctor is needed, take the product container along with you so that the substance can be identified.
- Don't let chemicals get on surrounding surfaces or landscaping. Rinse off with fresh water if spilled.
- Never smoke around chemicals. Some of the fumes can be highly flammable.

Adding Spa Chemicals:

- Fold back the spa cover. Carefully remove and set aside the filter lid.
- Push the **JETS1** button to turn on the pump 1 to provide high water flow.
- Carefully measure the recommended amount of chemical and slowly pour it into the filter compartment. Use care not to splash chemicals on your hands, eyes, or on the spa shell surface or cabinet.
- Replace filter lid and run spa for 10 minutes on high speed. Re-install spa cover.

IMPORTANT: Super Cholorination/Non-Chlorine Shock Treatment - **NOTE:** After administering a super chlorination treatment or non-chlorine shock to your spa, leave the cover open for a minimum of 20 minutes to allow the oxidizer gas to vent. A high concentration of trapped oxidizer gas which may exist as a result of the shock treatment (not daily sanitation) may eventually cause discoloration or vinyl degradation to the bottom of the cover. This type of damage is considered chemical abuse and is not covered

WATER QUALITY AND MAINTENANCE

Balancing Total Alkalinity (TA)

- The recommended Total Alkalinity (TA) for your spa water is 125-150 ppm.
- Total Alkalinity is measure of the total levels of carbonates, bicarbonates, hydroxides, and other alkaline substances in the water. TA is referred to as the water's "pH buffer". It's a measure of the ability of the water to resist changes in pH level.
- If the TA is too low, the pH level will fluctuate widely from high to low. Fluctuations in pH can cause corrosion or scaling of spa components. Low TA can be corrected by adding pH/Alkalinity UP (sodium hydrogen carbonate).
- If the TA is too high, the pH level will tend to be high and may be difficult to bring down. It can be lowered by adding pH/Alkalinity down (sodium bisulfate).
- Once the TA is balanced, it normally remains stable, although the addition of more water with a high or low alkalinity will raise or lower the TA reading of the water.
- When the Total Alkalinity is within the recommended range, proceed.

Balancing Calcium Hardness (CH)

- The recommended Calcium Hardness (CH) level for your spa is 150-200ppm.
- Calcium Hardness is a measure of the total amount of dissolved calcium in the water. Calcium helps control the corrosive nature of the spa's water. That's why calcium-low water (commonly know as "soft" water) is not recommended. It is very corrosive to the equipment, and can cause staining of the spa shell. If the calcium level is too low, we recommend using Calcium Increaser to bring the calcium hardness level to within the recommended range.
- If the CH is too high (commonly know as "hard" water), formation of scale on the spa's shell surface and equipment can result. CH can be decreased by dilution - a mixture of 75% hard and 25% soft water will be a good starting point. If soft water is not available, or practical for you, a stain and scale control such as Scale Defense should be added to the spa water, according to instructions on its label.
- Once the CH is balanced, it normally remains stable, although the addition of more water with a high or low calcium content will raise or lower the CH reading of the water.
- When the Calcium Hardness is within the recommended range, proceed.

Balancing The pH

- The recommended pH level for your spa water is 7.4-7.6.
- The pH level is the measure of acidity and alkalinity. Values above 7 are alkaline; those below 7 are acidic.

Maintaining the proper pH level is extremely important:

- Optimizing the effectiveness of the sanitizer.
- Maintaining water that is comfortable for the user.
- Preventing equipment deterioration.

If the spa water's pH level is too low, the following may result:

- The sanitizer will dissipate rapidly.
- The water may become irritating to spa users.
- The spa's equipment may corrode.

If the pH level is too low, it can be increased by adding pH/Alkalinity Up (sodium hydrogen carbonate) to the spa water.

If the pH level is too high, the following may result:

- The sanitizer is less effective.
- Scale will form on the spa shell surface and the equipment.
- The water may become cloudy.
- The filter cartridge pores may become obstructed.

