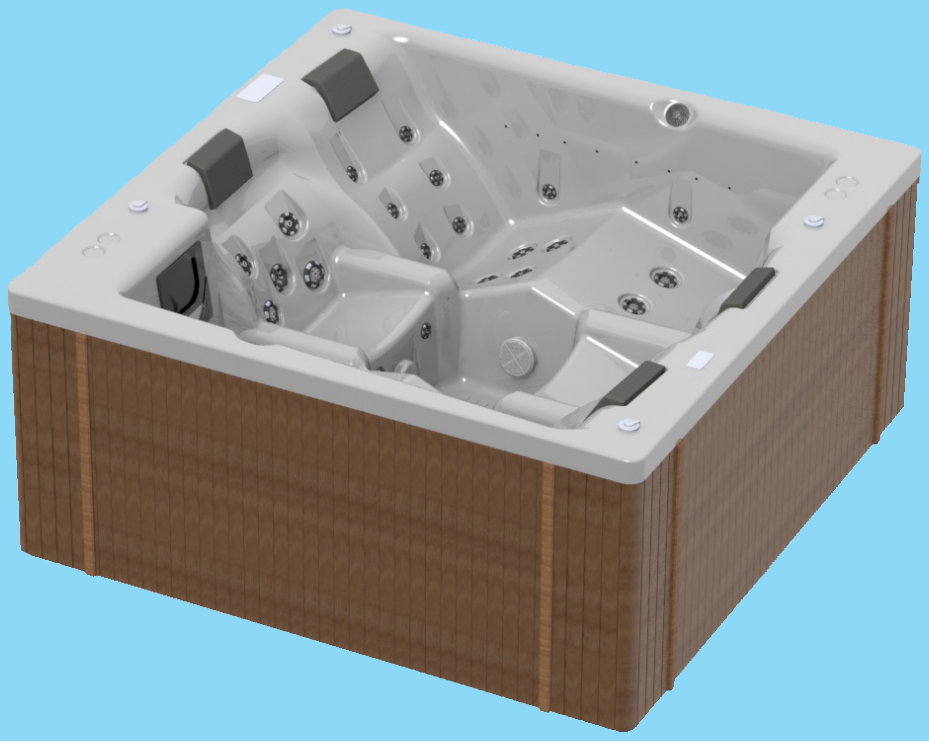
POOLSPA



Multi-person bathtub
GENESIS SPA 213 x 213

Operation and installation manual
Guarantee

Dear Customer,

Thank you for the trust you expressed by purchasing our product. We did our very best so that our product meets your expectations entirely.
For many years we've been offering products of best quality on international level. We pay particular attention to make our products, robust, reliable and safe to use. The highest quality of materials we use, curious stylistics and ergonomy or our equipment guarantee the greatest comfort during a bath.

We hope you will be highly satisfied by our products.

CONTENTS

Introduction 4

PART 1 - OPERATION MANUAL

1.1. Technical Features 6
1.2. Jets....7
1.3. Preservatives 8
1.4. Ventilation 8
1.5. Operation manual of the user and programming interface 9
1.6. Hydromassage 30
1.7. Single - or multipoint colourful LED lighting (option) 31
1.8. Water ozonation 31
1.9. Genesis SPA bathtub filtration system 32
1.10. Disinfection 33
1.11. Water measurement and treatment preparation set....33
1.12. Thermal cover (option)....36
1.13. Cover disassembly/assembly (option) 36

PART 2 - INSTALLATION MANUAL

2.1. Transport....37
2.2. Preparing the operation place for the bathtub 37
2.3. Placing the bathtub 37
2.4. Preparing electric and water connections 37
2.5. Connecting the earthing conductor 38
2.6. Connecting to the power supply network 38
2.7. Startup test 40
2.8. Service valves....40
2.9. Acrylic preservation 40

TERMS OF GUARANTEE 41
PRODUCT TECHNICAL SHEET 43

Introduction

Please read all the manual chapters in order to fully utilise all the functions of a multi-person Genesis SPA bathtub.

Please remember, that even though hydromassage is therapeutic and relaxing, people who are seriously ill or suffering from heart conditions or severe hypertension have to take into account special conditions that are present in Spa and consult with a physician before starting to use the device.

It is recommended to use hydromassage in water of average temperature of 37^0C, for approx. 20 minutes.

It is recommended that children using the device are always accompanied by an adult.

This equipment is not intended to be used by people (including children) with impaired physical, sensory or mental capacity, or people who do not have experience or knowledge of the equipment, unless it takes place under the supervision or according to the equipment operation manual, transferred by people who are responsible for their safety.

Mind that children must never play with this appliance.

Before starting a bath, ensure that the water level in the bath is correct. If the water level is approx. 3-4 below the middle of the skimmer filter, the bath can be started. If the water level in the bathtub is incorrect, the filtration system will not work properly. Heating water in the bathtub will not be possible. Please remember to periodically drain water from the filter.

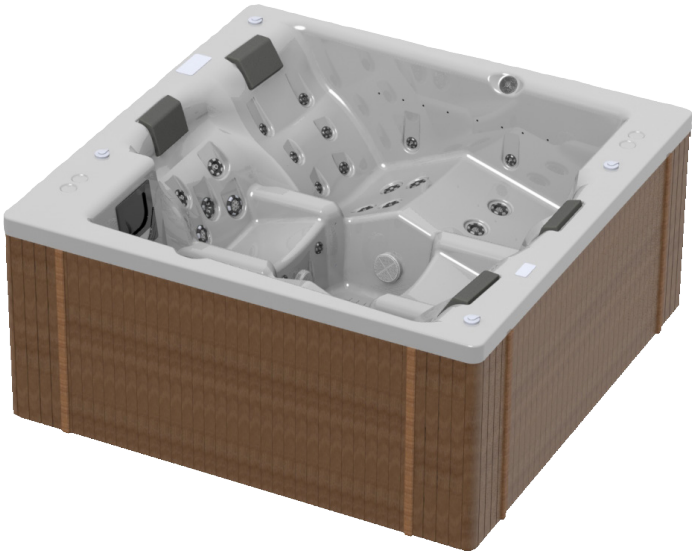
Parts that include active parts, except for parts powered by very low safe voltage that does not exceed 12 V, must be inaccessible for the person present in the appliance.

Parts that include electric components, except for remote control devices, must be placed or fastened in a way that prevents their falling into the bath device.

This manual should be retained for further use.

PART 1 - OPERATION MANUAL

Congratulations on the purchase of Genesis SPA mobile bathtub!



Genesis SPA makes it possible to enjoy hydromassage for five people (sitting) both outdoors and in a bath salon.

The bathtub is equipped in an ozoniser in a standard version, which greatly facilitates the maintenance of water cleanness and yields excellent results in the field of cosmetic medicine. The ozone properties were described more in detail in the 1.8. point of the manual.

The "anti-freeze" system makes it possible to use the bathtub, even at negative temperatures.

Genesis SPA bathtub is equipped in:
- electronic control panel with a display
- 4 aeration regulators for water massage
- 3 kW electric heater (additional electric heater 3 kW - option),
- 2 hydromassage pumps - power 1.3 kW each
- filtration pump 0.75 kW,
- ozoniser,
- UV lamp (option) - no ozone jet,
- the "anti-freeze" system makes it possible to use the bathtub at negative air temperatures.
- water temperature sensor
- hydromassage:
- jet set – 48 pcs. (including 1 ozone jet),
- water aspirator,
- multi-point colourful LED lighting - 24 points,
- 4 polyurethane pillows (black in a standard),
- wooden enclosure in mahogany or pine colour (option),
- plastic enclosure in grey, mahogany or pine colour (option),
- wooden stairs in mahogany or pine colour (option),
- thermal cover (option)

It is recommended to disable electric power supply using a manual disconnecting switch before emptying the bathtub in order to prevent hydromassage pump dry running! Possible claims related to the damage caused by dry running are not subject to complaints!

1.1. TECHNICAL FEATURES

Genesis SPA dimensions:
- width: 2130 mm
- depth: 820 mm
- height: 970 mm x 20 mm

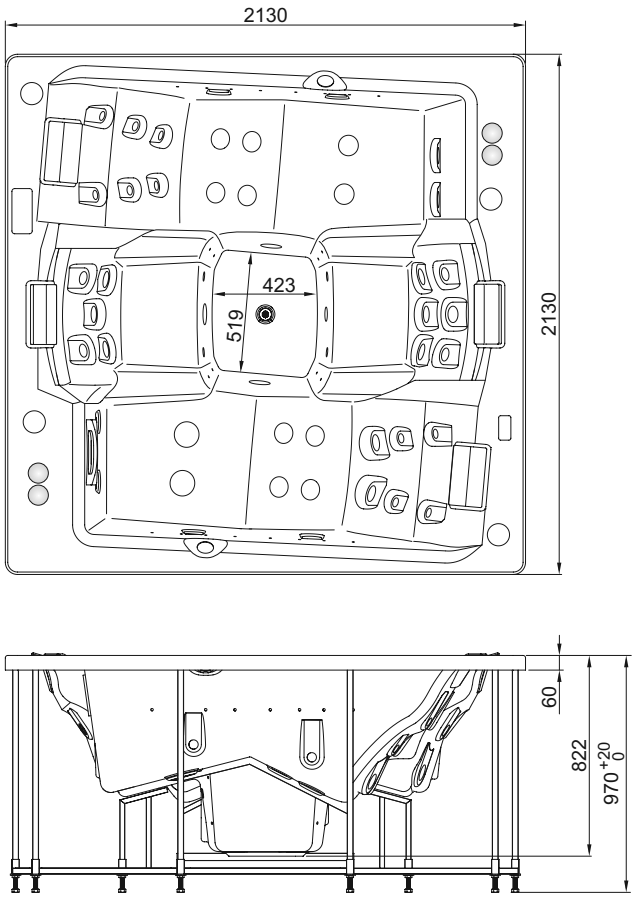
Volume:
950 l

Weight:
~ 350 kg (empty bathtub) with enclosure

Material, design:
Sanitary acrylic enhanced with polyester laminate on aluminium frame.

Supply voltage:
3N 400VAC 50Hz,
3N 400VAC, 50 Hz (option)

Electric equipment:
- 3 kW electric heater (additional electric heater 3 kW - option),
- 2 hydromassage pumps, power 1.3 kW each,
- filtration pump 0.75 kW



Genesis SPA bathtub dimensions

Power supply cable: 5 x 4 mm^2

Rated power and energy consumption:
6,5 kW (L1 - 10 A; L2 - 12,5 A; L3 - 6 A) - version 3N 400VAC
9,5 kW (L1 - 15,5 A; L2 - 12,5 A; L3 - 12 A) - version 3N 400VAC (option)

Maximum number of people bathing: 4

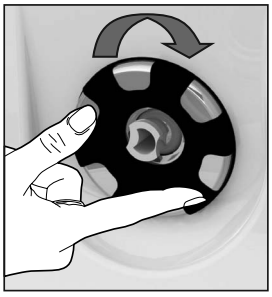
Water type
Use water intended for domestic, properly purified and disinfected. Water should fulfil the conditions specified in the Ordinance of the Minister of Health and Social Welfare of 4th of May 1990 Journal of Laws no 35. Do not use well water without appropriate attestations in accordance with the standards currently in force.

Protection Against Freezing
When the temperature sensors installed in the sensor detect that the temperature is sufficiently low, the devices will be automatically activated in order to protect the system against freezing. Depending on the current conditions, they will operate continuously or periodically.

1.2. JETS

SPA GENESIS is fitted with an innovative jet system:

Jets	Quantity	Drawing
171ZPD1000248 mini fixed jets (A)	14 pcs.	
171ZPD1000248 mini fixed ozone jet (A1)	1 pcs.	
171ZPD1000249 mini pulsating jets (B)	6 pcs.	
171ZPD1000251 mini directional jets (C)	2 pcs.	
171ZPD1000252 mini rotating jets (D)	8 pcs.	
171ZPD1000255 mini fixed jets (E)	4 pcs.	
171ZPD1000257 large rotating jets (F)	4 pcs.	
171ZPD1000258 large fixed jets (G)	4 pcs.	
171ZPD1000260 large fixed jets (H)	4 pcs.	
171ZPD1000262 large fixed jet (I)	1 pcs.	
171ZPD1000308 black bathtub drain 3/4'' (J)	1 pcs.	

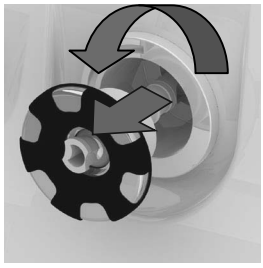


All jets are regulated.

By rotating the jets from left to right in the range of 90^0 we increase the hydromassage intensity. Close the jets by rotating them in the opposite direction.

Replacing jet inserts with the same diameters.
Grip tightly and rotate the jet insert (from right to left) until the insert slides out slowly, then remove it from the enclosure. Then insert the second insert prepared earlier and push it forcefully into the enclosure. If we put the jet insert incorrectly, we need to rotate it slowly leftwards until we hear a click.

Replace the jet inserts with the device OFF



Removal of the jet insert

Installation of the jet insert

It is recommended to remove large jet inserts at least once each 6 months in order to clean them from possible contamination. Clean the middle of the jet, put the insert together and screw it into the jet body.

1.3. TREATMENT SUBSTANCES

Acrylic bathtub surface is coated with a thin wax layer which is a remainder of the polishing process. Metallised elements were coated with silicon oil in order to protect them. Before filling the bathtub with water, it should be washed (e.g. using a dishwashing liquid).

1.4. VENTILATION

High water temperature during a bath (up to 40^0C) causes large amounts of steam. Effective ventilation should be used in the room that contains a bath. Installing a steam condenser that maintains constant air humidity in the bathroom minimises the danger of dampening walls and ceiling. The building's air conditioning eliminates the need to use stem condenser. This problem is not present in the cases when the bath work in open space.

