

# Premium Leisure LLC

SWIM SPAS OWNER'S INSERT

MODELS: Aquatica



Premium Leisure, LLC  
6101 45<sup>th</sup> St. N.  
St. Petersburg, FL 33714  
727.573.9611  
[www.PremiumLeisure.com](http://www.PremiumLeisure.com)

Part Number 7068A

Revised 02/2013

## Owner's Information

Dealer:

Date Purchased: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Installer:

Date Installed: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Swim Spa:

Date Delivered: \_\_\_\_\_

Model: \_\_\_\_\_

Color: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Your unique swim spa serial number is located on a data plate outside the cabinet at ground level. When calling for service, please have your serial number in hand.

## IMPORTANT INFORMATION

This Manual Insert is In addition to the Swim Spas Owners Manual (Part Number 7068) and relates to the Aquatica line Swim Spa only.


For all other information regarding the use and servicing of your Swim Spa please referance the Swim Spas Owners Manual included with your Swim Spa.





**ML900 AquaTica 14, 16, 18 Topside Control Panel**

## Main Control Panel ML900

Legend:

 Heat icon: Indicates different stages of heating

 Jets icon: Spins fast on high speed; spins slow on low speed

 Light icon: Light is on/off

F1, F2 indicators: Filter cycle 1 or 2 will be illuminated

PL, TL indicators: Locking Panel or Set Temperature will be illuminated

## Temperature Up/Down Buttons

Press the Arrow “Warm” or Arrow “Cool” buttons 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 the hot tub water.

## Mode Button

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

**Standard mode** maintains the spa water to the set temperature. The “Std” icon will display until the mode is changed.

**Economy mode** heats the spa water to the set temperature only during filter cycles. The “Ecn” icon will display until mode is changed. Press “Jets 1” button while in Economy mode to place the spa in “Standard-In-Economy mode,” which operates the same as Standard mode, and then reverts to Economy mode automatically after one hour. During this time, a press of the “Mode” button will revert to Economy mode immediately.

**Sleep Mode** heats the spa to within 20°F (11° C) of the set temperature only during filter cycles. “SLP” will display until mode is changed.

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**Standby Mode:** Pressing “Warm Arrow Up” or “Cool Arrow Down” then “Jets2” button will turn off all spa functions temporarily. This is helpful when changing filter cartridges. Press any button to exit Standby mode.

#### **Jets 1/Swim 1 Button**

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Press the “Jets 1/Swim1 ” button once 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 2-4/Swim 2-4 Buttons (If Equipped)**

Press the “Jets 2-4/Swim 2-4” buttons once to turn each of pumps 2-4 on or off. If left running, the pumps 2-4 turns off after 15 minutes.

#### **Stir/Swim All Button**

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Press the “Stir/Swim All” button once to turn pumps 2-4 on or off together. If left running, the pumps 2-4 turns off after 15 minutes.

#### **“Aux”/ “Option” Button (if Equipped)**

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Press the “Aux”/“Option button once to turn blower on or off (if equipped). If left running, the blower turns off after 15 minutes.

#### **Lights Button**

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Press the “Lights” 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 Lights 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 on the Light will display the same effect. The Light will automatically turn off after approximately four (4) hours.

#### **Setting the Time**

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Once your spa has been properly connected the first time the “Time” icon appearing on the screen and flashing. Press “Time” pad, then “Mode.” Select the hour by pressing “Warm” or “Cool” (each press changes time by 1 hour). Press “Mode” pad again and select minutes by pressing “Warm” or “Cool” (each press changes time by 1minute). Press “Mode” pad to exit the time setting procedure and enter the optional filter cycle programming. Press “Time” pad to exit programming. The Time setting on this system is preserved in the event of power loss.

#### **Invert Display**

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Press “Invert” button to change the direction of information on the display.

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### ML700 AquaTica 10 Top Side Control Panel

#### Jets 1 Button

Press the “Jets 1” button once 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 2-3Buttons

Press the “Jets 2, 3” buttons once to turn each of pumps 2,3 on or off and 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.

#### Light Button

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 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 on the Light will display the same effect. The Light will automatically turn off after approximately four (4) hours.

#### Circulation Pump Operation

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

#### Heater Operation

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 70°F to

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104°F/21°C-40°C. To raise the set temperature press the “Warm Arrow Up” button. To lower the set temperature, press the “Cool Arrow Down” button. The start up temperature is set at 100°F/37.5°C. The last measured temperature is constantly displayed on the LCD. In Economy mode the heater heats the spa water only during filter cycles. In sleep mode the heater heats the spa water to within 20°F (11°C) of set temperature only during filter cycles.

### **Filter Cycle Programming – Optional for US/Canada Only**

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Additional water circulation, filtration and ozonation (filter 2) added to spa system. Two speeds pump 1(Low) running during pre-programmed filtration cycles.

At the start of each filter cycle the blower (if equipped) will run for 30 seconds; and the pump 1 (low) and, if equipped, pumps 2-4 (high) will run for 30 seconds to prevent the spa water from becoming stagnant in the plumbing and air lines and improve skimming action to remove debris and suspensions from the water surface.

Your spa came programmed from the factory with these defaults. The first filter cycle is automatically activated at 8 a.m. and operates the pump 1 until 10 a.m. The filter indicator icon on display will light when filter 1 cycle is running.

The second filter cycle is automatically activated at 8 p.m. and operates the pump 1 until 10 p.m.. The filter indicator icon will light when filter 2 cycle is running. To program custom filter cycle setting, press “Time”+“Mode/Prog” button+“Mode/Prog”+“Mode/Prog” within 3 seconds. The Program, Filter 1, Filter 2, and Start Time icons will appear on the display. Press “Warm” or “Cool” button to choose the Filter 1 start time hour. Each press changes the start time by 5 minutes. Press “Mode/Prog” button to enter minutes. Press “Mode/Prog” to see the Program, Filter 1, and End time icons. Adjust time as done above.

Press “Mode/Prog” button to see the Program, Filter 2, and Start time icons. Proceeds as above. Press “Mode/Prog” button to see the Program, Filter 2, and End time icons. Adjust time as previously stated.. Press “Mode/Prog” button again to enter the new filter time setting in system and display the current water temperature. Press “Time” button at any time during this programming sequence to save the values entered up to that point and exit programming.

### **Ozone System**

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Your spa is equipped with two ozone purification systems(only Deluxe models). You will find that your spa water stays fresh and clear with significantly less chemical sanitizer usage. You will be able to go longer between complete spa draining. The ozone generator 1 operates in conjunction with the circulation pump and ozone generator 2 running with two speeds pump 1 at low speed in programming filtration cycles. Ozone generator 1 is on any time the circulation pump is running.

### **Freeze Protection**

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If the temperature sensor detects a temperature drop to 44°F (6.7°C) within the heater, then 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 45°F (7.2°C) or higher. In colder climates, an

optional additional freeze sensor may be added to protect against freeze condition that may not be sensed by the standard sensors. Auxiliary Freeze sensor protection acts similarly except with the temperature thresholds determined by the switch and without a four (4) minute delay in turnoff. See your dealer for details.

### **Locking the Panel**

Press “Time”, “Jets 1” then “Warm Arrow Up” 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 Arrow Down.”

### **Locking the Temperature Setting**

Press “Warm Arrow Up” or “Cool Arrow Down” then “Time,” “Jets 1,” and “Warm Arrow Up” 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 Arrow Up” or “Cool Arrow Down” then “Time”, “Jets 1,” and “Cool Arrow Down.”

### **Swim spa control power limitations**

The swim spa and spa protected 60A GFCI (maximum spa load could not exceed 48A ).