If the pH is too high, it can be decreased by adding pH/Alkalinity Down (Sodium bisulfate) to the spa water.
NOTE: After adding pH/Alkalinity Up (sodium hydrogen carbonate) or pH/Alkalinity Down (sodium bisulfate), wait at least two hours before testing the water for pH. Measurements taken too soon may not be accurate.

- It is important to check the pH on a regular basis. The pH will be affected by the bather load, the addition of new water, the addition of various chemicals, and the type of sanitizer used.
- When the pH is within the recommended range, proceed.

WATER QUALITY AND MAINTENANCE

Maintaining Sanitizer Level

- Sanitizer is extremely important for killing algae, bacteria and viruses, and preventing unwanted organisms from growing in the spa. At the same time, you don't want too high a sanitizer level, or it can irritate your skin, lungs, and eyes.
- Always maintain the sanitizer level in your spa at the recommended level for each type of sanitizer.

Ozone

Hydro Spa's Ozonation System drastically reduces the use of chemicals in the water. This also aids in maintenance requiring less attention from harsh chemicals and less frequency with which they are used.

Water Terminology

Bromamines: Compounds formed when bromine combines with nitrogen from body oils, perspiration, etc. Unlike chloramines, bromamines have no pungent odor, and are effective sanitizers.
Bromine: A halogen sanitizer (in the same chemical family as chlorine). Bromine is commonly used in stick, tablet, or granular form.
Calcium Hardness: The amount of dissolved calcium in the spa water. This should be approximately 150-220 ppm. High levels of calcium can cause cloudy water and scaling. Low levels can cause harm to the spa equipment.
Chloramines: Compounds formed when chlorine combines with nitrogen from body oils, urine, perspiration, etc. Chloramines can cause eye irritation as well as having a strong odor. Unlike bromamines, chloramines are weaker, slower sanitizers.
Chlorine: An efficient sanitizing chemical for spas.
Chlorine (or Bromine) Residual: The amount of chlorine or bromine remaining after chlorine or bromine demand has been satisfied. The residual is, therefore, the amount of sanitizer which is chemically available to kill bacteria, viruses and algae.
Corrosion: The gradual wearing away of metal spa parts, usually caused by chemical action. Generally, corrosion is caused by low pH or by water with levels of TA, CH, pH or sanitizer which are outside the recommended ranges.
DPD: The preferred reagent used in test kits to measure the Free Available Chlorine.
Halogen: Any one of these five elements: fluorine, chlorine, bromine, iodine, and astatine.
MPS: Monopersulfate is the non-chlorine oxidizer used with the purification system.
Nitric Acid: The formulation of nitric acid, a highly corrosive chemical, is a byproduct of the ozone generating process. Nitric acid is produced in very small quantities and is readily dissolved in the water stream with ozone.
Oxidizer: The use of an oxidizing chemical is to prevent the buildup of contaminants, maximize sanitizer efficiency, minimize combined chlorine and improve water clarity.
Ozone: Ozone is a powerful oxidizing agent which is produced in nature and artificially by man. Ozone forms no byproducts of chloramines (ozone actually oxidizes chloramines) and will not alter the water's pH.
Pathogen: A microorganism such as bacterium that cause disease.
pH: The measure of the spa water's acidity and alkalinity. The recommended pH for the spa water is 7.4 to 7.6. Below 7.0 (considered neutral), the spa water is too acidic and can damage the heating system. Above 7.8, the water is too alkaline and can result in cloudy water, and scale formation on the shell and heater.
Reagent: A chemical material in liquid, powder, or tablet form for use in chemical testing.
Sanitizer: Sanitizers are added and maintained at recommended residuals to protect bathers against pathogenic organisms which can cause disease and infection in spa water.
Scale: Rough calcium-bearing deposits that can coat spa surfaces, heaters, plumbing lines and clog filters. Generally, scalling is caused by mineral content combined with high pH. Additionally, scale forms more readily at higher water temperatures.