1.5. USER INTERFACE AND PROGRAMMING REFERENCE.

Genesis SPA control panel

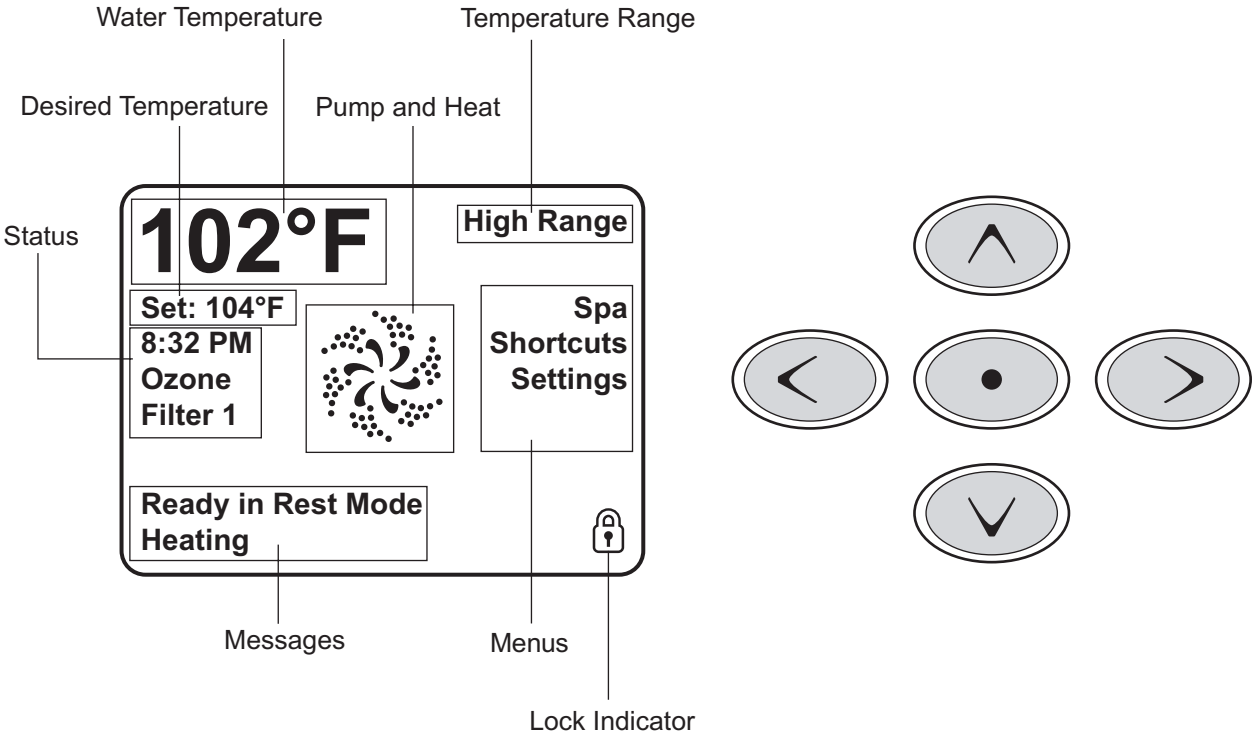
1.5.1. THE MAIN SCREEN

Spa Status

The main screen shows the most important information on the operation of the SPA bath. The screen allows the user to access the main features such as temperature adjustment. The current water temperature is displayed in the screen in large characters with the “Set temperature” being indicated below. The temperature range (*High range* or *Low range*) is indicated in the upper right hand corner. The jet icon located in the middle of the screen is displayed after the pump is started and it will change the colour once the heater is on.

A Lock icon is visible if the panel or settings are locked.

The Menu choices on the right can be selected and the screen will change to show more detailed controls or programming functions.

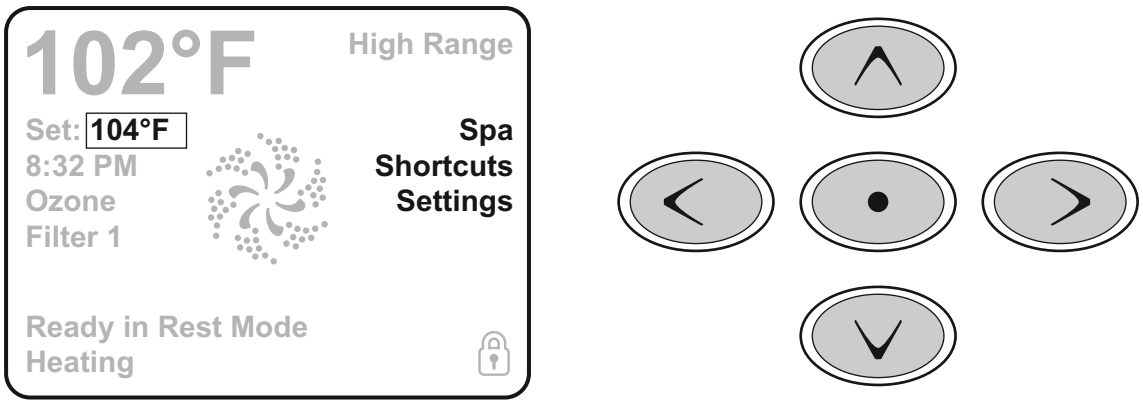


Navigation

Navigating the entire menu structure is done with the 5 buttons on the control panel.
When a text item changes to white during navigation, that indicates the item is selected for action.
Operating or changing a selected item is generally done with the centre button.

The only item that can be changed on the left side of the Main Screen is the Set Temperature. Press the Left Arrow button to change the Set Temperature number to white. The Set Temperature can then be adjusted with the up and down buttons. Pressing the Select button or the Right Arrow button will save the new set temperature.

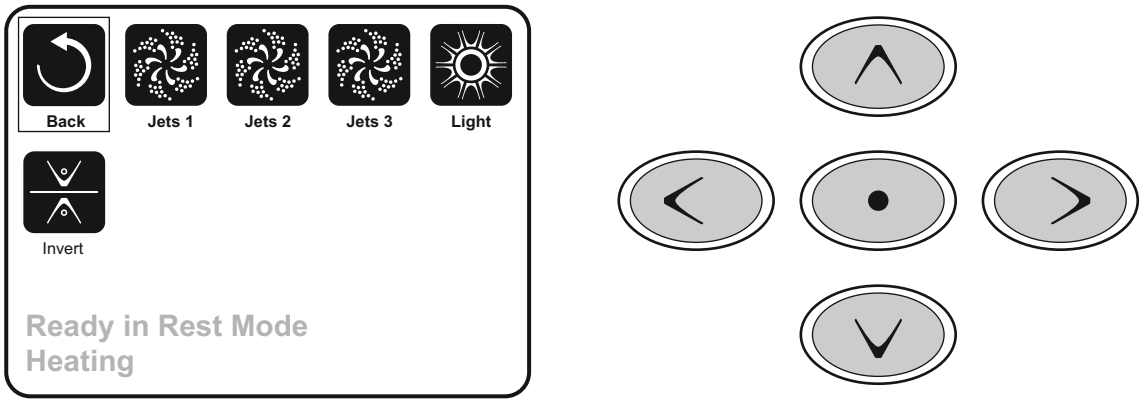
On the right side of the screen, the menu selections can be selected with the Up and Down Buttons. Use the Select Button to choose an item. Selecting one of these items will change to a different screen with additional controls.



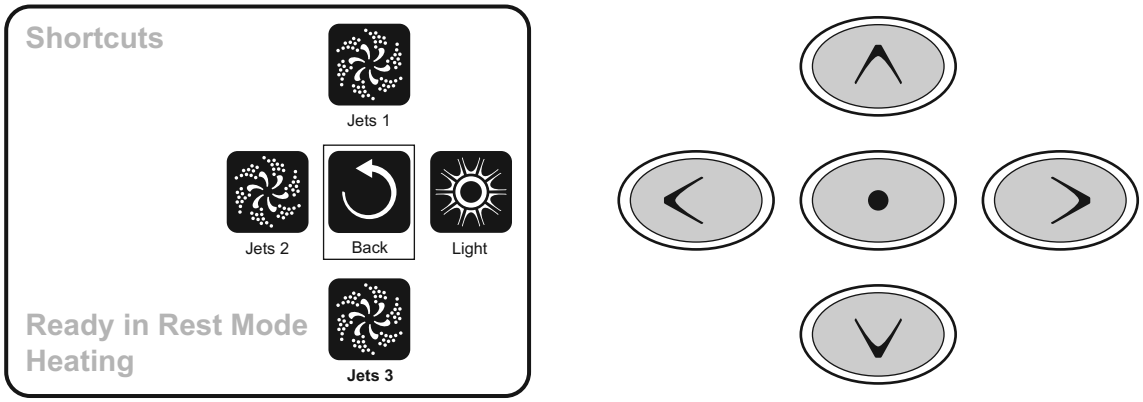
Press-and-Hold
If an Up or Down button is pressed and held when the Set Temperature is selected, the temperature will continue to change until the button is released, or the Temperature Range limits are reached.

1.5.2. ACCESS TO ALL FEATURES
The SPA screen presents all the available and easily configurable bath features, such as the panel rotation, in one place. The icons visible in the screen correspond to the equipment installed in the specific bath model, hence, the content of the screen may vary depending on the product. To select a specific feature use the navigation buttons. The feature currently selected is marked with a white frame around the icon and white text below it. Once selected, the feature can be activated/configured by pressing the selection button located in the middle. Some units, including pumps, may be in one of several different states. The current state is always indicated by the specific icon. The below example illustrates the icons of a two- speed pump.

If the Spa has a Circ Pump, a Circ Pump Icon will appear to indicate its activity, but outside of Priming Mode, the Circ Pump cannot be controlled directly.
NOTE: The icon for the pump that is associated with the heater (Circ or P1 Low) will have a red glow in the center when the heater is running.



One-Press Activation
The Shortcut Screen requires no navigation. Each button is fixed on a specific function and can be used as a very simple user interface for the spa.
Each button function is illustrated in the display and mapped according to the manufacturer's instructions.

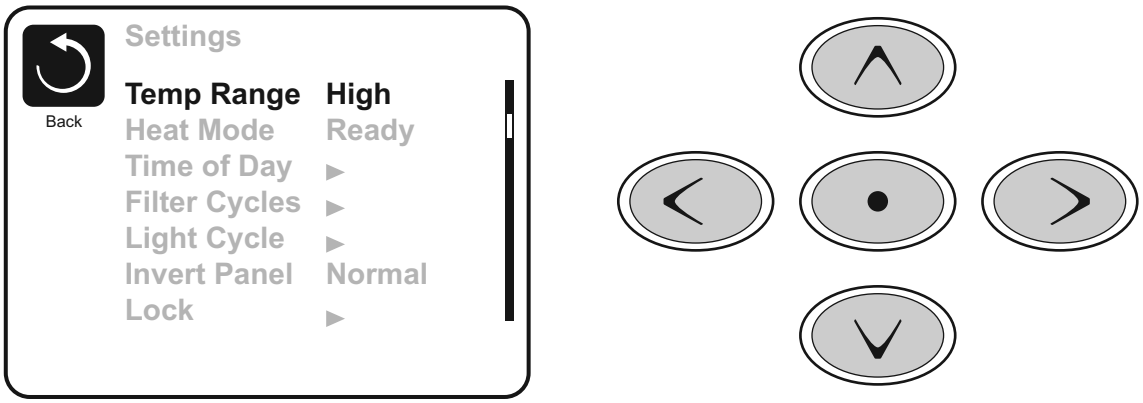


1.5.3. THE SETTINGS SCREEN

The Settings Screen is where all programming and other spa behaviors are controlled.
This screen has several features that can be acted on directly. These features include Temp Range, Heat Mode, and Invert Panel. When one of these items is highlighted, the Select Button is used to toggle between two settings.
All other menu items (with an arrow pointing to the right) go to another level in the menu.

Press-and-Hold

If an Up or Down button is pressed and held when an item in a Menu List is highlighted, the list can be scrolled quickly from top to bottom. The scroll bar on the right side of the screen indicates the relative position of the highlighted item in the list.



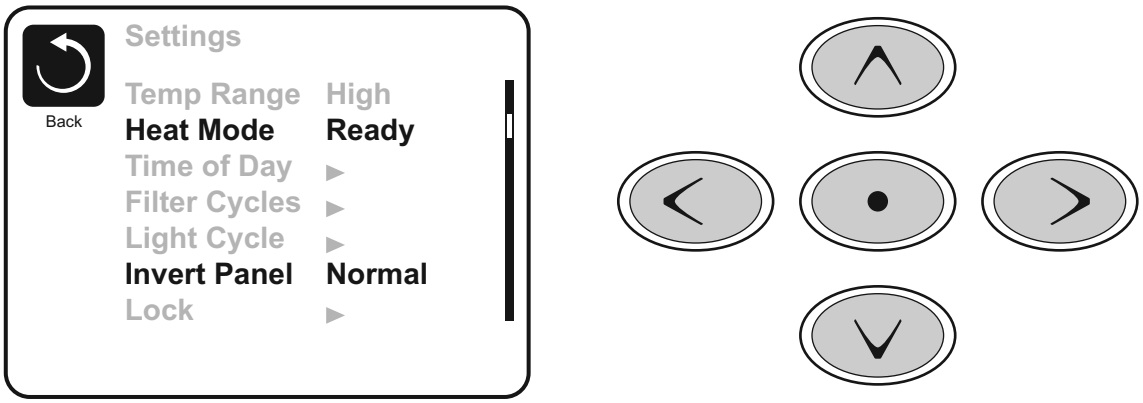
Temperature Ranges

This system incorporates two temperature range settings with independent set temperatures. The specific range can be selected on the Settings screen and is visible on the Main Screen in the upper right corner of the display.
These ranges can be used for various reasons, with a common use being a “ready to use” setting vs. a “vacation” setting. Each range maintains its own set temperature as programmed by the user. This way, when a range is chosen, the spa will heat to the set temperature associated with that range.
High Range can be set between 26,5 °C and 40 °C.
Low Range can be set between 10 °C and 26,5 °C.
Freeze Protection is active in either range.