The swim spa control deactivate heater if any High speed pump is running.

The swim spa control allows only three High speed pumps running at same time.

### **Auxiliary panel AX20(only for Aquatica 14, 16, 18)**

Auxiliary panel AX20 installed on spa side.

Press the “Jets” button once 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.

Press the “Light” button to turn the spa light system on and off.

### **Error Codes**

<b>MESSAGE</b>	<b>MEANING</b>	<b>ACTION REQUIRED</b>
<i>(none)</i>	No message on display. Power has been cut off to hot tub.	The control panel is disabled until power returns. Hot tub settings are preserved.
<b>OHH HH</b>	The hot tub has shut down from high heat detection. One of the sensors detected 118°F (48°C) at the heater.	Do not enter the water. Remove the cover and allow the water to cool. Once cool, push any button. If the hot tub does not reset, turn off the GFCI and call service.

MESSAGE	MEANING	ACTION REQUIRED
<b>OHS</b> <b>OH</b>	The hot tub has overheated and shut down. One of the sensors detected that the hot tub water is 110°F (43°C).	Do not enter the water. Remove the cover and allow the water to cool. At 107°F (42°C), the hot tub resets automatically. If the hot tub does not reset, turn off the GFCI and call service.
<b>ICE</b> <b>IC</b>	Potential freeze condition detected (Ice)	No action required. The pump will automatically operate regardless of the hot tub status.
<b>SnA</b> <b>SA</b>	Sensor A is not working correctly. Hot tub is shut down.	Check the sensor "A" plug connection to circuit board. The problem may appear temporarily in an overheat situation and disappear when the heater cools. If the problem persists, contact service.
<b>SnB</b> <b>SB</b>	Sensor B is not working correctly. Hot tub is shut down.	Check the sensor "B" plug connection to circuit board. The problem may appear temporarily in an overheat situation and disappear when the heater cools. If the problem persists, contact service.
<b>SnS</b> <b>Sn</b>	Sensors are out of balance.	If this alternates with the temperature, it may be temporary. If the display shows only this message (periodically blinking), the hot tub is shut down. If the problem persists, contact service.
<b>HFL</b> <b>HL</b>	A substantial difference between sensors was detected (possible flow problem).	Check water level in hot tub and add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. If the problem persists, contact service.
<b>LF</b>	<i>Low Flow</i> – persistent problem. Displays after the fifth occurrence of the "HL" message within 24 hours. Heater shuts down but other hot tub functions run normally.	Heating ability of the hot tub will not reset automatically; press any button to reset.
<b>dr</b>	Inadequate water, poor flow, or air bubbles detected in the heater. Hot tub is shut down for 15 minutes.	Check the water level and add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. Press any button to reset (automatically reset within 15 minutes). If the problem persists, contact service.



MESSAGE	MEANING	ACTION REQUIRED
<b>drY dy</b>	Inadequate water detected in heater. Displays on third occurrence of "dr" message. Hot tub is shut down.	Check water level in hot tub. Add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. Press any button to reset.
<b>Pr</b>	When the hot tub is first activated, it goes into Priming mode.	The Priming mode runs for up to four minutes and then the hot tub begins to heat and maintain the water temperature in Standard mode.
<b>-- F</b>	Temperature unknown	After the pump has been running for two minutes, the temperature will be displayed.
<b>-- C</b>	Temperature unknown	After the pump runs for two minutes, the temperature displays
<b>---</b>	Temperature not current	The hot tub is in either Economy or Sleep modes and the pump has not run for a while. To view the current temperature, switch to Standard mode or operate Jets 1 for at least one minute.
<b>SbY</b>	Hot tub is in standby mode	Press any button except Jets 1 to leave Standby mode.
<b>PHL</b>	pH is low	Add pH increaser (pH up)
<b>PHH</b>	pH is high	Add pH decreaser (pH down)
<b>SAL</b>	Sanitizer is low	Add sanitizer
<b>SAH</b>	Sanitizer is high	Remove hot tub cover and allow sanitizer to evaporate
<b>drn</b>	Pump is on during Standby mode to assist in draining the water	Press Jets 1 to turn off pump once the water has drained out
<b>rtC</b>	Hardware failure	Contact customer service
<b>PSt</b>	Hardware failure	Contact customer service
<b>CrC</b>	Firmware install problem	Contact customer service if this message appears on more than one power up
<b>CFE</b>	Configuration error. Hot tub cannot start up	Contact customer service
<b>9FI</b>	Could not trip GFCI	Contact customer service and do not use the hot tub.
<b>StU</b>	Pump appears to be stuck on	Contact customer service and do not use the hot tub
<b>HOt</b>	Pump was stuck on the last time it was powered on	Contact customer service and do not use the hot tub

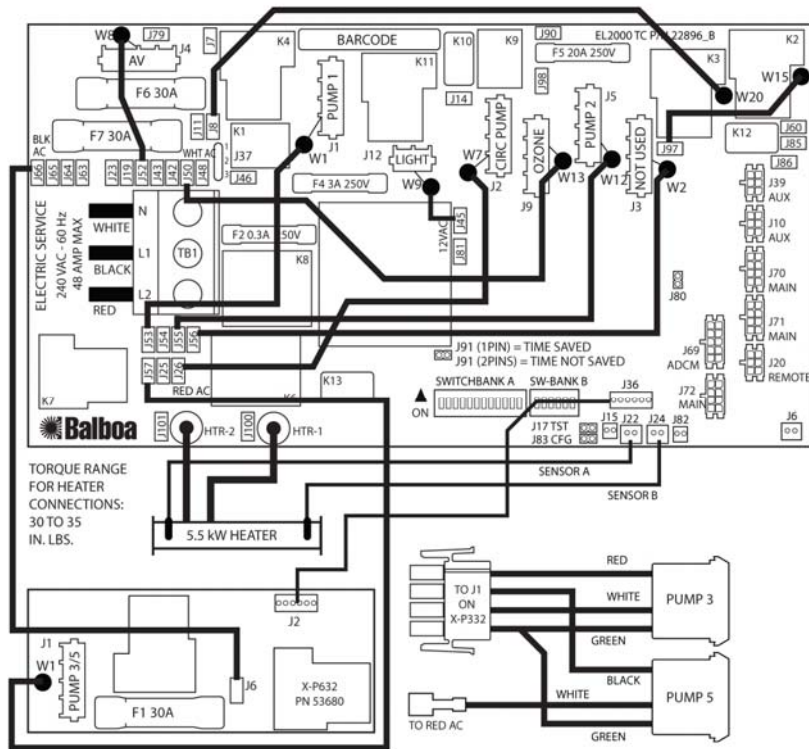
#### Reminder Messages

Message	Frequency	Action Required
<b>rPH</b>	7 days	Test and adjust pH chemical levels.
<b>rSA</b>	7 days	Test and adjust sanitizer chemical levels.

Message	Frequency	Action Required
rCL	30 days	Remove, clean, and reinstall filter.
rt9	30 days	Test & reset GFCI breaker.
rdr	90 days	Drain and refill hot tub.
rCO	180 days	Clean and condition cover.
rtr	180 days	Clean and condition exterior surfaces.
rCH	365 days	Install new filter.
rCA	As needed	Install new Mineral cartridge.