WATER QUALITY AND MAINTENANCE

Reagent: A chemical material in liquid, powder, or tablet form for use in chemical testing.
Sanitizer: Sanitizers are added and maintained at recommended residuals to protect bathers against pathogenic organisms which can cause disease and infection in spa water.
Scale: Rough calcium-bearing deposits that can coat spa surfaces, heaters, plumbing lines and clog filters. Generally, scalling is caused by mineral content combined with high pH. Additionally, scale forms more readily at higher water temperatures.

SPA WATER MAINTENANCE & TROUBLESHOOTING

Problem	Probable Causes	Solutions
Cloudy Water	Dirty Filter/s Excess oils / organic matter Improper sanitization Suspended particles / organic matter Overused or old water	Clean filter or replace. Shock spa with sanitizer. Add sanitizer. Adjust pH and/or alkalinity. Run jet pump(s) and clean filter. Drain and refill spa.
Water Odor	Excessive organics in water Improper sanitization Low pH	Shock spa with sanitizer. Add sanitizer. Adjust pH to recommended range.
Chlorine Odor	Chloramine level too high Low pH	Shock spa with sanitizer Adjust pH to recommended range.
Musty Odor	Bacteria or algae growth	Shock spa with sanitizer - if problem is visible or persistent, drain, clean and refill spa.
Organic buildup / scum ring around spa	Build-up of oils and dirt	Wipe off scum with clean rag - if severe, drain the spa, use a spa surface and tile cleaner to remove the scum, and refill spa.
Algae Growth	High pH Low sanitizer level	Shock spa with sanitizer and adjust pH Shock spa with sanitizer and maintain sanitizer level.
Eye Irritation	Low pH Low sanitizer level	Adjust pH. Shock spa with sanitizer and maintain sanitizer level.
Skin Irritation / Rash	Unsanitary water Free chlorine level above 5 ppm	Shock spa with sanitizer and maintain sanitizer level. Allow free chlorine level to drop below 5 ppm.
Stains	Total alkalinity and/or pH too low High iron or copper in source water	Adjust total alkalinity and/or pH. Use a metal deposit inhibitor.
Scale	High calcium content in water - total alkalinity and pH too high	Adjust total alkalinity and pH - If scale requires removal, drain the spa, scrub off the scale, refill the spa and balance the water.

SPA CARE AND MAINTENANCE RECORD

Date	Drain & Clean Spa	Spray Clean or Soak Filter Element	Replace Filter Element	Winterize Spa	Clean & Condition Vinyl Cover	Clean Cabinet	Service

Notes: _____

_____

_____

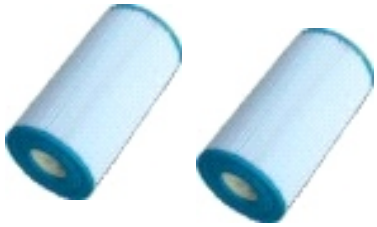
_____

_____

_____

SPA ACCESSORIES

Congratulations on the purchase of your new Platinum Spa. We have created a one stop shopping experience to enhance the enjoyment of your new spa. To purchase we invite you to visit www.platinumhottubs.com or call **1-727-573-9611** for all your spa accessory needs including filters, chemicals, complete spa care kits, spa testing strips, assorted aroma therapy beads, storage boxes, spa toys, bar stool sets, spa handrail, and a complete line of spa parts, motors, pumps, jets and much more.



Filters
Part # 6136

Start UP Spa Kit
Part # 7127

Deluxe Bromine Complete Spa Kit
Part # 7341

Spa Testing Strips
Part # 7644

Mineral Stick
Part # 7172

Bromine Tabs
Part # 7226

Spa Steps
Red
Part # 7077

Spa Vac
Part # 7831

Spa Handrail
Part # 7240

Spa Bar Set
Bar Part # 7807
Stools Part # 7646

Platinum II

Owners Manual
PN 7908-A

6101 N. 45th Street
St. Petersburg, Florida 33714