Heat Mode

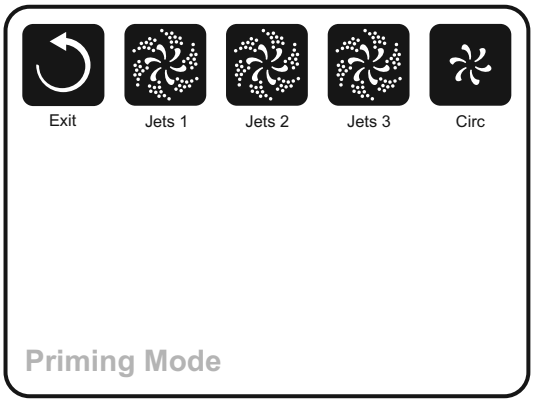
To heat the water in the bath the pump has to feed water to the heater. The pump responsible for the operation is called a filtration pump. The heat pump can be either a two-speed (Pump 1) or a single-speed pump.
If the filtration pump is a two-speed pump 1, water will be supplied in the Ready mode every 30 minutes with the pump 1 operating at low speed (Pump 1 low) to ensure a constant water temperature. If necessary, the water will be heated and the temperature displayed on the screen will be updated. In the Rest mode the heating is carried out during the programmed filtration cycles only. When in the Rest mode, the temperature displayed on the screen may not reflect the current water temperature and the value will be updated after 1 - 2 minutes of the filtration pump operation. While you can turn on or off the pump 1 operating with high speed [Pump 1 High], the pump 1 operating with low speed [Pump 1 Low] will run continuously and turn off once the desired temperature is reached or after 1 hour from the activation.

Filter cycles
If the SPA bath has been configured for a 24-hour circulation, the heat pump will run continuously. As the filtration pump is always on, the system will maintain the required water temperature in the Ready mode and it will heat it if required. In the Rest mode the bath will heat water until the desired temperature is reached during the programmed filtration cycles only.



1.5.4. FILL IT UP!
Preparation and Filling
Fill the spa to its correct operating level. Be sure to open all valves and jets in the plumbing system before filling to allow as much air as possible to escape from the plumbing and the control system during the filling process.
After turning the power on at the main power panel, the top-side panel will display a splash, or startup screen.

Priming Mode
After the initial start-up sequence, the control will enter Priming Mode and display a Priming Mode screen. Only pump icons appear on the priming mode screen. The system will automatically return to normal heating and filtering at the end of the priming mode, which lasts 4-5 minutes. During the priming mode, the heater is disabled to allow the priming process to be completed without the possibility of energizing the heater under low-flow or no-flow conditions. Nothing comes on automatically, but the pump(s) can be energized by selecting the “Jet” buttons. If the spa has a Circ Pump, it can be turned on and off by pressing the “Circ Pump” button during Priming Mode.
Manually exit Priming Mode by pressing the “Exit” Button.



Priming the Pumps
As soon as the Priming Mode screen appears on the panel, select the “Jets 1” button once to start Pump 1 in low-speed and then again to switch to high-speed. Also, select the other pumps, to turn them on. The pumps should be running in high-speed to facilitate priming. If the pumps have not primed after 2 minutes, and water is not flowing from the jets in the spa, do not allow the pumps to continue to run. Turn off the pumps and repeat the process. ***Note:*** Turning the power off and back on again will initiate a new pump priming session. Sometimes momentarily turning the pump off and on will help it to prime. Do not do this more than 5 times. If the pump(s) will not prime, shut off the power to the spa and call for service.

Important: A pump should not be allowed to run without priming for more than 2 minutes. Under NO circumstances should a pump be allowed to run without priming beyond the end of the 4-5 minute priming mode. Doing so may cause damage to the pump and cause the system to energize the heater and go into an overheat condition.

Exiting Priming Mode

You can manually exit Priming Mode by navigating to the “Exit” button on the Priming Mode Screen. Note that if you do not manually exit the priming mode as described above, the priming mode will be automatically terminated after 4-5 minutes. Be sure that the pump(s) have been primed by this time.

Once the system has exited Priming Mode, the top-side panel will display the Main Screen, but the display will not show the temperature yet, as shown below. This is because the system requires approximately 1 minute of water flowing through the heater to determine the water temperature and display it.

– – –°F – – –°C

1.5.5. SPA BEHAVIOR!

Pumps

On the Spa Screen, select a “Jets” button once to turn the pump on or off, and to shift between low- and high-speeds if equipped. If left running, the pump will turn off after a time-out period. The pump 1 low-speed will time out after 30 minutes. The high-speed will time-out after 15 minutes.

On non-circ systems, the low-speed of pump 1 runs when the blower or any other pump is on. If the spa is in Ready Mode, Pump 1 low may also activate for at least 1 minute every 30 minutes to detect the spa temperature (polling) and then to heat to the set temperature if needed. When the low-speed turns on automatically, it cannot be deactivated from the panel, however the high speed may be started.

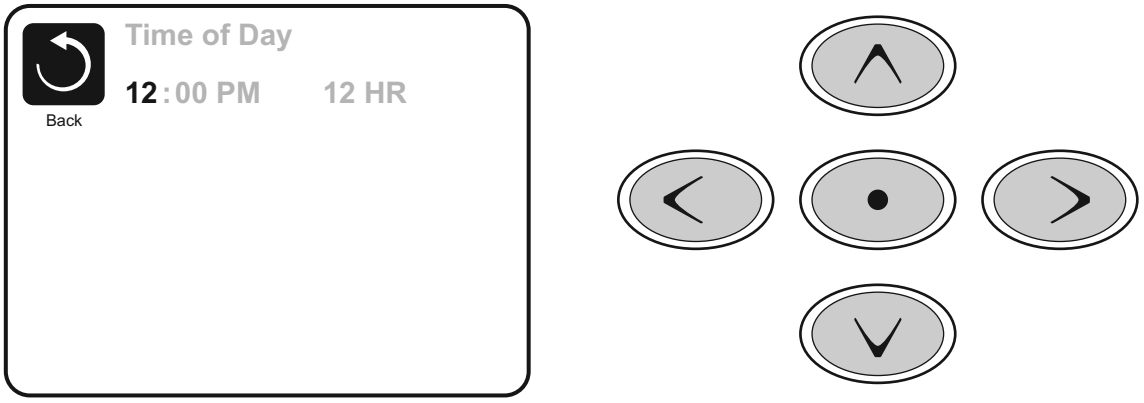
1.5.6. TIME-OF-DAY

Be sure to set the Time-of-Day

Setting the time-of-day is important for determining filtration times and other background features.

“Set Time” will appear on the display if no time-of-day is set in the memory.

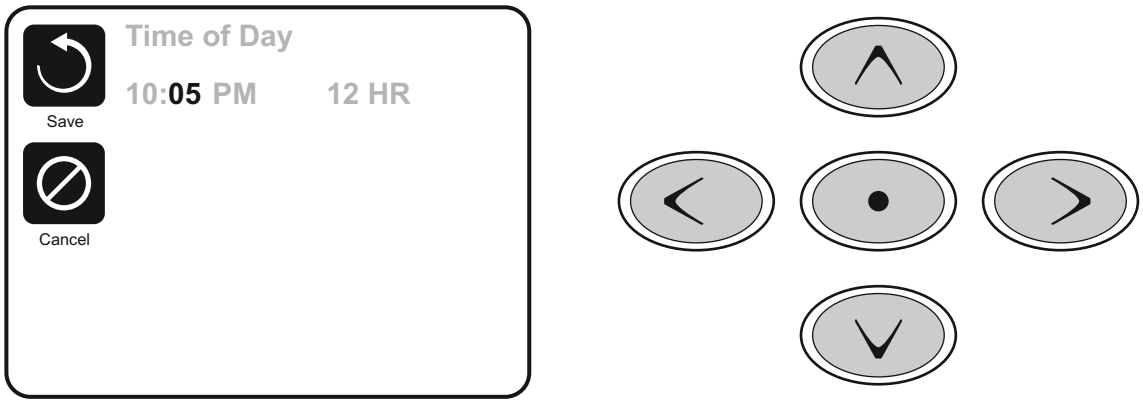
On the Settings Screen, select the Time-of-Day line. On the Time-of-Day screen, simply navigate right and left to select the Hour, Minutes, AM/PM and 12/24 Hour segments. Use the Up and Down Buttons to make changes.



Saving Settings

The Time-of-Day screen is a simple, editable screen that illustrates a feature of the control that applies to all other editable screens as well.

When changes are made, the icon to go “Back” changes to “Save” and a new icon for “Cancel” appears under the Save icon. Navigating to the left will highlight the Save icon, and navigating down from there will allow the user to cancel the pending change. Pressing the “Select” button will save or cancel the changes and go back to the previous screen.

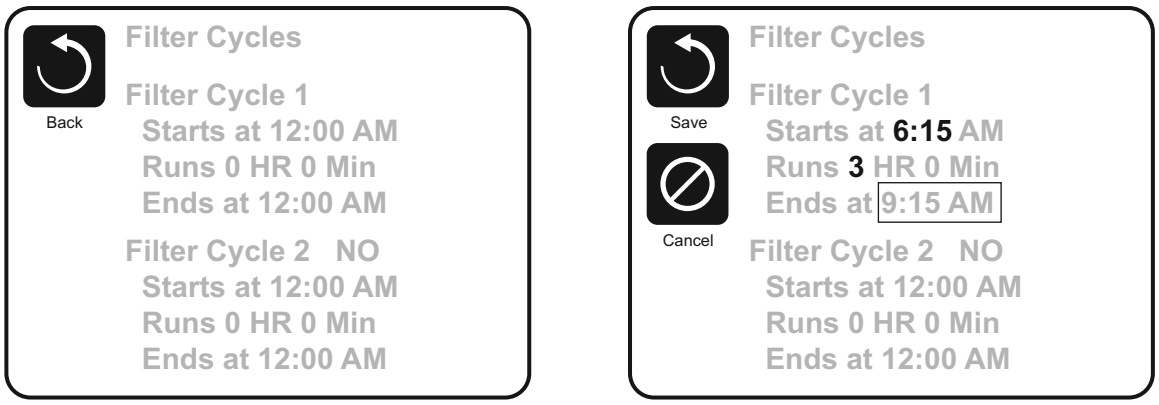


Note:
If power is interrupted to the system, Time-of-Day will be maintained for several days.

1.5.7. ADJUSTING FILTRATION

Main Filtration

Using the same navigation and adjustment as Setting the Time, Filter Cycles are set using a start time and a duration. Each setting can be adjusted in 15-minute increments. The panel calculates the end time and displays it automatically.



Filter Cycle 2 - Optional Filtration

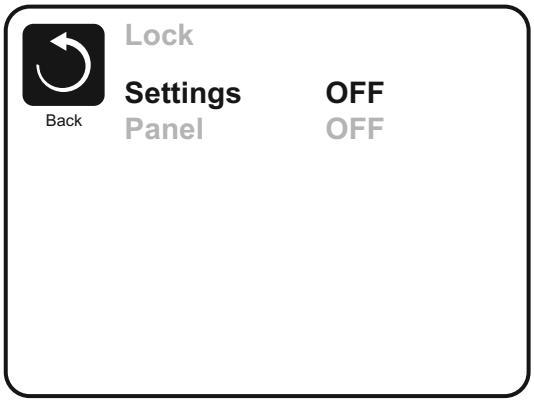
Filter Cycle 2 is OFF by default.
Simply navigate to the Filter Cycle 2 line by pressing the Right Navigation Button, and when “NO” is highlighted, press Up or Down to toggle Filter Cycle 2 on and off. When Filter Cycle 2 is ON, it can be adjusted in the same manner as Filter Cycle 1 by navigating to the right.
It is possible to overlap Filter Cycle 1 and Filter Cycle 2, which will shorten overall filtration by the overlap amount.

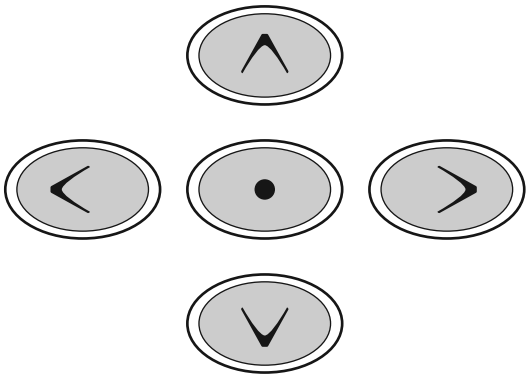
Invert Panel

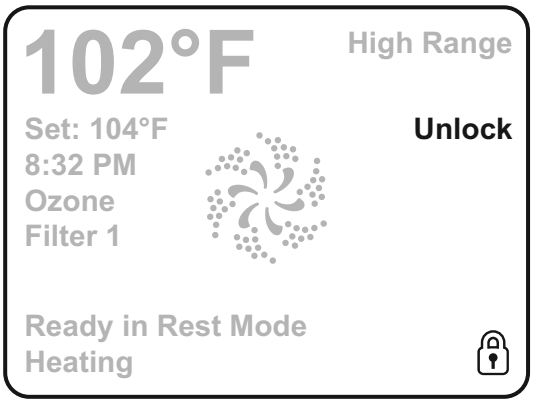
Selecting Invert Panel will flip the display and the buttons so the panel can be easily operated from inside or outside the hot tub.

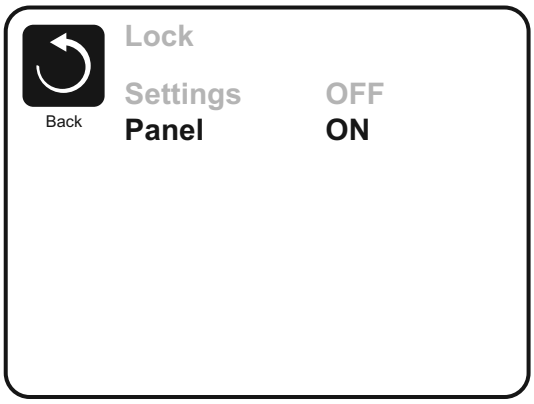
1.5.8. RESTRICTING OPERATION

The control can be restricted to prevent unwanted use or temperature adjustments.
Locking the Panel prevents the controller from being used, but all automatic functions are still active.
Locking the Settings allows Jets and other features to be used, but the Set Temperature and other programmed settings cannot be adjusted.
Settings Lock allows access to a reduced selection of menu items. These include Set Temperature, Invert, Lock, Utilities, Information and Fault Log. They can be seen, but not changed or edited.

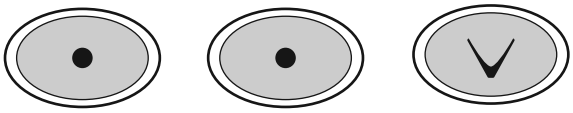








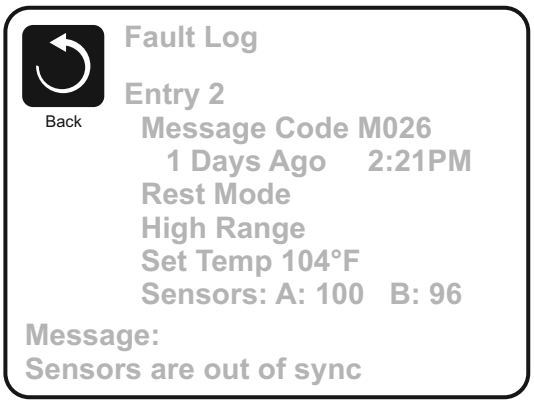
To release the lock, go to the [Lock] screen and the [Settings] field and use the navigation buttons in the following order:



Utilities
The Utilities Menu contains the following:

A/B Temps
Once this option is activated, the sensor A temperature and the heater sensor B temperature are displayed on the screen.