**Table- Domestic/Export Electrical Specification Chart (see pages 10-14 of Swim Spa Owner's Manual, part #7068 for details)**

Model	Spa side control, spa panels	Swim side control, spa panels	Volts/ Frequency	Amps	GFCI/ RCD	Wire size
Aquatica X12, Aquatica X14, Aquatica X18	AX20	PEL2SWIM/ ML900	240/120/60	48	60	3 Wire #6+Grd
Aquatica X12, Aquatica X14, Aquatica X18 (Export)	N/A	PGL2P3 or HSEX2000 /ML700	220-240/50	1x32, 3x16	IEE WIRE REG	3x4mm <sup>2</sup> 5 x1.5 mm <sup>2</sup>
Aquatica X12, Aquatica X14, Aquatica X18 (Export)	GS500Z/ VL260	N/A	220-240/50	1x32, 2x16	IEE WIRE REG	3x4mm <sup>2</sup> 5 x1.5 mm <sup>2</sup>
Aquatica X10	N/A	PEL2P3S2 ML700	240/120/60	48	60	3 Wire #6+Grd
Aquatica X10 (Export)	N/A	PGL2P3 HSEX2000 ML700	220-240/50	1x32, 2x16, 3x16	IEE WIRE REG	3x4mm <sup>2</sup> 5 x1.5 mm <sup>2</sup>



CONNECT ONLY TO CIRCUITS PROTECTED BY A CLASS A GFCI.

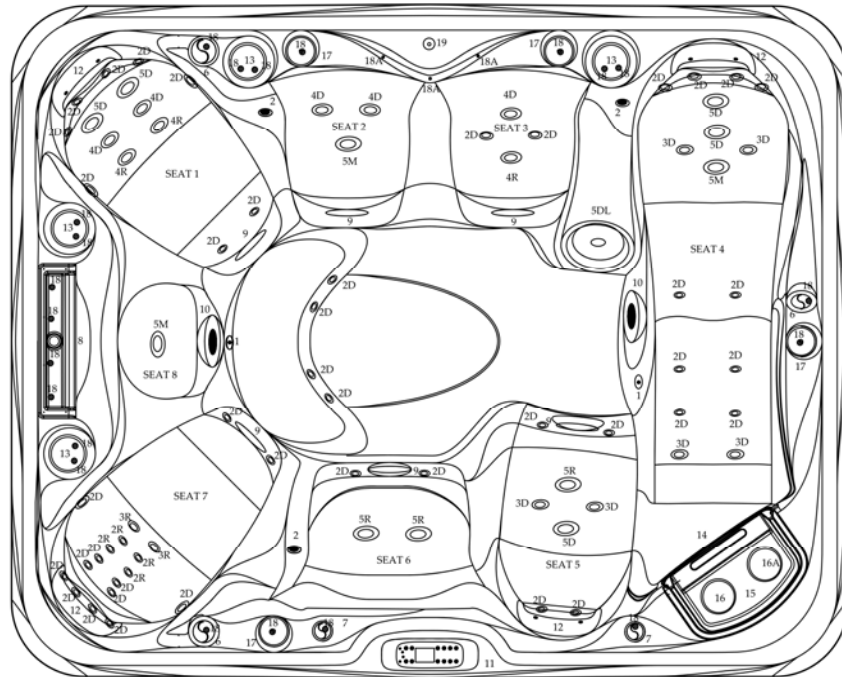
A DISCONNECTING MEANS MUST BE INSTALLED WITHIN SIGHT FROM THE EQUIPMENT AND AT LEAST 5 FEET (1.52 M) FROM THE INSIDE WALLS OF THE POOL, SPA, OR HOT TUB.

USE COPPER CONDUCTORS ONLY.  
 EMPLOYER UNIQUEMENT  
 DES CONDUCTEURS DE CUIVRE.  
 #6 AWG MIN. WIRE= 75°

FOR SUPPLY CONNECTIONS,  
 USE CONDUCTORS SIZED ON THE  
 BASIS OF 60°C AMPACITY BUT  
 RATED MINIMUM OF 75°C.

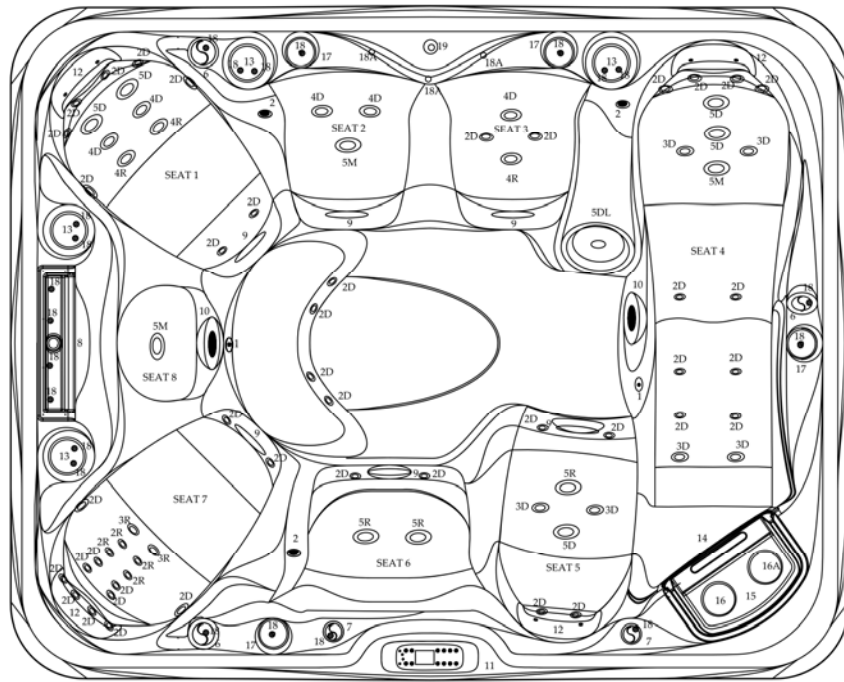
TORQUE RANGE FOR  
 MAIN TERMINAL BLOCK (TB1):  
 27-30 IN. LBS.

Spa Spec	
Spa Model	1210D
Spa Dimension	91"x 114"x 38"
Number Of Seats	8
Water Jets	77
Water Capacity (USG/L)	550/2082
Dry Weight (LBS/KG)	1146/520
Filled Weight (LBS/KG)	5736/2602
Electrical Rating (VAC/AMP/HZ)	240/48/60
GFCI (AMP)	60