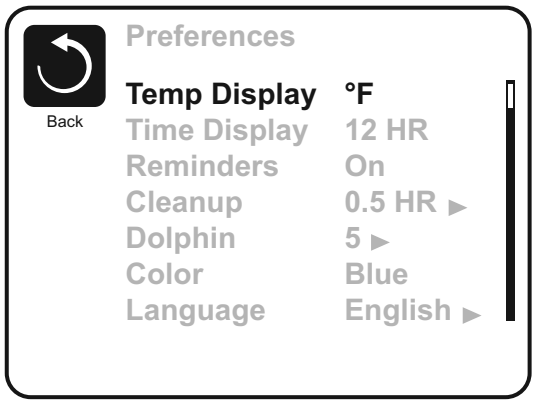
Fault Log
The Fault Log is a record of the last 24 faults that can be reviewed by a service tech.



1.5.9. ADDITIONAL SETTINGS

Preferences

The Preferences Menu allows the user to change certain parameters based on personal preference.



Temp Display
Change the temperature between Fahrenheit and Celsius.

Time Display
Change the clock between 12 hr and 24 hr display.

Reminders
Turn the reminder messages (like “Clean Filter”) On or Off.

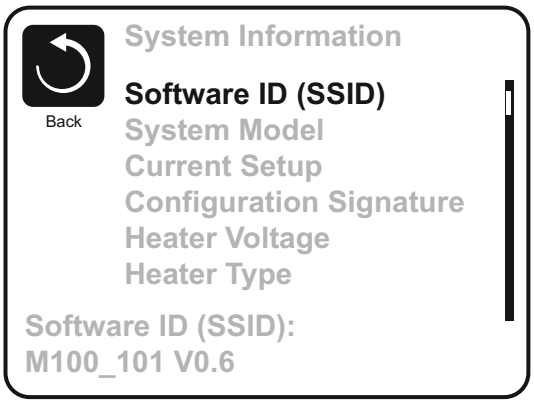
Colour
Pressing the Select Button when Colour is highlighted will cycle through 5 background colours available in the control.

Language
Change the language displayed on the panel.

1.5.10. INFORMATION

System Information

The System Information Menu displays various settings and identification of the particular system. As each item in the menu is highlighted, the detail for that item is displayed at the bottom of the screen.



1.5.11. GENERAL MESSAGES

Most messages and alerts will appear at the bottom of the normally used screens. Several alerts and messages may be displayed in a sequence.

Some messages can be reset from the panel. Messages that can be reset will appear with a “right arrow” at the end of the message. This message can be selected by navigating to it at pressing the Select button.

– – –°F – – –°C

Water Temperature is Unknown
After the pump has been running for 1 minute, the temperature will be displayed.

Possible freezing condition
A potential freeze condition has been detected, or the Aux Freeze Switch has closed. All water devices are activated. In some cases, pumps may turn on and off and the heater may operate during Freeze Protection. This is an operational message, not an error indication.

The water is too hot – M029
The system has detected a spa water temp of 43,3 °C (110 °F) or more, and spa functions are disabled. System will autoreset when the spa water temp is below 42,2 °C (108 °F). Check for extended pump operation or high ambient temp.

M0XX numbers are Message Codes.
* This message can be reset from the topside panel.

1.5.12. HEATER-RELATED MESSAGES

The water flow is low – M016

There may not be enough water flow through the heater to carry the heat away from the heating element. Heater start up will begin again after about 1 min. See “Flow Related Checks” below.

The water flow has failed* – M017

There is not enough water flow through the heater to carry the heat away from the heating element and the heater has been disabled. See “Flow Related Checks” below. After the problem has been resolved, you must press any button to reset and begin heater start up.

The heater may be dry* – M028

Possible dry heater, or not enough water in the heater to start it. The spa is shut down for 15 min. Press any button to reset the heater start-up. See “Flow Related Checks” below.

The heater is dry* – M027

There is not enough water in the heater to start it. The spa is shut down. After the problem has been resolved, you must clear the message to restart heater start up. See “Flow Related Checks” below.

The heater is too hot* – M030

One of the water temp sensors has detected 47,8 °C (118 °F) in the heater and the spa is shut down. You must clear the message when water is below 42,2 °C (108 °F). See “Flow Related Checks” below.

Flow-Related Checks

Check for low water level, suction flow restrictions, closed valves, trapped air, too many closed jets and pump prime.

On some systems, even when spa is shut down by an error condition, some equipment may occasionally turn on to continue monitoring temperature or if freeze protection is needed.

M0XX numbers are Message Codes.

* This message can be reset from the topside panel.

1.5.13. SENSOR-RELATED MESSAGES

Sensors are out of sync – M015

The temperature sensors MAY be out of sync by 2° or 3°. Call for Service.

Sensors are out of sync -- Call for service* – M026

The temperature sensors ARE out of sync. The fault above has been established for at least 1 hour. Call for Service.

Sensor A Fault, Senor B Fault – Sensor A: M031, Sensor B: M032

A temperature sensor or sensor circuit has failed. Call for Service.

1.5.14. MISCELLANEOUS MESSAGES

Communications error

The control panel is not receiving communication from the System. Call for Service.

Test software installed

The Control System is operating with test software. Call for Service.

°F or °C is replaced by °T

The Control System is in Test Mode. Call for Service.

M0XX numbers are Message Codes.

* This message can be reset from the topside panel.

1.5.15. SYSTEM-RELATED MESSAGES

Program memory failure* – M022

At Power-Up, the system has failed the Program Checksum Test. This indicates a problem with the firmware (operation program) and requires a service call.

The settings have been reset (Persistent Memory Error)* – M021

Contact your dealer or service organization if this message appears on more than one power-up.

The clock has failed* – M020

Contact your dealer or service organization.

Configuration error (SPA will not Start Up)

Contact your dealer or service organization.

A pump may be stuck on – M034

Water may be overheated. POWER DOWN THE SPA. DO NOT ENTER THE WATER. Contact your dealer or service organization.

Hot fault – M035

A Pump Appears to have been Stuck ON when spa was last powered
POWER DOWN THE SPA. DO NOT ENTER THE WATER. Contact your dealer or service organization.

M0XX numbers are Message Codes.

* This message can be reset from the topside panel.

1.5.16. REMINDER MESSAGES

General maintenance helps.

Reminder Messages can be suppressed by using the Preferences Menu.
Reminder Messages can be chosen individually by the Manufacturer. They may be disabled entirely, or there may be a limited number of reminders on a specific model. The frequency of each reminder (i.e. 7 days) can be specified by the Manufacturer.

Check the pH

May appear on a regular schedule, i.e. every 7 days.
Check pH with a test kit and adjust pH with the appropriate chemicals.

Check the sanitizer

May appear on a regular schedule, i.e. every 7 days.
Check sanitizer level and other water chemistry with a test kit and adjust with the appropriate chemicals.

Clean the filter

May appear on a regular schedule, i.e. every 30 days.
Clean the filter media as instructed by the manufacturer.

Change the water

May appear on a regular schedule, i.e. every 90 days.
Change the water in the spa on regular basis to maintain proper chemical balance and sanitary conditions.

Clean the cover

May appear on a regular schedule, i.e. every 180 days.
Vinyl covers should be cleaned and conditioned for maximum life.

Treat the wood

May appear on a regular schedule, i.e. every 180 days.
Wood skirting and furniture should be cleaned and conditioned per the manufacturers instructions for maximum life.

Change the filter
May appear on a regular schedule, i.e. every 365 days.
Filters should be replaced occasionally to maintain proper spa function and sanitary conditions.

Reminder messages can be reset from the topside panel.
Additional messages may appear on specific systems.

1.5.17. WARNING! QUALIFIED TECHNICIAN REQUIRED FOR SERVICE AND INSTALLATION

Warning: People with infectious diseases should not use a spa or hot tub.
Warning: To avoid injury, exercise care when entering or exiting the spa or hot tub.
Warning: Do not use a spa or hot tub immediately following strenuous exercise.
Warning: Prolonged immersion in a spa or hot tub may be injurious to your health.
Warning: Maintain water chemistry in accordance with the Manufacturers instructions.

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

Warning! Shock Hazard!

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

1.5.18. MUSIC SYSTEM (OPTION)

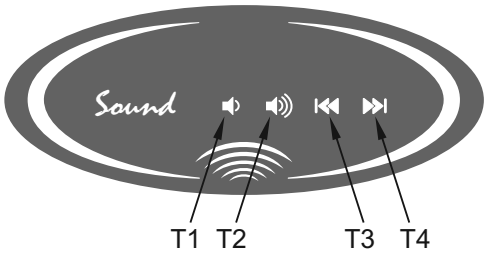
To work correctly with the music system, the source device must have the following characteristics:

- Communication protocol: 2.1 Bluetooth® or previous version.
- Profile: A2DP, AVRCP.
- Band frequency: 2.4GHz
- Capacity (range of action): Class 2 – 10m
- Adjustment of audio emission volume.

To carry out the audio connection by Bluetooth® between the D10-BLUTOO amplifier and an audio source provided with a Bluetooth® A2DP transmission signal, follow these steps:

- Feed power source to the amplifier (loudspeakers must be connected)
- Switch on the source device and trigger on the Bluetooth® function. Search BLUTOO MODO.
- If the connection confirmation is required, enter the pairing code: 0000
- Start an audio track through the player located on the source device

NOTE: in cases of source devices such as mobile phones, you have to perform the "synchronisation of Bluetooth® devices" by using the function "search devices". Please refer to the operating manual of your mobile phone.



Function	Keys
Volume -	T1
Volume +	T2
Previous radio station / previous audio file	T3
Next radio station / next audio file	T4
Continuous volume -	T1>1"
Continuous volume +	T2>1"
Mute (esc pressing T1+T2)	T1+T2>1"
Audio source selection (AUX → BT → FM → AUX → BT…)	T2+T3

1.5.19. CONTROL YOUR HOT TUB FROM YOUR SMARTPHONE (OPTION)

The Balboa Worldwide App (bwa™), is an app for your smart device (Android™ or iPhone®) that allows you to access your hot tub via a direct connection anywhere in the local proximity of your tub, anywhere in your house that you can connect to your local Wi-Fi network, or anywhere in the World you have an Internet connection to your smart device via 3G, 4G, or Wi-Fi hot spots.

With the bwa app, you can ensure that your hot tub will be ready whenever you want to take a dip. Instead of going outside and pressing buttons on the topside panel, the app lets you start the tub and change settings from your smartphone or tablet.

The app provides full interface control so you can set the temperature, turn pumps on and off and even set filtration cycles.

GETTING READY

You're just several easy steps away from connecting your tub to your home network and the Internet. Before you begin, you might want to record some information for your records and to help troubleshoot your setup if needed.

Before the next step, write down the name of your wireless network, password and the encryption type. If you do not know the above data, contact your network administrator, the person who helped you to configure the wireless router or refer to the relevant manuals. You will also need to check if the wireless connection is available at the place where the tub is located.

Download the app to your smart device from either the Google® Play or the iTunes® store. Once you have it loaded on your phone you are ready to connect to your hot tub. Scan the QR code below to take you directly to the the download page.

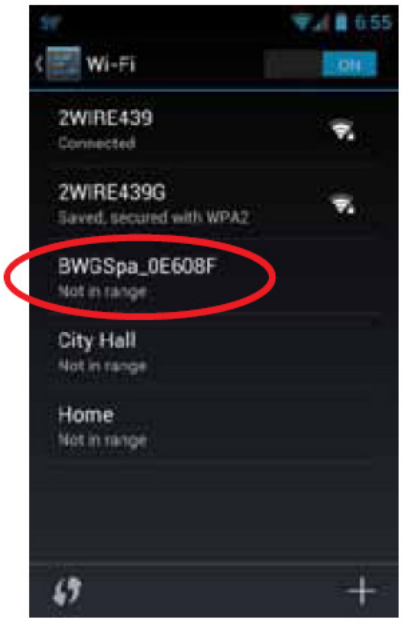
Google® Play Store

iTunes® App Store

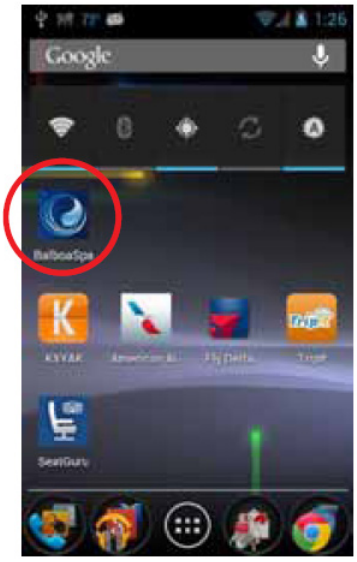
CONFIGURING THE CONNECTION

<u>Direct control</u>

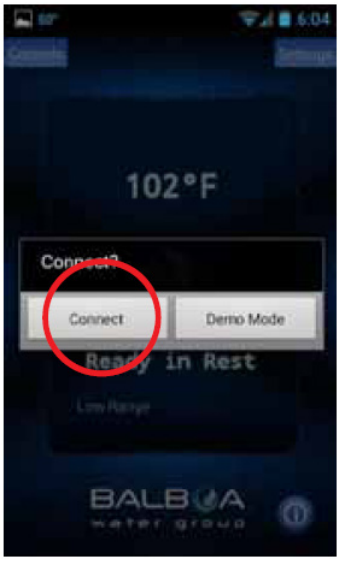
Make sure your device's Wi-Fi is turned on. Check with your device instructions on how to access your Wi-Fi settings. For this example we are using an Android™ device, iOS® would be similar.
Make sure you are near your tub. Go to your Wi-Fi settings screen and look for the **BWGSpa_12345** network or similar. In our example it is **BWGSpa_0E608F** and connect to it. No password is needed.