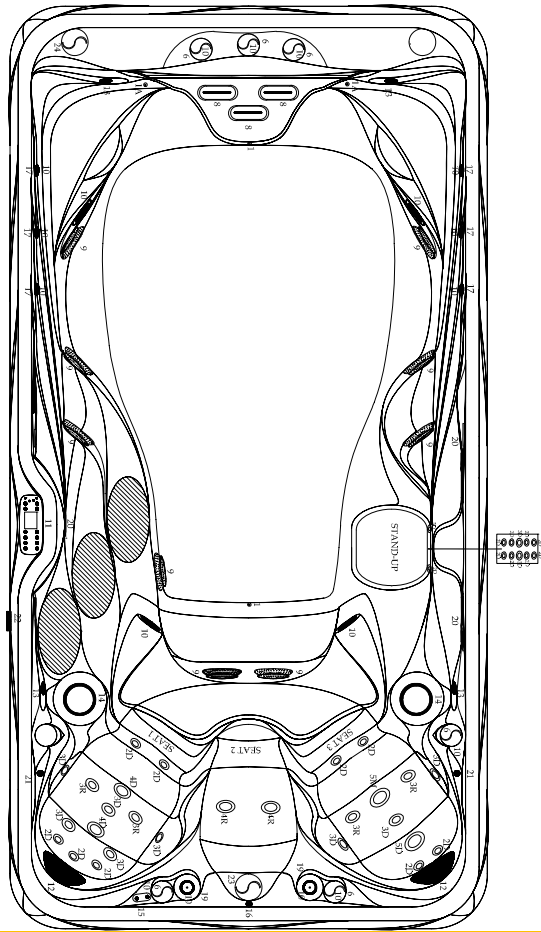
Call-Outs				
Label	Part#	Description	Qty.	Notes
1	73199W	Nozzle wall fitting (Gr)	2	
1A	7818	Wall fitting (Gr)	0	
2	1277, 1275, 1276	2" wave Jet, Directional, No Adj. (SS/Gr); Compensator Ring Body	3	
2D	1277, 1275, 1276	2" wave Jet, Directional, Adj. (SS/Gr); Compensator Ring Body	42	
2R	1278, 1275, 1276	2" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	4	
3D	1283, 1281, 1282	3" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	6	
3R	1285, 1281, 1282	3" wave Jet, Twin roto (SS/Gr); Compensator Ring ; Body	2	
4D	23445112,1286, 1287	4" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	5	
4R	234445122,1286, 1287	4" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	3	
5D	1293, 1291, 1292	5" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	5	
5M	1295, 1291, 1292	5" wave Jet, Massage (SS/Gr); Compensator Ring ; Body	3	
5R	1294, 1291, 1292	5" wave Jet, Double-Roto (SS/Gr); Compensator Ring ; Body	3	
5DL	1293, 1291, 1305	5" wave Jet, Directional Large face (SS/Gr); Compensator Ring ; Body	1	
6	1296, 1300	"Wave" style Valve Air control 1" with LED bezel	3	
7	1297, 1301	"Wave" style Waterfall Valve 1" with LED bezel	2	
8	675-5308L	18" LED Spillway waterfall with	1	
9	640-3790SGA V	251GPM Super Hi-Flo 2.5" Suction (metal)	6	
10	1219S	Light Kit 5" ,SS	2	
11	52798	Topside panel ML700, overlay	1+1	
12	3133	Small rounded Pillow	4	
13	675-2010L	Speaker Magna Tune pop-up rot. LED(Graphite)	4	Optional
14	822817	Weir door(Gr/Silver)	1	
15	1238	Filter Lid(Gr)	1	
16, 16A	822070	Cartridge Filter	1+1	16A-PAS40-2
17	630-0038	Cup Holder LED	4	
18	1310A, 1312A, 1318A,1315, 1317, 1338	LED contr-r, 6-LED spyder, 2-LED spyder, 9-LED light, Cables Assy	1+4+1+2+ 1+1	
18A	400372-N	Small lens with gasket, nut	3	
19	670-2009-DSG, 219-5910	Water nozzle wall fitting, graphite w. retainer	1+1	
N/A	7136, 6023, 310-0140	2 Speed Motor; 8' Cord ; Wet end 0140;	3	
N/A	7135, 6024, 310-0140	1 Speed Motor; 8' Cord ; Wet end 0140;	0	
N/A	6167, 6024, 310-0800	Circ. pump motor; 8' Cord ; Wet end 0800;	1	
N/A	55965	Balboa Pack PEL2KM	1	
N/A	5071, 7399	Ozonator w/ Cord, Injector	2+2	
N/A	7068	Swim Spa Owner's Manual	1	
N/A	XXXX	Spa Cover	1	
N/A	MRD80i, RM-14, 1145,1146, 1142	MRD80i, Housing, Subwoofer, harness WH-205, power supply 100-240vac	1	Optional

Spa Spec	
Spa Model	1210D-EX
Spa Dimension	91"x 114"x 38"
Number Of Seats	8
Water Jets	77
Water Capacity (USG/L)	550/2082
Dry Weight (LBS/KG)	1146/520
Filled Weight (LBS/KG)	5736/2602
Electrical Rating (VAC/AMP/HZ)	220-240/3x16/50
RCD(AMP)	IEE REQ.



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2R	1278, 1275, 1276	2" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	4	
3D	1283, 1281, 1282	3" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	6	
3R	1285, 1281, 1282	3" waveJet, Twin roto (SS/Gr); Compensator Ring ; Body	2	
4D	23445112,1286, 1287	4" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	5	
4R	234445122,1286, 1287	4" wave Jet, Rorational (SS/Gr); Compensator Ring ; Body	3	
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13	675-2010L	Speaker Magna Tune pop-up rot. LED(Graphite)	4	Optional
14	822817	Weir door(Gr/Silver)	1	
15	1238	Filter Lid(Gr)	1	
16, 16A	822070	Cartridge Filter	1+1	16A-PAS40-2
17	630-0038	Cup Holder LED	4	
18	1310A, 1312A, 1311A,1315, 1317, 1338	LED contr-r, 6-LED spyder, 4-LED spyder, 9-LED light, Cables Assy	1+3+1+2+ 1+1	
18A	400372N	1/2" lens with gasket, nut	3	
19	670-2009-DSG, 219-5910	Water nozzle wall fitting, graphite with retainer	1	
N/A	7789, 6022, 310-0180	2 Speed Motor; 8' Cord ; Wet end 0180;	2	
N/A	7788, 300050168, 310-0180	1 Speed Motor, 14" Cord ; Wet end 0180;	1	
N/A	7794, 6024, 310-0800	Circ. pump motor; 8' Cord ; Wet end 0800;	1	
N/A	54503	Balboa Pack GL2000	1	
N/A	5071, 7399	Ozonator w/ Cord, Injector	2+2	
N/A	7068	Swim Spa Owner's Manual	1	
N/A	XXXX	Spa Cover	1	
N/A	MRD80I, RM-14, 1145, 1146, 1142	MRD80I, Housing, Subwoofer, harness WH-205, power supply 100-240vac	1	Optional

<b>Spa Spec</b>	
Spa Model	1208, 1208D
Spa Dimension	89"x172"x51"
Number Of Seats	4
Water Jets	39
Air Jets	0
Water Capacity (USG/L)	1500/5678
Dry Weight (LBS/KG)	2300/1043
Filled Weight (LBS/KG)	14818/6721
Electrical Rating (VAC/AMP/HZ)	240/48/60
GFCI (AMP)	60