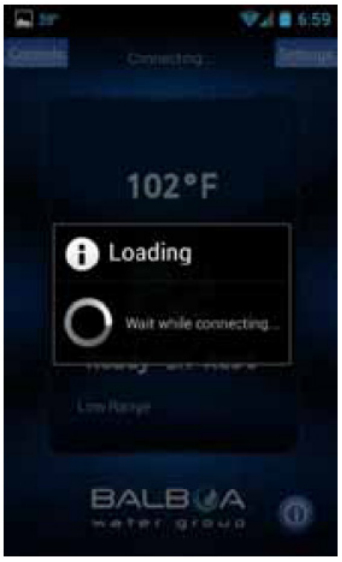
Once you are connected to the BWG Spa network, start the bwa app and follow the prompts on the screen. (Your start screen maybe different.)



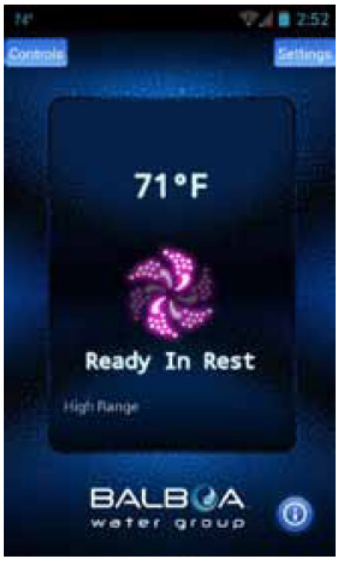
Press the bwa button.



Connect to the spa.



When connected, you will be taken to the main screen.



You are now directly connected to your hot tub and can control all the hot tub functions via the bwa™.

Control via the wireless network

If you do not have a home Internet network, you can stop here. If you do have a home Internet network, you will be able to control your tub while you are in the near proximity of 20 meters. If you have a home Internet network the next step is to connect your tub to it.

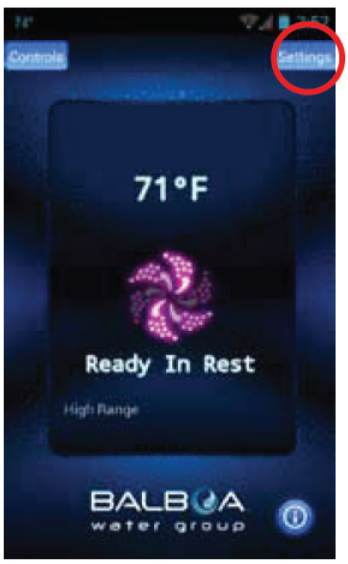
The easiest way to check if you can see your home Internet network from your tub, is to try and connect to it with your smart device next to the tub. Open a browser window and connect to the Internet (or any other app that connects to the Internet). While standing at your tub, if you can connect your smart device to the Internet through your home network, then the tub bwa Wi-Fi module should be able to connect to your home network also.

If you cannot connect to the Internet through your home network, you may need to move your router or add a repeater or some other signal booster so you can see your network at your tub. You can also try moving the Wi-Fi module to a different spot where you do have coverage in your yard.

Once you can see your home network you are ready.

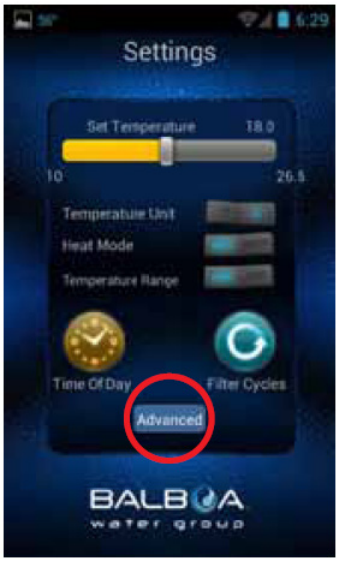
Setting up your Local / Home Wi-Fi is a one-time process. Once connected, you will not need to change your settings again unless your network SSID changes.

Press the Settings button.



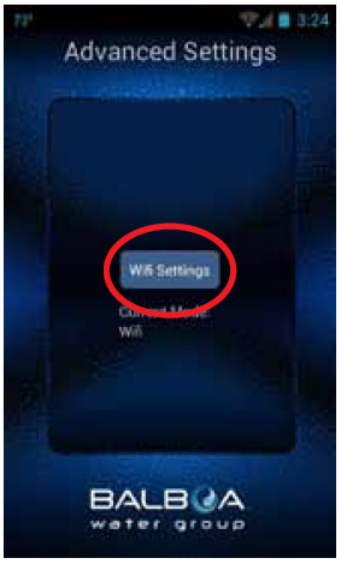
On the next screen, you will select the Advanced button to set up your Wi-Fi network settings

SETTINGS SCREEN



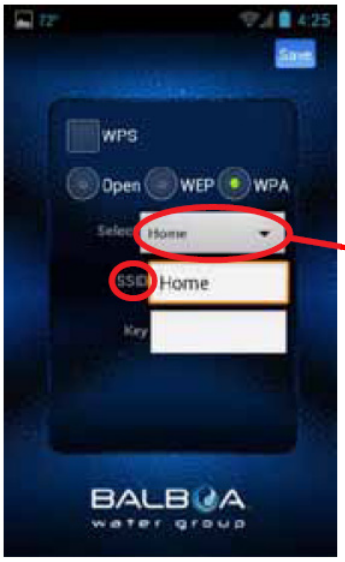
The Settings screen allows you to select the temperature of the spa, change the temperature between Fº and Cº, set time of day, filter cycles and more. Press the Advanced button to setup your Wi-Fi.

ADVANCED SETTINGS

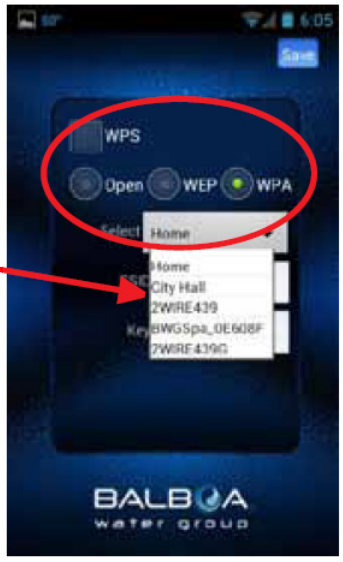


Now select the Wi-Fi Settings button, to select your home network and enter your password.Configuration in Android™ and iOS® systems is described in the following pages.

THE WI-FI SCREEN



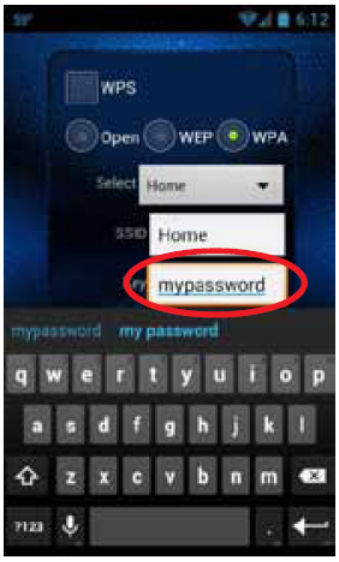
On the Wi-Fi screen you can use the drop down menu to select your network SSID or you can enter it in the SSID box.
You will also need to choose the type of password encryption you are using: Open, WEP, or WPA.



If you have a router that supports WPS provisioning, select that box and press the WPS button on your home router. Not all routers support the WPS function. Check your router's instructions for more details.

CONFIGURATION IN ANDROID SYSTEM

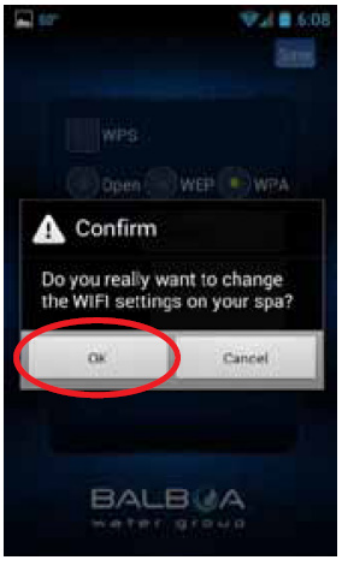
ENTER PASSWORD SCREEN



Select the Key text box to enter your password if you have one. Type it in using the keyboard.

Now you will save the password to the hot tub and the tub will be ready to connect to your network. Press the Save Button.

CONFIRM SCREEN



You will be asked to confirm that you want to update your password to the spa. The BWG Spa network will now disconnect and you will be controlling your tub via your home network.

Wi-Fi LINK SCREEN

You may need to connect to your home network after you save the password.
Exit the app and make sure you are connected to your home network.

CONFIGURATION IN iOS SYSTEM

Type in the Service Set Identifier (SSID) this is the name of your wireless network.

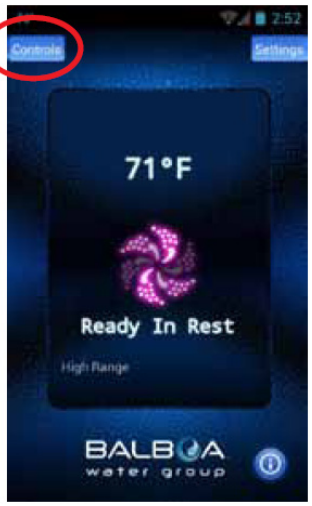
Then select the Key text box to enter your password if you have one. Type it in using the keyboard.

Now you will save the SSID & password to the hot tub and the tub will be ready to connect to your network. The BWG Spa network will now disconnect and you will be controlling your tub via your local/home network.

You may need to go to your settings and connect to your local / home network after you save the password and restart the app.
Exit the app and make sure you are connected to your home network.

If you have your home network setup to automatically connect, the bwa app will re-connect.
You may need to manually connect to your local/home network.

Restart the app and connect to the tub which will now be connected to your local / home network.
You can now control your tub anywhere you can connect to your local / home network.



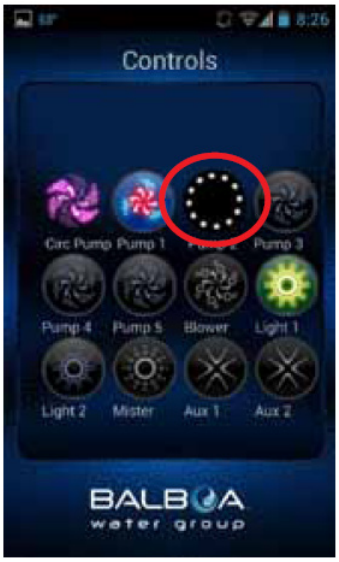
You should now be connected to your local/home network.

You can now turn on your pumps & lights by pressing the Controls button.
On Android™, use the back/ return key to return to the main app screen.

On iOS devices, you will see a Back Button that you will use for navigating between screens.

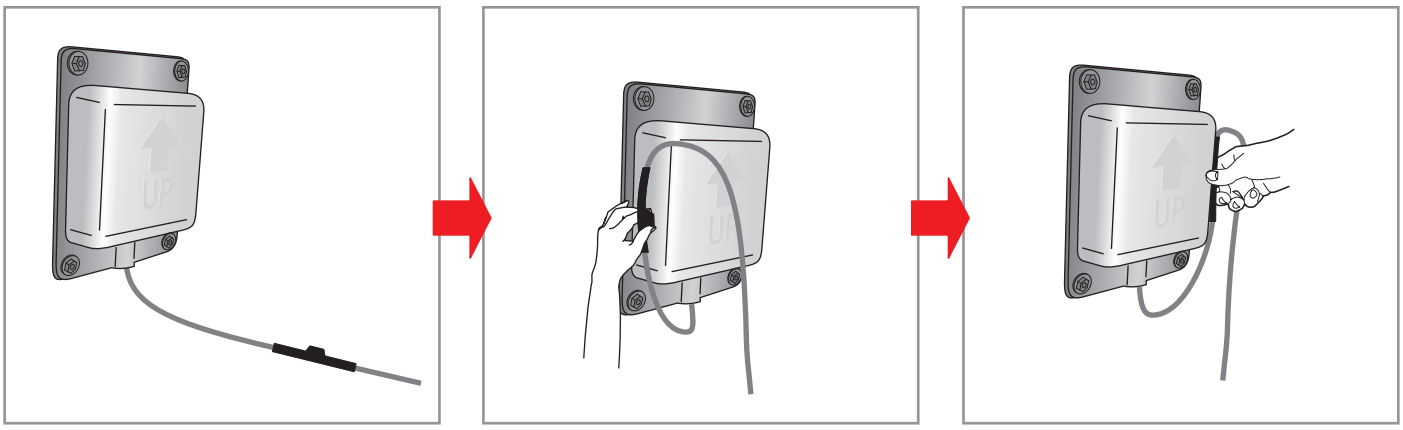
You can now turn on your pumps & lights by pressing the Controls button.
The equipment for your tub will automatically show up on this screen. You can turn the devices on/off by pressing the buttons.

If you want to control your tub away from your local / home network, make sure you have an Internet connection on your device (3G / 4G / Hotspot).
Start the app and press the Connect button. Now you can control your tube via the Internet and can control your tub via your local/home network.



Depending on your coverage and data speed, the response time for acknowledging a device press may vary. You will know the app is waiting by the small spinning dots. If the operation mode of the function is not changed after pressing the button, repeat the operation.

RESETTING THE WI-FI RECEIVER

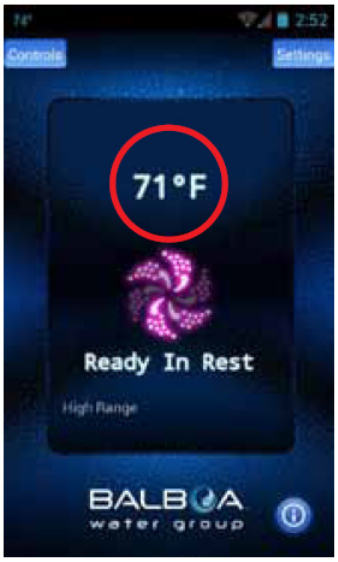


Put it against the left box wall for 15 seconds.

Then put it against the right box wall for 15 seconds and re-synchronize.