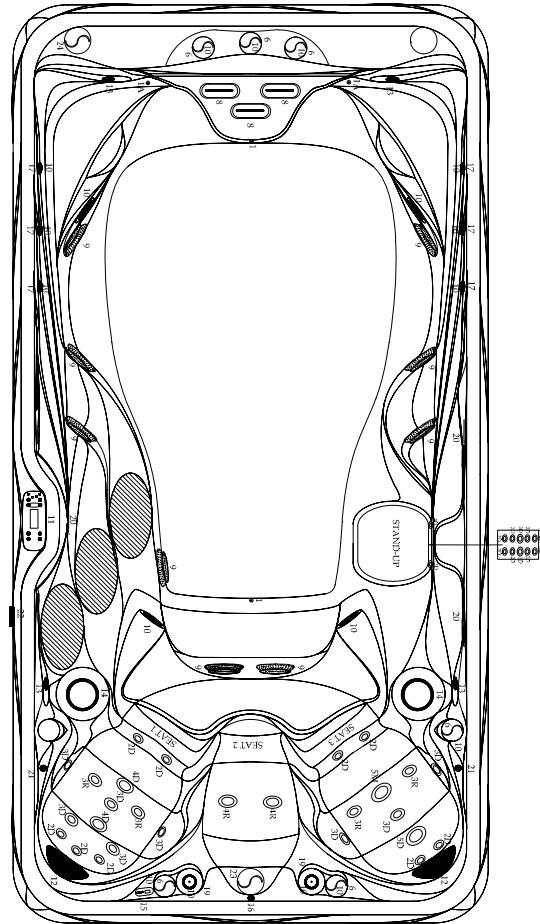




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1A	7818	Wall fitting (Gr)	2	
2D	1277, 1275, 1276	2" wave Jet, Directional (SS/Gr); Compensator Ring Body	19	
2R	1278, 1275, 1276	2" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	0	
3D	1283, 1281, 1282	3" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	10	
3R	1285, 1281, 1282	3" waveJet, Twin roto (SS/Gr); Compensator Ring ; Body	4	
4D	23445112,1286, 1287	4" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	2	
4R	234445122,1286, 1287	4" wave Jet, Rorational (SS/Gr); Compensator Ring ; Body	2	
5D	1293, 1291, 1292	5" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	1	
5M	1295, 1291, 1292	5" wave Jet, Massage (SS/Gr); Compensator Ring ; Body	1	
6	1296, 1300	"Wave" style Valve Air control 1" with LED bezel	6	
7	1297, 1301	"S" style Waterfall Valve 1" with LED bezel	0	
8	210-5109-DSGS	River Jet Assembly	3	
9	640-3790SGA V	251GPM Super Hi-Flo 2.5" Suction (metal)	9	
10	1219S, 1310A, 1312A, 1318A, 1315, 1317, 1338	Light Kit 5", LED contr-r, 6-LED spyder, 2-LED spyder, 9-LED light, Cables Assy	4+1+2+1+4+1+1	
11	52797-03, 12132A	Topside panel ML900, overlay	1+1	
12	823690	Pillow tri-curve	2	
13	1144	Speaker oval, 2.5" PP (Graphite)	4	1208D
14	1298	Elite skim Filter Assy.(Gr)	2	
15	52747, 40097	Aux. panel AX20, overlay	1+1	
16	7017, 7018	Tether, 3 holes plate	1+1	1208D
17	210-9309S-DSG	Standard Water Feature	6	
18	3126, 3129, 3130	FRST lens, nuts, o-rings	0	
19	630-0038	Cup Holder LED	2	

20	5456	6" Hand rail ss	3	
21	1307	Row machine w. hardware	1	1208D
22	1266, 1267, 1268	Drain-valve Assy. with adapters	1	
23	25048707	"Wave" style 2" Diverter valve	1	
24	600-4609DSG	1.5" ON-OFF Valve	1	
N/A	7136, 6022, 310-0140	2 Speed Motor; 8' Cord ; Wet end 0140;	1	
N/A	7135, 6024, 310-0140	1 Speed Motor; 14' 8' Cord ; Wet end 0140;	3	
N/A	6167, 6024, 310-0800	Circ. pump motor; 4' 8' Cord ; Wet end 0800;	1	
N/A	56261	Balboa Pack PEL2SWIM	1	
N/A	480044	Splitter 2-speed pump to ozone-pump	1	
N/A	5071, 7399	Ozonator w/ Cord, Injector	2+2	
N/A	7068,7068A	Swim Spas Owner's Manual	1	
N/A	SS21A	Spa Cover	1	
N/A	1143, 1145, 1146, 1142, 1147	Sti-120 Audio system, Subwoofer -4, harness WH-205, power supply 100-240vac, remote control	1	1208D

Spa Spec	
Spa Model	1208-EX,1208D-EX
Spa Dimension	89"x172"x51"
Number Of Seats	4
Water Jets	39
Air Jets	0
Water Capacity (USG/L)	1500/5678
Dry Weight (LBS/KG)	2300/1043
Filled Weight (LBS/KG)	14818/6721
Electrical Rating (VAC/AMP/HZ)	220-240/1x16/50
RCD (AMP)	IEE REQ.



Call-Outs				
Label	Part#	Description	Qty.	Notes
1	73199W	Nozzle wall fitting (Gr)	2	
1A	7818	Wall fitting (Gr)	2	
2D	1277, 1275, 1276	2" wave Jet, Directional (SS/Gr); Compensator Ring Body	19	
2R	1278, 1275, 1276	2" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	0	
3D	1283, 1281, 1282	3" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	10	
3R	1285, 1281, 1282	3" waveJet, Twin roto (SS/Gr); Compensator Ring ; Body	4	
4D	23445112,1286, 1287	4" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	2	
4R	234445122,1286 , 1287	4" wave Jet, Rorational (SS/Gr); Compensator Ring ; Body	2	
5D	1293, 1291, 1292	5" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	1	
5M	1295, 1291, 1292	5" wave Jet, Massage (SS/Gr); Compensator Ring ; Body	1	
6	1296, 1300	"Wave" style Valve Air control 1" with LED bezel	6	
7	1297, 1301	"S" style Waterfall Valve 1" with LED bezel	0	
8	210-5109-DSGS	River Jet Assembly	3	
9	640-3790SGA V	251GPM Super Hi-Flo 2.5" Suction (metal)	9	
10	1219S, 1310A, 1312A, 1318A, 1315, 1317, 1338	Light Kit 5", LED contr-r, 6-LED spyder, 2- LED spyder, 9-LED light, Cables Assy	4+1+2+1+4+1+ 1	
11	52798	Topside panel ML700 w. overlay	1	
12	823690	Pillow tri-curve	2	
13	1144	Speaker oval, 2.5" PP (Graphite)	4	1208 D
14	1298	Elite skim Filter Assy.(Gr)	2	
15	53999	Panel VL260 w. overlay	1	
16	7017, 7018	Tether, 3 holes plate	1+1	1208 D
17	210-9309S-DSG	Standard Water Feature	6	
18	3126, 3129, 3130	FRST lens, nuts, o-rings	0	
19	630-0038	Cup Holder LED	2	

20	5456	6" Hand rail ss	3	
21	1307	Row machine w. hardware	1	1208 D
22	1266, 1267, 1268	Drain-valve Assy. with adapters	1	
23	25048707	"Wave" style 2" Diverter valve	1	
24	600-4609DSG	1.5" ON-OFF Valve	1	
N/A	7789, 6022, 310-0180	2 Speed Motor; 8' Cord ; Wet end 0140;	1	
N/A	7788, 6024, 310-0180	1 Speed Motor; 14' 8' Cord ; Wet end 0140;	3	
N/A	7794, 6024, 310-0800	Circ. pump motor; 4' 8' Cord ; Wet end 0800;	1	
N/A	54503	Balboa Pack GL2000	1	
N/A	54509-01	Balboa Pack GS500Z	1	
N/A	480044	Splitter 2-speed pump to ozone-pump	0	
N/A	5071, 7399	Ozonator w/ Cord, Injector	2+2	
N/A	7068,7068A	Swim Spas Owner's Manual	1	
N/A	SS21A	Spa Cover	1	
N/A	1143, 1145, 1146, 1142, 1147	Sti-120 Audio system, Subwoofer -4, harness WH-205, power supply 100- 240vac, remote control	1	1208 D

## Aquatica swim spas control



**ML700 Aquatica 12 Topside Control Panel**

### Main Control Panel ML700

Legend:

Heat icon: Indicates different stages of heating

Jets icon: Spins fast on high speed; spins slow on low speed

Light icon: Light is on/off

F1, F2 indicators: Filter cycle 1 or 2 will be illuminated

PL, TL indicators: Locking Panel or Set Temperature will be illuminated

### Temperature Up/Down Buttons

Press the Arrow "Warm" or Arrow "Cool" buttons 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 the hot tub water.

### Mode Button

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

**Standard mode** maintains the spa water to the set temperature. The "Std" icon will display until the mode is changed.

**Economy mode** heats the spa water to the set temperature only during filter cycles. The "Ecn" icon will display until mode is changed. Press "Jets 1" button

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while in Economy mode to place the spa in “Standard-In-Economy mode,” which operates the same as Standard mode, and then reverts to Economy mode automatically after one hour. During this time, a press of the “Mode” button will revert to Economy mode immediately.

**Sleep Mode** heats the spa to within 20°F (11° C) of the set temperature only during filter cycles. “SLP” will display until mode is changed.

**Standby Mode:** Pressing “Warm Arrow Up” or “Cool Arrow Down” then “Jets2” button will turn off all spa functions temporarily. This is helpful when changing filter cartridges. Press any button to exit Standby mode.

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### **Jets 1 Button**

Press the “Jets 1 button once 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 2-3 Buttons**

Press the “Jets 2-3” buttons once to turn each of pumps 2-3 on or off. If left running, the pumps 2-3 turns off after 15 minutes.

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### **“Aux”/“Option” Button (if Equipped)**

Press the “Aux” button once to turn blower on or off (if equipped). If left running, the blower turns off after 15 minutes.

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### **“Lights” Button**

Press the “Lights” 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 Lights 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 on the Light will display the same effect. The Light will automatically turn off after approximately four (4) hours.

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### **Setting the Time**

Once your spa has been properly connected the first time the “Time” icon appearing on the screen and flashing. Press “Time” pad, then “Mode.” Select the hour by pressing “Warm” or “Cool” (each press changes time by 1 hour). Press “Mode” pad again and select minutes by pressing “Warm” or “Cool” (each press changes time by 1minute). Press “Mode” pad to exit the time setting procedure and enter the optional filter cycle programming. Press “Time” pad to exit programming. The Time setting on this system is preserved in the event of power loss.

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### **Circulation Pump Operation**

Your system is equipped with a circulation pump. The circulation pump provides 24-hour continuous water circulation and filtration. The circulation pump turns over the entire spa water capacity at a minimum of one time every hour (depending on water capacity). It works like this: a dedicated, energy efficient circulation pump constantly draws water from the spa, runs it through the filter 1 and the heater (heating only when necessary), then back to the spa. The ozone

output is on whenever the circulation pump is running. The Circulation pump will turn off for 30 minutes at a time when the water temperature reaches 3°F (1.5°C) above the set temperature (most likely this will happen in a very hot climate or during summer).

### **Heater Operation**

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 70°F to 104°F/21°C-40°C. To raise the set temperature press the "Warm Arrow Up" button. To lower the set temperature, press the "Cool Arrow Down" button. The start up temperature is set at 100°F/37.5°C. The last measured temperature is constantly displayed on the LCD. In Economy mode the heater heats the spa water only during filter cycles. In sleep mode the heater heats the spa water to within 20°F (11°C) of set temperature only during filter cycles.

### **Filter Cycle Programming – Optional for US/Canada only**

Additional water circulation, filtration and ozonation (filter 2) added to spa system. Two speeds pump 1(Low) running during pre-programmed filtration cycles.

At the start of each filter cycle the blower (if equipped) will run for 30 seconds; and the pump 1 (low) and, if equipped, pumps 2-4 (high) will run for 30 seconds to prevent the spa water from becoming stagnant in the plumbing and air lines and improve skimming action to remove debris and suspensions from the water surface.

Your spa came programmed from the factory with these defaults. The first filter cycle is automatically activated at 8 a.m. and operates the pump 1 until 10 a.m. The filter indicator icon on display will light when filter 1 cycle is running.

The second filter cycle is automatically activated at 8 p.m. and operates the pump 1 until 10 p.m.. The filter indicator icon will light when filter 2 cycle is running. To program custom filter cycle setting, press "Time"+"Mode/Prog" button+"Mode/Prog"+"Mode/Prog" within 3 seconds. The Program, Filter 1, Filter 2, and Start Time icons will appear on the display. Press "Warm" or "Cool" button to choose the Filter 1 start time hour. Each press changes the start time by 5 minutes. Press "Mode/Prog" button to enter minutes. Press "Mode/Prog" to see the Program, Filter 1, and End time icons. Adjust time as done above.

Press "Mode/Prog" button to see the Program, Filter 2, and Start time icons. Proceeds as above. Press "Mode/Prog" button to see the Program, Filter 2, and End time icons. Adjust time as previously stated.. Press "Mode/Prog" button again to enter the new filter time setting in system and display the current water temperature. Press "Time" button at any time during this programming sequence to save the values entered up to that point and exit programming.

### **Ozone System**

Your spa is equipped with two ozone purification systems(only Deluxe models). You will find that your spa water stays fresh and clear with significantly less chemical sanitizer usage. You will be able to go longer between complete spa draining. The ozone generator 1 operates in conjunction with the circulation



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pump and ozone generator 2 running with two speeds pump 1 at low speed in programming filtration cycles. Ozone generator 1 is on any time the circulation pump is running.

### **Freeze Protection**

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If the temperature sensor detects a temperature drop to 44°F (6.7°C) within the heater, then 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 45°F (7.2°C) or higher. In colder climates, an optional additional freeze sensor may be added to protect against freeze condition that may not be sensed by the standard sensors. Auxiliary Freeze sensor protection acts similarly except with the temperature thresholds determined by the switch and without a four (4) minute delay in turnoff. See your dealer for details.

### **Locking the Panel**

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Press “Time”, “Jets 1” then “Warm Arrow Up” 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 Arrow Down.”

### **Locking the Temperature Setting**

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Press “Warm Arrow Up” or “Cool Arrow Down” then “Time,” “Jets 1,” and “Warm Arrow Up” 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 Arrow Up” or “Cool Arrow Down” then “Time”, “Jets 1,” and “Cool Arrow Down.”

### **Swim spa control power limitations**

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The swim spa and spa protected 60A GFCI (maximum spa load could not exceed 48A ).

The swim spa control deactivate heater if more than one(1) High speed pump is running.

The swim spa control allows all three High speed pumps running at same time.

### **Auxiliary panel AX20 (only for US/Canada)**

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Auxiliary panel AX20 installed on spa side.

Press the “Jets” button once 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.

Press the “Light” button to turn the spa light system on and off.

For Export Aquatica 12 spa panel VL260 can be installed with GS500Z pack

## Error Codes

MESSAGE	MEANING	ACTION REQUIRED
(none)	No message on display. Power has been cut off to hot tub.	The control panel is disabled until power returns. Hot tub settings are preserved.
<b>OHH</b> <b>HH</b>	The hot tub has shut down from high heat detection. One of the sensors detected 118°F (48°C) at the heater.	Do not enter the water. Remove the cover and allow the water to cool. Once cool, push any button. If the hot tub does not reset, turn off the GFCI and call service.
<b>OHS</b> <b>OH</b>	The hot tub has overheated and shut down. One of the sensors detected that the hot tub water is 110°F (43°C).	Do not enter the water. Remove the cover and allow the water to cool. At 107°F (42°C), the hot tub resets automatically. If the hot tub does not reset, turn off the GFCI and call service.
<b>ICE</b> <b>IC</b>	Potential freeze condition detected (Ice)	No action required. The pump will automatically operate regardless of the hot tub status.
<b>SnA</b> <b>SA</b>	Sensor A is not working correctly. Hot tub is shut down.	Check the sensor "A" plug connection to circuit board. The problem may appear temporarily in an overheat situation and disappear when the heater cools. If the problem persists, contact service.
<b>SnB</b> <b>SB</b>	Sensor B is not working correctly. Hot tub is shut down.	Check the sensor "B" plug connection to circuit board. The problem may appear temporarily in an overheat situation and disappear when the heater cools. If the problem persists, contact service.
<b>SnS</b> <b>Sn</b>	Sensors are out of balance.	If this alternates with the temperature, it may be temporary. If the display shows only this message (periodically blinking), the hot tub is shut down. If the problem persists, contact service.
<b>HFL</b> <b>HL</b>	A substantial difference between sensors was detected (possible flow problem).	Check water level in hot tub and add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. If the problem persists, contact service.