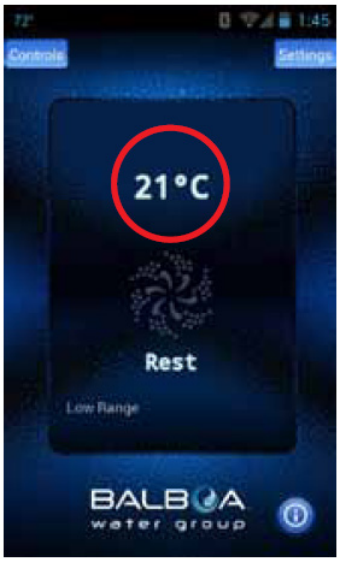
BASIC OPERATION

WATER TEMPERATURE



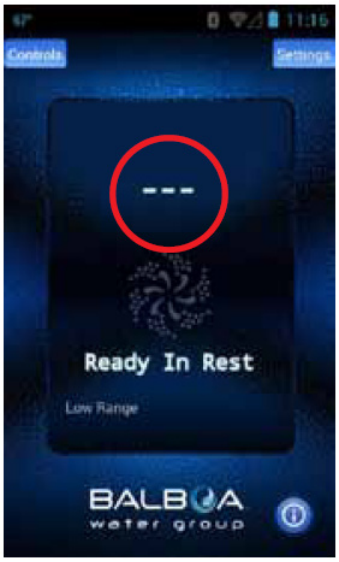
The temperature of the water is displayed.

THE TEMPERATURE CAN BE DISPLAYED IN °F OR °C



You can change the default to Fº or Cº on the settings screen.

OCCASIONALLY, YOU MAY SEE A - - - DISPLAYED

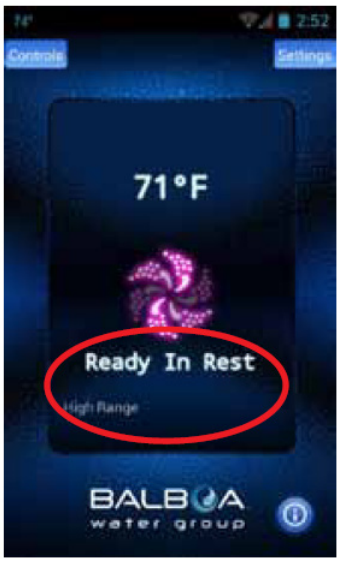


This is normal if the pumps have not been run for a while – the water temperature is unknown.

TURN ON ANY PUMP AND LET IT RUN

The system will display the temperature in about 1 minute.

INFORMATION MESSAGES



Some of the more common messages:

Ready The tub will circulate water every 1/2 hour to maintain a constant water temperature and the heater runs as needed.

Rest – The heater runs only during filter cycles.

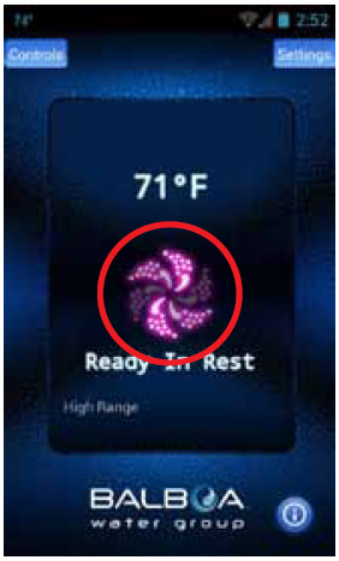
Ready in Rest – If the tub is in Rest and the Jets button is pressed, it is assumed that the tub is being used and it will run the heater to the set temperature.

High Range – Tub is set in high range and the temperature can be set between 26,5 °C (80 °F) and 40 °C (104 °F).

Low Range – Temperature can be set between 10 °C (50 °F) and 26,5 °C (99 °F). (Used to save energy.)

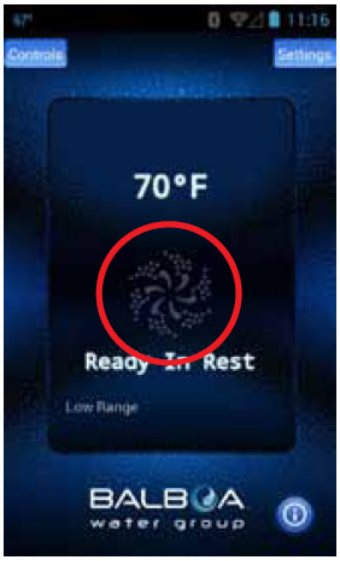
Check your tub's owner manual for other messages.

MAIN PUMP AND HEAT ER STATUS



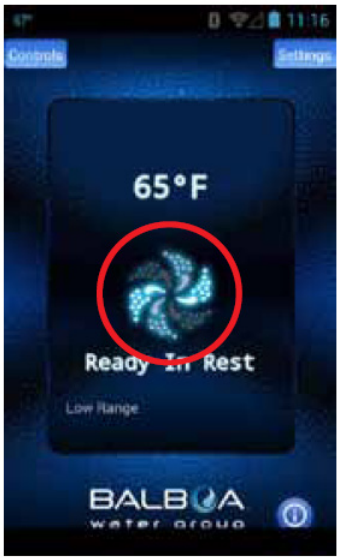
The main pump is on and the heater is on. The icon is red/pink and is moving

MAIN PUMP AND ALL OTHER PUMPS ARE OFF



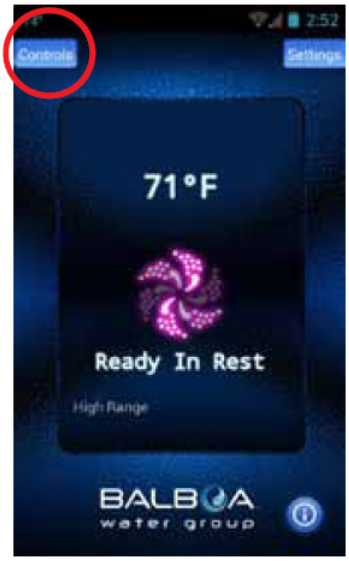
The icon is dark and is not moving.

MAIN PUMP IS ON - NOT HEATING



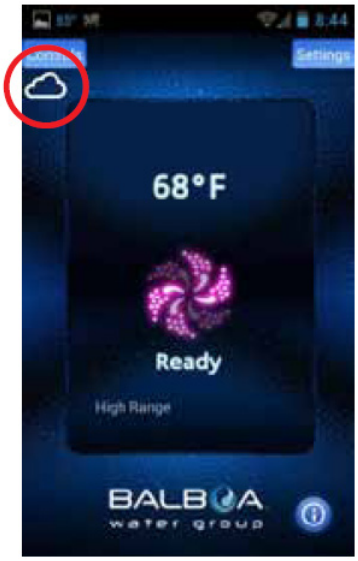
The icon is blue/aqua and is moving.

CONNECTION INDICATOR



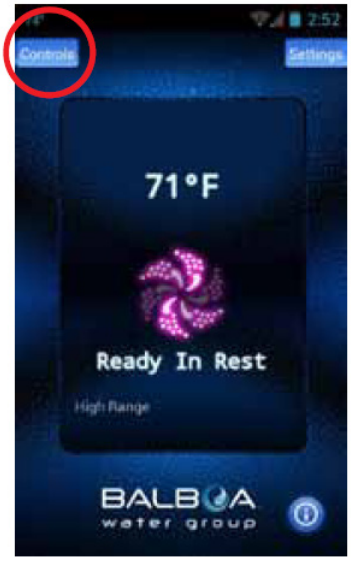
When you are at home using your local Wi-Fi connected to the tub or a direct connection, your screen will look like this.

REMOTE CONNECTIONS



If you are using a Wi-Fi hotspot or cellular data (3G/4G) network to connect to your tub via the Internet you will see a Cloud icon letting you know you are connected remotely.

CONTROLS



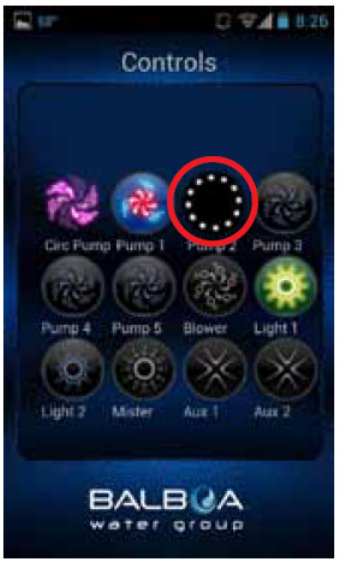
To turn on your pumps, lights and other equipment, press the Controls button.

CONTROL SCREEN – ANDROID™

On Android™, use the back/return key to return to the main app screen.

YOU CAN TURN THE DEVICES ON/OFF BY PRESSING THE BUTTONS OF THE EQUIPMENT YOU WANT TO CONTROL

AS YOU PRESS THE BUTTONS, THE ICONS MAY CHANGE COLORS, CHANGE PICTURES, ETC. AS AN INDICATION OF THE EQUIPMENT BEING ON/OFF, LOW/ HIGH SPEEDS, HEATING , ETC.



Depending on your connection (local or cloud) and coverage / data speeds, the response time for acknowledging a device press may vary. You will know the app is waiting by the small spinning dots.

Pump off

Pump & Heater on

Light on

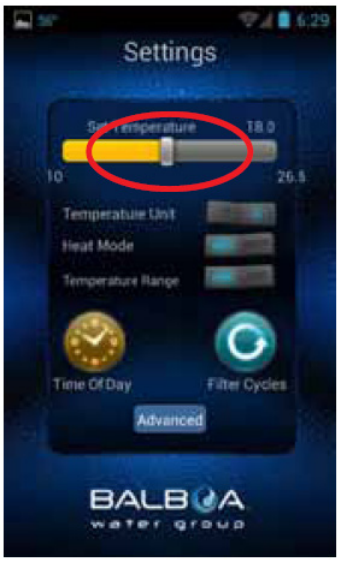
Pump on low speed

Pump on high speed

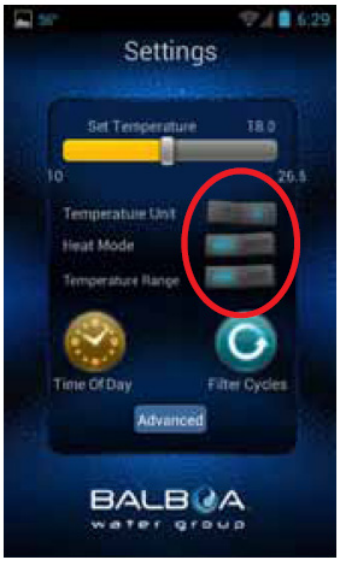
Device waiting on status

Circ Pump running (if equipped)

SETTINGS - ANDROID™ DEVICES

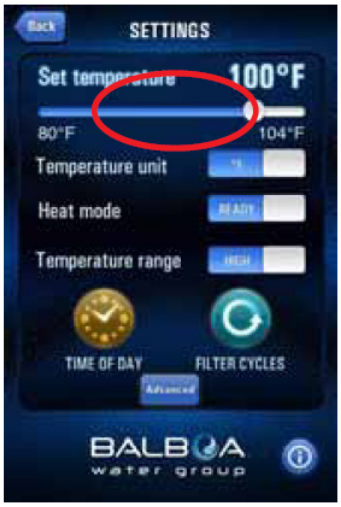


The Settings screen allows you to select the temperature of the spa, change the temperature between Fº & Cº, set time of day, filter cycles and more.

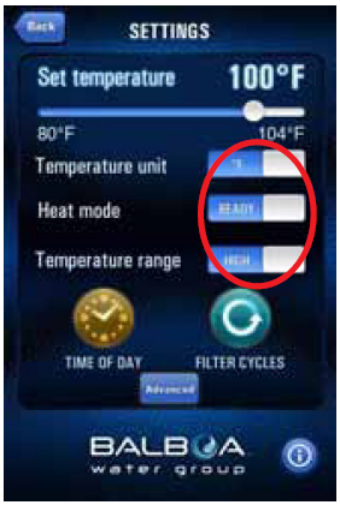


Toggle the buttons to change the temperature between Fº & Cº, Heat mode - Ready & Rest and the Temperature Range – High & Low.

SETTINGS - iOS™ DEVICES



Slide the bar to set the temperature you want the water to heat to. The Set Temperature will adjust accordingly as you move the slider.

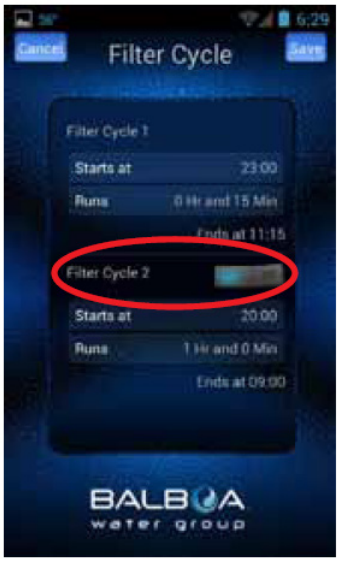


Slide the buttons to change the temperature between Fº & Cº, Heat mode - Ready & Rest and the Temperature Range – High & Low.

FILTER CYCLE

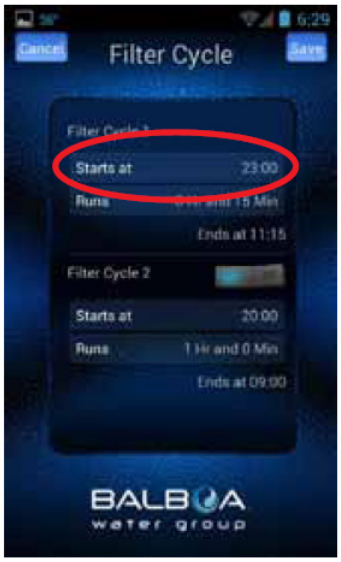
To set the filter times on your tub, press the Filter Cycles button.

YOU CAN HAVE 1 OR 2 FILTER CYCLES



Toggle (Android™) or Slide (iOS®) the button to turn on / off Filter Cycle 2.

SET THE START TIME

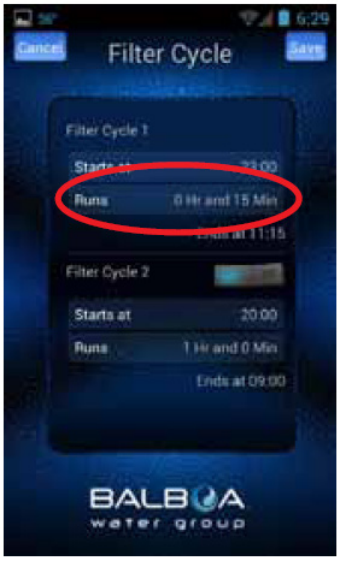


Touch the indicated field.

USE YOUR DEVICE'S TIME WHEEL TO SET THE TIME

Press Done when finished.

SETTING DURATION

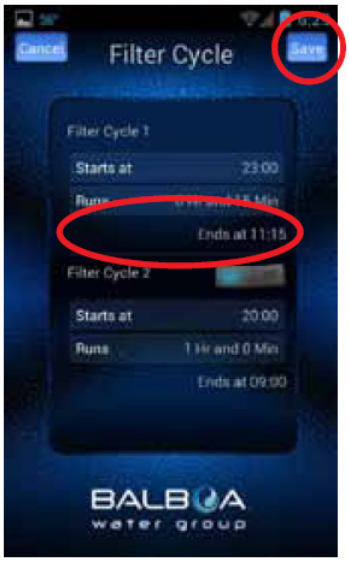


Touch the indicated field.

USE YOUR DEVICE'S TIME WHEEL TO SET THE DURATION

Press Done when finished.

THE SYSTEM WILL AUTOMATICALLY CALCULATE THE END TIME

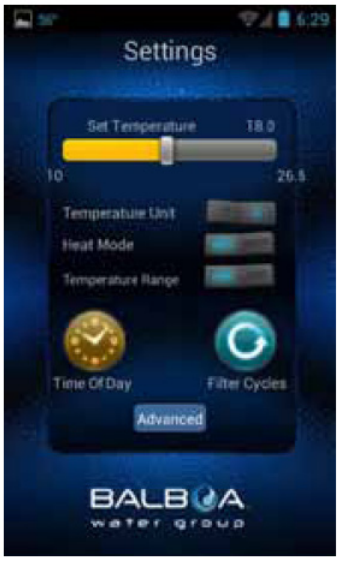


Press Save when finished.

Follow the same process if you are setting up Filter Cycle 2.

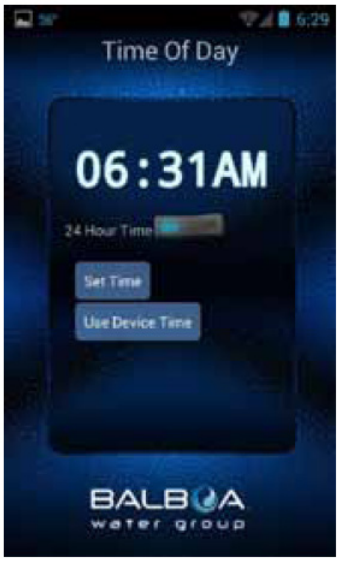
Use the back/return key (Android™) or the Back button (iOS®) or to return to the main app screen.

TIME OF DAY



To set the time of day on your tub, press the Time of Day button.

YOU CAN SET 12 OR 24 HOUR TIME



Toggle (Android™) or Slide (iOS®) the button to change your preferred setting.

You can update the tub's time by using your device time or set it manually.

If you choose to set the time manually, use your device's time wheel.
Press Done when finished.

1.6. HYDROMASSAGE

Water massage involves pressure to specific muscles exerted by a stream of water or water and air. Water or water and air under high pressure get out of regulated jets and hit the surface of the body. Water used during the massage cleans, reinforces and firms the skin. Whirlpool bath is recommended for people with, for instance, spine disorders, rheumatic and muscle pain, respiratory tract disorders or gynaecological issues.

The water massage (hydromassage) system is composed from the following elements:

- a set of 48 water and air jets that lead water or a mixture of water and air with the right speed to the bathtub water space,
- whirlpool hydromassage pumps that force the circulation of water,
- 4 air flow regulators to the hydromassage jets installed at the edge of the bathtub, used to regulate massage intensity,
- water aspirators.

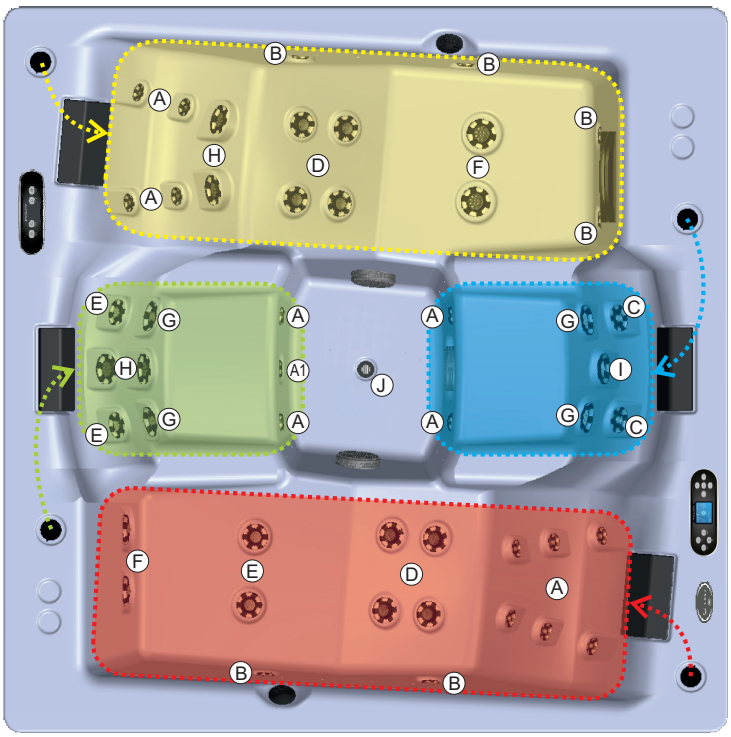
Water massage power regulation takes place using aeration regulators present at the edge of the bathtub by adding air to the water stream coming from the jets. The more air is added, the stronger the stream. Accurate regulation of the water massage power can also be made using jets, which is described in detail in point 1.2.

Increasing the intensity of water massage takes place by rotating the knobs of regulators to the right.

Decreasing the intensity of water massage takes place by rotating the knobs of regulators to the left

Each of the four regulators is responsible for controlling another section of jets.

- (A) - mini fixed jets
- (A1) - mini fixed ozone jet
- (B) - mini pulsating jets
- (C) - mini directional jets
- (D) - mini whirlpool jets
- (E) - mini fixed jets
- (F) - large rotating jets
- (G) - large fixed jets
- (H) - large fixed jets
- (I) - large fixed jet
- (J) - black bathtub drain 3/4"



1.7. COLOURFUL LED SPOTLIGHT/MULTI-POINT LED LIGHT (OPTIONAL)

If the tub is equipped with the multi-colour light feature, the colour can be changed by switching the light off and on again. The light colour changes in a sequence.

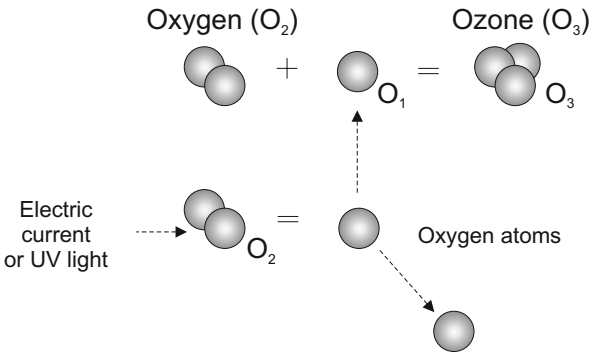
Colourful spotlight settings:

- Slow colour: Colours transition gracefully from colour to colour, cycling through the entire colour wheel. Each colour cycle lasts approximately 3 minutes.
- Fast colour: Colours transition from colour to colour, cycling through the entire colour wheel. Each colour cycle lasts approximately 1 minute.
- Slow random colour: Colours step or jump from one colour to the next in random order. Each colour duration lasts approximately 10-15 seconds.
- Fast random colour: Colours step or jump from one colour to the next in random order. Each colour duration lasts approximately 5 seconds.
- High speed random colour: A rapid series of intense flashes of varying coloured light.
- Cross fade: Colour cycle back and forth gracefully between blue and green. Total cycle lasts 1 minute.
- Fixed colour: Static display of a single colour. Available colours include green and blue.

Colourful multi-point light settings:

6 brilliant colours and 4 colour transition programs
- Tidal fade. Cool colour mix, slow transitions between green and blue tones.
- Afterburner Fade. Warm colour mix – slow transitions between red and orange tones.
- Spectrum Slowdance. Slow transitions between all six colours.
- Colour Burst. Fast strobe through all six colours.

1.8. WATER OZONATION



Ozone producing process

Ozonated air, apart from its pleasant, fresh smell, has numerous healing and anti bacterial properties.

It greatly contributes to the maintenance of hygiene in a bathtub and its equipment. Ozonated air is pumped to the inside of the bathtub via the ozone jet. It operates always when filtration is enabled.

Ozone is healthy:
- increasingly popular in cosmetic medicine
- helps remove stretch marks, cellulite, wrinkles
- improves skin tone
- supports treatment of varicose, skin diseases
- enhances the heart and the cardiovascular tract
- alleviates conditions related with menopause or andropause

Why do we need ozone in SPA bathtubs?
- is anti-bacterial
- helps maintain hygiene in a bathtub
- keeps the water in the bathtub clean, fresh and clear
- eliminates unpleasant odour of water
- eliminates fungus and yeast in water
- decreases the frequency of needed replacement in bathtub

1.8.1. UV LAMP (OPTION)

Special UV lamp generates ultraviolet UV-C radiation of wavelength 253.7 nm, neutralising bacteria, viruses and other primitive organisms, halting their reproduction at the same time.

Advantages of ultraviolet UV-C radiation:

- provides clean, fresh and clear water
- safely and efficiently disinfects water
- controls formation of mould, bacteria and algae
- limits the use of chlorine and other chemicals up to 80%
- prevents the chlorine smell as well as skin and eye irritation (red eyes)
- it is more environmentally friendly than traditional methods

Ozonation and the UV lamp work only during filtration.

1.9. GENESIS SPA BATHTUB FILTRATION SYSTEM

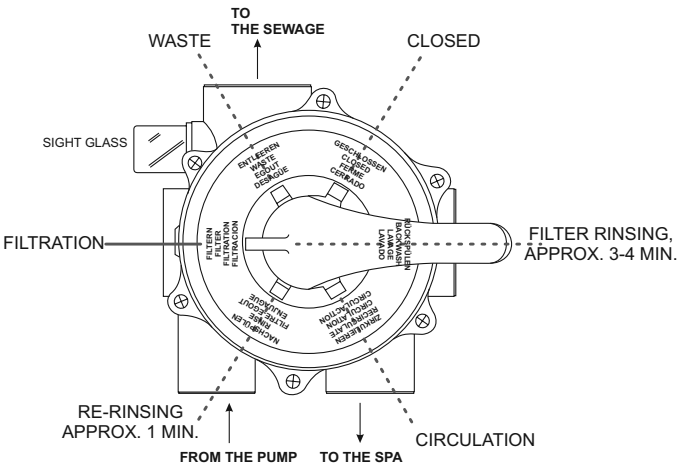
The SPA GENESIS filtration system includes the following elements:

– sand filter F400 (sand filter used in the Genesis bathtub has filter surface of approx. 0.13 m^2)
– filtration/massage pump,
– water aspirator,
– PVC pipes and fittings.

Six-function valve allows operation of a sand filter and controlling its operation. During operation, the valve is set in the filtration position. By setting the valve in the right position, various service actions are performed at the filter, such as filter flushing (cleaning sand deposits) and circulation (water movement skipping the filter tank in order to force quick circulation in the pipeline).

In order to change the sand filter level valve position, you have to DISABLE the filtration circulation pump.

Six function valve diagram



FILTERN, FILTER, FILTRATION, FILTRACION - filtration (normal operation)

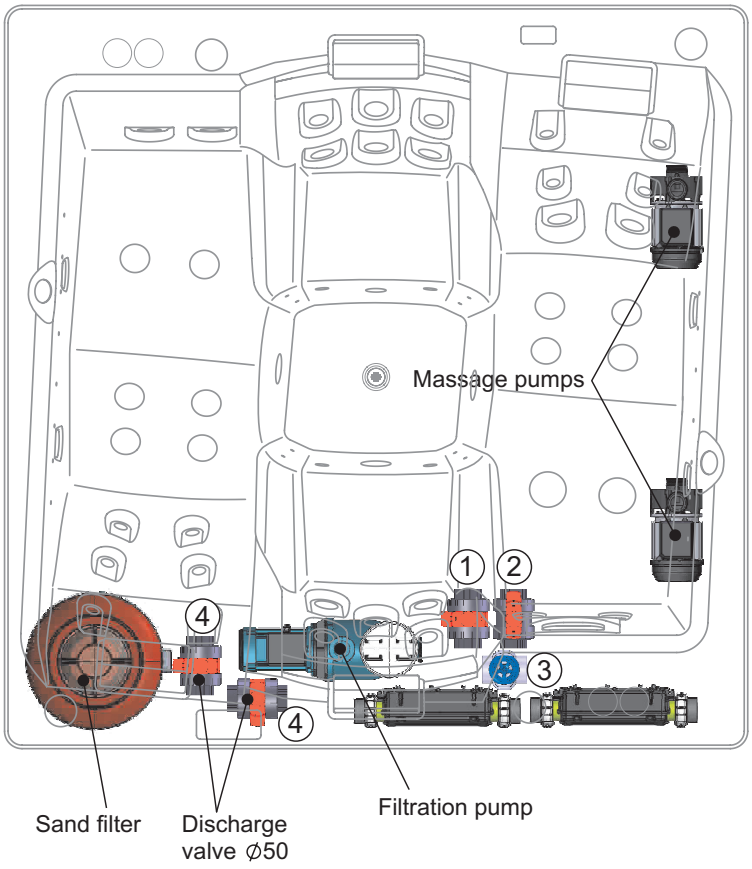
RÜCKSPÜLEN, BACKWASH, LAVAGE, LAVADO - filter cleaning

ENTLEEREN, WASTE, EGOUT, DESAGÜE - emptying to the sewage system

NACHSPÜLEN, RINSE, FILTRE-EGOUT, ENJUAGUE - flushing and settling the sand deposit

ZIRKULIEREN, RECIRCULATE, CIRCULATION, CIRCULACTION - circulation - operation of the filtration system, omitting the filter

GESCHLOSSEN, CLOSED, FERME, CERRADO - closed (do not start filtration pump)



Maintenance of the filter is limited to periodic cleaning of sand deposit (on average, once a week or when the pressure loss at the filter manometer crosses 0.3 bar).
To do so, disable the filtration pump, set the six-function valve lever in the **"RÜCKSPÜLEN, BACKWASH, LAVAGE, LAVADO"** position, open calve no. 1 (it is closed in the picture) and close valves no. 2 and 3 (open in the picture) and close drainage valves no 4 (closed in the picture), start the filtration pump. Observe the water cleanness in the "eye". After cleaning the filter and stopping the filtration pump, set the valve in the **"NACHSPÜLEN, RINSE, FILTRE-EGOUT, ENJUAGUE"** setting and restart the filtration pump in order to settle the sand deposit. In order to empty the bathtub from water, just set the lever in the **"ENTLEEREN, WASTE, EGOUT, DESAGÜE"** position. In order to fill the bathtub with water, close valves no. 4. Before starting the filtration pump, return to the precious setting of valves no 1 (close), no 2 and 3 (open).