MESSAGE	MEANING	ACTION REQUIRED
<b>LF</b>	<i>Low Flow</i> – persistent problem. Displays after the fifth occurrence of the "HL" message within 24 hours. Heater shuts down but other hot tub functions run normally.	Heating ability of the hot tub will not reset automatically; press any button to reset.
<b>dr</b>	Inadequate water, poor flow, or air bubbles detected in the heater. Hot tub is shut down for 15 minutes.	Check the water level and add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. Press any button to reset (automatically reset within 15 minutes). If the problem persists, contact service.
<b>drY dy</b>	Inadequate water detected in heater. Displays on third occurrence of "dr" message. Hot tub is shut down.	Check water level in hot tub. Add water if necessary. Be sure that slide-valves are open. Make sure the pump is primed and has power. Press any button to reset.
<b>Pr</b>	When the hot tub is first activated, it goes into Priming mode.	The Priming mode runs for up to four minutes and then the hot tub begins to heat and maintain the water temperature in Standard mode.
<b>-- F</b>	Temperature unknown	After the pump has been running for two minutes, the temperature will be displayed.
<b>-- C</b>	Temperature unknown	After the pump runs for two minutes, the temperature displays
<b>---</b>	Temperature not current	The hot tub is in either Economy or Sleep modes and the pump has not run for a while. To view the current temperature, switch to Standard mode or operate Jets 1 for at least one minute.
<b>SbY</b>	Hot tub is in standby mode	Press any button except Jets 1 to leave Standby mode.
<b>PHL</b>	pH is low	Add pH increaser (pH up)
<b>PHH</b>	pH is high	Add pH decreaser (pH down)
<b>SAL</b>	Sanitizer is low	Add sanitizer
<b>SAH</b>	Sanitizer is high	Remove hot tub cover and allow sanitizer to evaporate
<b>drn</b>	Pump is on during Standby mode to assist in draining the water	Press Jets 1 to turn off pump once the water has drained out
<b>rtC</b>	Hardware failure	Contact customer service
<b>PSt</b>	Hardware failure	Contact customer service

MESSAGE	MEANING	ACTION REQUIRED
CrC	Firmware install problem	Contact customer service if this message appears on more than one power up
CFE	Configuration error. Hot tub cannot start up	Contact customer service
9FI	Could not trip GFCI	Contact customer service and do not use the hot tub.
StU	Pump appears to be stuck on	Contact customer service and do not use the hot tub
HOt	Pump was stuck on the last time it was powered on	Contact customer service and do not use the hot tub

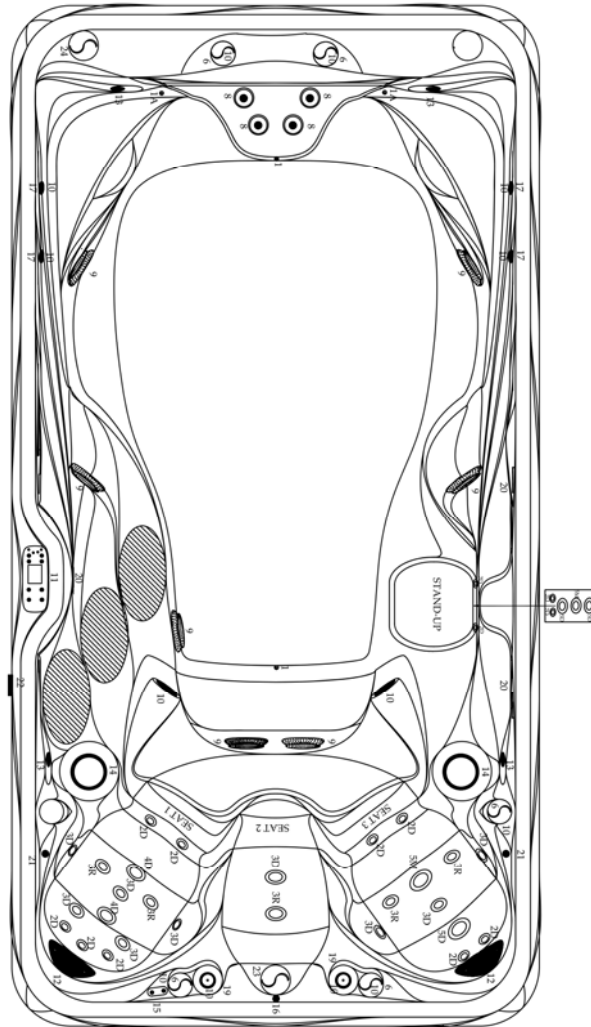
#### Reminder Messages

Message	Frequency	Action Required
rPH	7 days	Test and adjust pH chemical levels.
rSA	7 days	Test and adjust sanitizer chemical levels.
rCL	30 days	Remove, clean, and reinstall filter.
rt9	30 days	Test & reset GFCI breaker.
rdr	90 days	Drain and refill hot tub.
rCO	180 days	Clean and condition cover.
rtr	180 days	Clean and condition exterior surfaces.
rCH	365 days	Install new filter.
rCA	As needed	Install new Mineral cartridge.

**Table- Domestic/Export Electrical Specification Chart (see pages 10-14 of Swim Spa Owner's Manual, part #7068 for details)**

Model	Spa side control, spa panels	Swim side control, spa panels	Volts/ Frequency	Amps	GFCI/ RCD	Wire size
Aquatica X12,	AX20	PEL2SWIM/ ML900	240/120/60	48	60	3 Wire #6+Grd
Aquatica X12, (Export)	N/A	PGL2P3 or HSEX2000 /ML700	220-240/50	1x32, 3x16	IEE WIRE REG	3x4mm <sup>2</sup> 5 x1.5 mm <sup>2</sup>
Aquatica X12, (Export)	GS500Z/ VL260	N/A	220-240/50	1x32, 2x16	IEE WIRE REG	3x4mm <sup>2</sup> 5 x1.5 mm <sup>2</sup>

Spa Spec	
Spa Model	1209D, 1209/Aquatica12
Spa Dimension	89"x148"x51"
Number Of Seats	4
Water Jets	34
Air Jets	0
Water Capacity (USG/L)	1300/4920
Dry Weight (LBS/KG)	2100/953
Filled Weight (LBS/KG)	12947/5873
Electrical Rating (VAC/AMP/HZ)	240/48/60
GFCI (AMP)	60



Call-Outs				
Label	Part#	Description	Qty.	Notes
1	73199W	Nozzle wall fitting (Gr)	2	
1A	7818	Wall fitting (Gr)	2	
2D	1277, 1275, 1276	2" wave Jet, Directional (SS/Gr); Compensator Ring Body	13	
2R	1278, 1275, 1276	2" wave Jet, Rotational (SS/Gr); Compensator Ring ; Body	0	
3D	1283, 1281, 1282	3" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	9	
3R	1285, 1281, 1282	3" waveJet, Twin roto (SS/Gr); Compensator Ring ; Body	5	
4D	23445112,1286, 1287	4" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	2	
4R	234445122,1286, 1287	4" wave Jet, Rorational (SS/Gr); Compensator Ring ; Body	0	
5D	1293, 1291, 1292	5" wave Jet, Directional (SS/Gr); Compensator Ring ; Body	3	
5M	1295, 1291, 1292	5" wave Jet, Massage (SS/Gr); Compensator Ring ; Body	2	
6	1296, 1300	"Wave" style Valve Air control 1" with LED bezel	5	
7	1297, 1301	"S" style Waterfall Valve 1" with LED bezel	0	
8	210-7269-DSGS	Swim Spas Jets Assy.	4	
9	640-3790SGAV	251GPM Super Hi-Flo 2.5" Suction (metal)	7	
10	1219S, 1310A, 1312A, 1318A, 1315, 1317, 1338	Light Kit 5", LED contr-r, 6-LED spyder, 2-LED spyder, 9-LED light, Cables Assy	2+1+2+2+ 1+1	
11	52798	Topside panel ML700, overlay	1	
12	823690	Pillow tri-curve	2	
13	1144	Speaker oval, 2.5" PP (Graphite)	4	1209D
14	1298	Elite skim Filter Assy (Gr)	2	
15	52747, 40097	Aux. panel AX20, overlay	1+1	
16	7017, 7018	Tether, 3 holes plate	1+1	1209D
17	210-9309S-DSG	Standard Water Feature	4	
18	3126, 3129, 3130	FRST lens, nuts, o-rings	0	
19	630-0038	Cup Holder LED	2	
20	5456	6" Hand rail ss	3	
21	1307	Row machine w. hardware	1	1209D
22	1266, 1267, 1268	Drain-valve Assy. with adapters	1	
23	25048707	"Wave" style 2" Diverter valve	1	
24	600-4609DSG	1.5" ON-OFF Valve	1	
N/A	7136, 6023, 310-0140	2 Speed Motor; 8' Cord ; Wet end 0140;	1	
N/A	7135, 300050168, 310-0140	1 Speed Motor; 14' Cord ; Wet end 0140;	2	
N/A	6167, 6024, 310-0800	Circ. pump motor; 8' Cord ; Wet end 0800;	1	
N/A	56261-01	Balboa Pack PEL2SWIM	1	
N/A	480044	Splitter 2-speed pump to ozone-pump	1	
N/A	5071, 7399	Ozonator w/ Cord, Injector	2+2	
N/A	7068, 7068A	Swim Spas Owner's Manual	1	
N/A	SS22A	Spa Cover	1	
N/A	1143, 1145, 1146, 1142, 1147	Sti-120 Audio system, Subwoofer -4, harness WH-205, power supply 100-240vac, remote control	1	1209D

# Warranty

## **Lifetime Swim Spa Structural Warranty**

Premium Leisure LLC warrants the swim spa shell structure against the loss of water through the fiberglass laminate of the shell caused by defects in materials and workmanship for as long as the original purchaser owns the swim spa. Contact manufacturer if you have any questions concerning warranty issues.

## **Five (5) Year – Swim Spa Surface Warranty**

Premium Leisure LLC Warrants the interior acrylic swim spa surface against blisters, cracks, or delaminating resulting from a defect in the acrylic surface material for a period of five (5) years from the date of purchase, based on the following formula: Suggested retail price divided by months covered (60), multiplied by months owned plus shipping = replacement cost.

## **Lifetime Manifold Plumbing Parts Warranty**

Premium Leisure LLC warrants the plumbing manifolds, fittings, and parts to be free of defects in materials or workmanship for *as long as the original purchaser owns the swim spa*.

## **Two (2) Year – Limited Swim Spa Equipment Warranty**

Premium Leisure LLC warrants the electrical equipment and components to be free of defects in materials and workmanship for a period of two (2) years on major swim spa components (electrical system, swim spa controls, motors) and two (2) years authorized field service on these items. Ninety (90) day (Parts ONLY) Limited Warranty on all optional accessory items (optional cabinets, fixtures, trim kits, skirts, CD & MP3 players, all other music and video devices, ozone, waterfall assembly, LED lighting, etc). All perishable, cosmetic or owner serviceable items, swim spa cover, light bulb, light lenses, fuses, headrests, cabinet, filters, cover-lift, swim spa drain, jet inserts, etc are warranted to be free of defects in materials and workmanship at the time of delivery. These items may be covered by a manufacturer's warranty, which may have a longer duration than this Limited Warranty. Premium Leisure LLC may serve as an agent in presenting claims under the manufacturers' warranties, but disclaims any liability there under. In the event Premium Leisure LLC provides parts to replace an alleged defective part under warranty owner will be billed for the cost thereof and credited, minus freight, upon both the defective part being returned to Premium Leisure LLC and the manufacturer of said part accepting warranty claim.

## **Warranty Performance**

In the event of a suspected defect, under the terms of this Limited Warranty, notify manufacturer. Use all reasonable means to protect the swim spa from further damage. A service representative will provide the technical labor only, to affect the repair subject to the terms and conditions contained in this Limited Warranty. The service representative may assess reasonable travel charges. Visits to simply diagnose, troubleshoot, or inspect problems are not covered under this Limited Warranty. If we determine that repairs are not feasible due to functional defect, we reserve the right to provide a replacement part or swim spa in lieu of repair. We will replace with a part of value equal to the original purchase. In such event, owner is responsible for expenses including removal, shipping, and re-installation of the existing or replacement hot tub. The replacement swim spa or part will carry the balance of the original swim spa's warranty, if any. Either party's waiver of any breach or failure to enforce any of the terms or conditions of the warranty shall not in any way affect, limit or waive such party's right at any time to enforce strict compliance with every term and condition thereof.

## **Limitations and Exclusions**

This Limited Warranty applies to swim spas sold after January 1, 2008. This Limited Warranty takes effect from the date the unit was originally purchased or six months from the date of manufacture whichever comes first. This Limited Warranty applies only to the Original Purchaser and terminates with any transfer of ownership. This Limited Warranty does not apply to a swim spa used for any commercial, rental, club purposes or for any swim spa used outside of the United States. The purchaser must establish the date of purchase by dated sales invoice of delivery receipt.

This Limited Warranty does not cover damage resulting from abuse, misuse, or neglect including any installation, operation, maintenance or use of the swim spa other than in accordance with the Owner's Manual of the swim spa. Damage caused by operation of the swim spa at water temperatures outside the range of 32 degrees F. and 120 degrees F., damage caused by dirty, clogged, or calcified filter cartridges, damage to the swim spa surface caused by improper use of chemicals or cleaning agents, allowing un-dissolved water sanitizing chemicals to lie on the surface, damage caused by improper pH balance or other improper water chemistry, damage caused by failure to provide even and sufficient support for the swim spa, are considered abuses and may invalidate this Limited Warranty. Damaged caused by repairs or alterations performed by anyone other than an authorized service representative is not covered. Failure caused by accidents, acts of God, nonstructural normal wear and tear, cosmetic blemishes and other causes beyond our control are excluded.

The warranty is in lieu of all other warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall manufacturer be liable for incidental or consequential damages.

## **DISCLAIMERS**

The swim spa owner is required to provide unencumbered access to the swim spa for any warranty repair or inspection. Manufacturer shall not be liable for loss of use of swim spa or other incidental or consequential costs, expenses or damages, which may include, but are not limited to water damage, or the removal of a permanent deck or other customer fixture. Under no circumstances shall we, or any of our representatives be held liable for injury to any person or damage to any property, however arising. This warranty gives you specific legal rights and you may have other rights. No service company, or other party is authorized to change, modify, or extend the terms of this Limited Warranty in any manner whatsoever. The jurisdiction and venue for any litigation arising with respect to the transaction evidenced by this warranty shall be the Circuit Court in and for Pinellas County, Florida and Buyer hereby agrees to such jurisdiction and venue.

# *Premium Leisure* LLC

6101 45<sup>th</sup> St. N.  
St. Petersburg, FL 33714  
727.573.9611

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