Please remember to supply fresh water to the bathtub from time to time (approx. 15 l/person).

Maintenance of the filtration pump
The filtration pump should be cleaned depending on its usage. Contamination gathers in the pump basket. In order to clean the filtration basket, disassemble the filtration pump cover and remove contamination.

1.10. DISINFECTION

In the Genesis SPA bathtub, disinfection is based on ozonation. Ozonation works during filtration. Additionally, a START SET is attached to the bathtub to correct pH and disinfect using the active oxygen method, described in point 1.11.

1.11. WATER MEASUREMENT AND TREATMENT PREPARATION SET

Before the first bath and in accordance to the use frequency (at least once every 2 weeks) pH needs to be measured in the water in Genesis SPA using the attached Dinofresh/pH tester!!!

pH value measurement:
• Flush and fill the test vessel (up to the 10 ml marking) with water intended for tests.
• Put one tablet of PHENOLRED in the water sample vessel and close with a plug.
• Shake to help the tablet dissolve.
• Perform colour comparison of a test solution with colours in the left hand side column and read the pH value in controlled water.
• All pH values below 6.8 cause yellow colouration.
• All pH values above 8.2 cause red colouration.
• Ideal value: 7.2 - 7.6

Dinofresh content measurement:
It is a measurement of active oxygen preparation that indicates the level of active oxygen in water.
• Flush and fill the test vessel (up to the 10 ml marking) with water intended for tests.
• Put one tablet of DPD 4 in the water sample vessel and close with a plug.
• Shake to help the tablet dissolve.
• Perform colour comparison of a test solution with colours in the right hand side column and read the Dinofresh content in controlled water.
• Recommended value: 5.0-8.0 mg/l

Important tips:
• Touching tablets with fingers may cause false results.
• Read indications immediately after a tablet dissolves in the water sample.
• After each measurement, thoroughly flush the test vessel and the cover. Otherwise, the results may be false.

Reagents in tablets are intended for the abovementioned chemical analyses and should not be used for other purposes. Keeps reagents in tablets away from children.

Start set: test vessel with DPD and Phenolred tablets

If water pH value is other than: 7.2–7.6, use granulates added to the Genesis SPA bathtub in order to adjust the pH value.

1. Dinominus - granulate for lowering pH value.
Application: to lower the pH value by 0.1 add approx. 10 g/1 m3 of water (in case of Genesis 10 g). With operating filtration pump, add the granulate directly to the bathtub and spread it evenly across the entire bathtub surface. Measure right after adding. Do not add near the skimmer filter.

2. Dinofresh - active oxygen preparation granulate for disinfection of water, apply to the skimmer. Application: 25 g/1 m3 - startup portion (25 g for Genesis volume), then 5 g portions or its multiplication to maintain the level of 5÷8 mg/l of dinofresh in water.

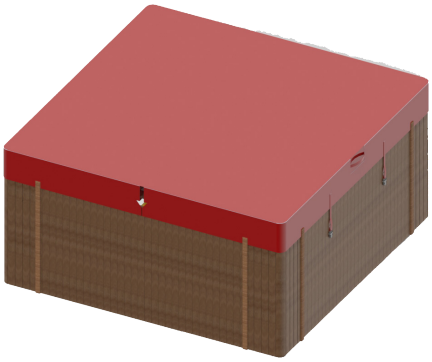
3. Dinoclean S - alkaline, liquid, strong compound for cleaning bathtub rims and dissolve grease. Suitable particularly for removal of greasy dirt on the ceramic parts and rims of bathtubs as well as for removal of calcium deposits. Application: apply concentrated or diluted (1:10) preparation on contaminated surfaces using a brush. After a short time of action, rinse thoroughly with water. Do not let it dry before rinsing.

A set of care products for disinfection GENESIS SPA can be purchased in most sales salons in the entire country where ROCA POOL-SPA products can be bought as well.

It is natural for SPA bathtubs that water pH increases. However, it may sometimes happen that water pH drops. We recommend using Dinoplus granulate, which can be ordered via the sales salon at the Genesis SPA bathtub manufacturer's.

A set of measurement and treatment preparations (to be purchased in salons)

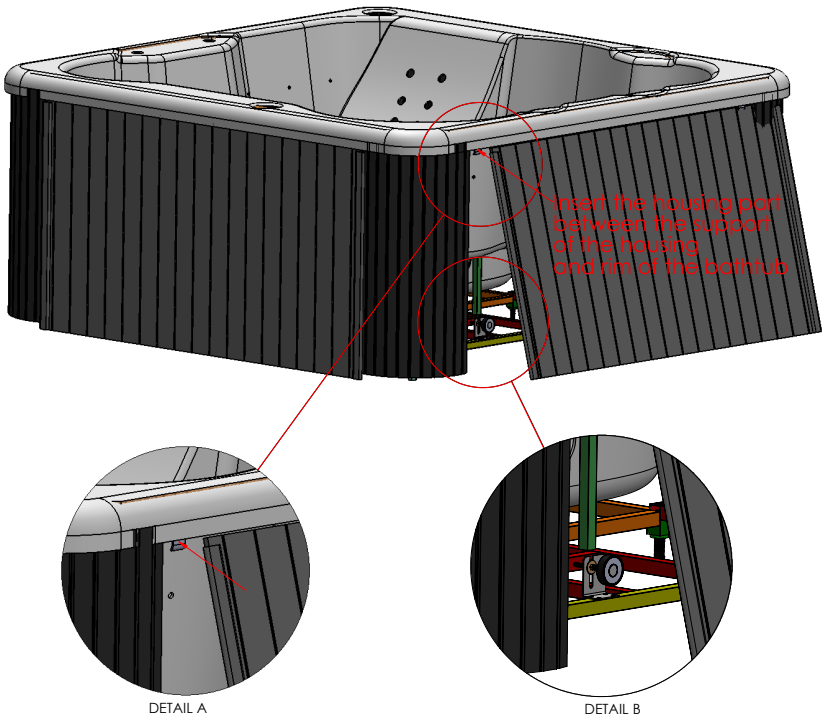
1.12. THERMAL COVER (OPTION)

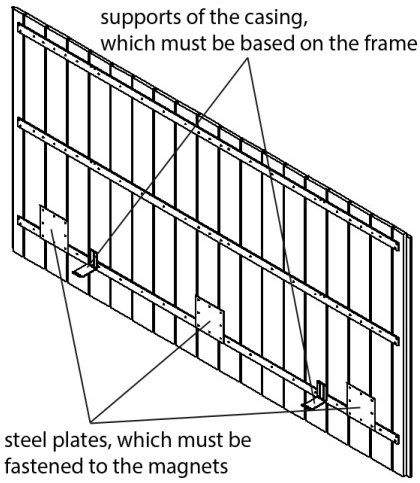


Genesis SPA bathtub is optionally equipped with a thermal cover. We recommend buying a thermal cover in case:
- the bathtub will be used on open air, e.g. in a garden (cover prevents quick loss of heat by the water and greatly improves the maintenance of hygiene in the bathtub).
- when the bathtub will be used often in a closed room (the cover prevents increased water evaporation).
2 times a year open the thermal cover case to remove possible water deposits.

1.13. ENCLOSURE DISASSEMBLY/ASSEMBLY (OPTION)

Assembly and disassembly of enclosure elements (wooden or from plastics) involves sliding these elements under the bathtub edge and fastening them to the frame structure using magnets.





PART 2 - INSTALLATION MANUAL

2.1. TRANSPORT

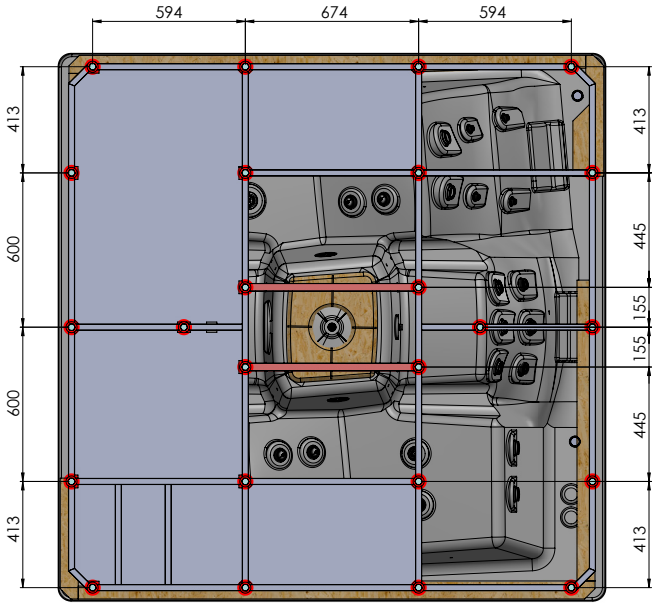
The bathtub should be transported in the original Manufacturer's packaging.
After unpacking, the bathtub should be moved by holding it by the frame, possibly by the acrylic elements. Using use pipes and lines that constitute the massage system elements as handles is prohibited.

2.2. PREPARING THE OPERATION PLACE FOR THE BATHTUB

Mobile bathtub Genesis SPA can operate in closed rooms and on open air. The place where the bathtub will be installed has to fulfil the following conditions:
a) the right room size (in case of closed spaces) and the transport route which make it possible to bring the bathtub into the room,
b) preparation of an electric connection with the performance of 6.5 kW, 3N 400 VAC, 50 Hz (5x4 mm^2) in case of a standard version (9.5 kW, 3N 400 VAC, 50 Hz (5x4 mm^2) in case of an option) secured with a residual current device with a maximum deactivation current of 30 mA,
c) water inlet and outlet (ø50),
d) levelled base surface,
e) the right hardness of the base surface adjusted to the bathtub weight
f) appropriate ventilation (in case of closed rooms),
g) in case of a bathtub installed in a closed room, secure access to electric devices in order to perform control or inspection.

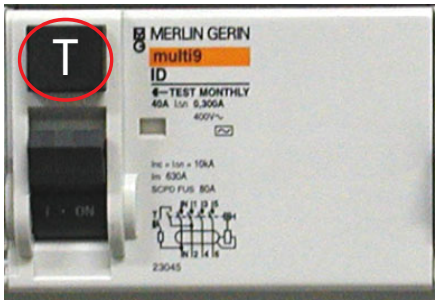
2.3. PLACING THE BATHTUB

In order to ensure correct operation conditions, the bathtub has to be placed on very well levelled base surface. Setting the bathtub must provide access to the devices that are underneath it (devices placed on the control panel's side). The bathtub legs should contact with any hard base surface. Total weight of a bath filled with water with four people present will equal approx. 1600 kg.



2.4. PREPARING ELECTRIC AND WATER CONNECTIONS

Depending on configuration, Genesis SPA consumes a maximum of approx. 6.5 or 9.5 kW of power. In both cases, the minimum cable cross-section should not be less than 5x4 mm^2. If the bathtub will be present outdoors, a cable with insulation resistant to degradation by atmospheric condition needs to be used. The cable has to be secured from mechanical damage. If the insulation or the cable is damaged, it should definitely be replaced because it constitutes a risk of electric shock.



A residual current device with a selected test button

The bathtub power supply cable should be secured by an overcurrent circuit breaker with C characteristics and 16 A power supply current in the case of a 5x4 mm^2 cable. For safety reasons, the bathtub power supply cable has to be connected to the electrical network only via an electrical terminal protected with a residual current switch with a rated breaking current value of 30 mA. Periodic inspection of the residual current switch are recommended, in accordance with the guidelines on testing and resetting this type of devices. The SPA bathtub is connected permanently to the building's electric system. The electric system should be equipped with the right manual disconnecting mechanism that allows opening of contacts at each power supply pole.

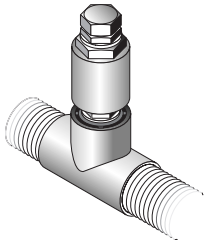
Additionally, it is required to perform bathtub equalising connections using a terminal present on the bathtub frame. The minimum cross-section of the equalising line is 4mm^2.

All electrical connection works should be performed by an authorised electrician.

For security reasons, from time to time, an efficiency test of the anti-shock security measure should be performed by pressing the TEST button on the residual current switch. If the power supply is not immediately disabled after pressing the button, the bathtub should be immediately disconnected manually and a specialist should be called. The SPA bathtub should not be used if the protection measures do not work correctly.

To prevent activation of bathtub without water, disconnect electrical power supply using the manual mechanism mentioned above.

The bathtub may be connected to the water and sewage network permanently, it is also possible to fill and empty the bathtub using flexible hoses disconnected after these operations. The flexible piping of the bathtub includes a tee with a half-inch connection for filling the bathtub via the hydromassage jets.



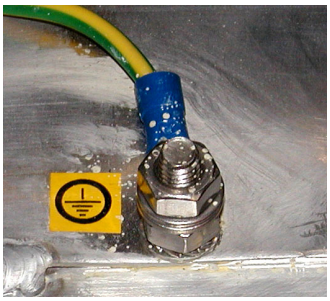
Tee with a half-inch connection

Genesis is also equipped with a drainage jet which makes it possible to empty the bathtub via a connected garden hose ended with a valve with a **Gardena** socket.

It is recommended to connect the bathtub permanently to the sewage system due to the possibility of water overflowing via the emergency overflow hole.

2.5. CONNECTING THE EARTHING CONDUCTOR

To ensure correct operation of the residual current switch and the device itself, it is necessary to install the earthing line with a minimum cross-section of 2.5 mm^2. Connect the line to the frame in a place visible in the picture besides this text. Permanently connect the second end of the line to the system protective earthing in the building.



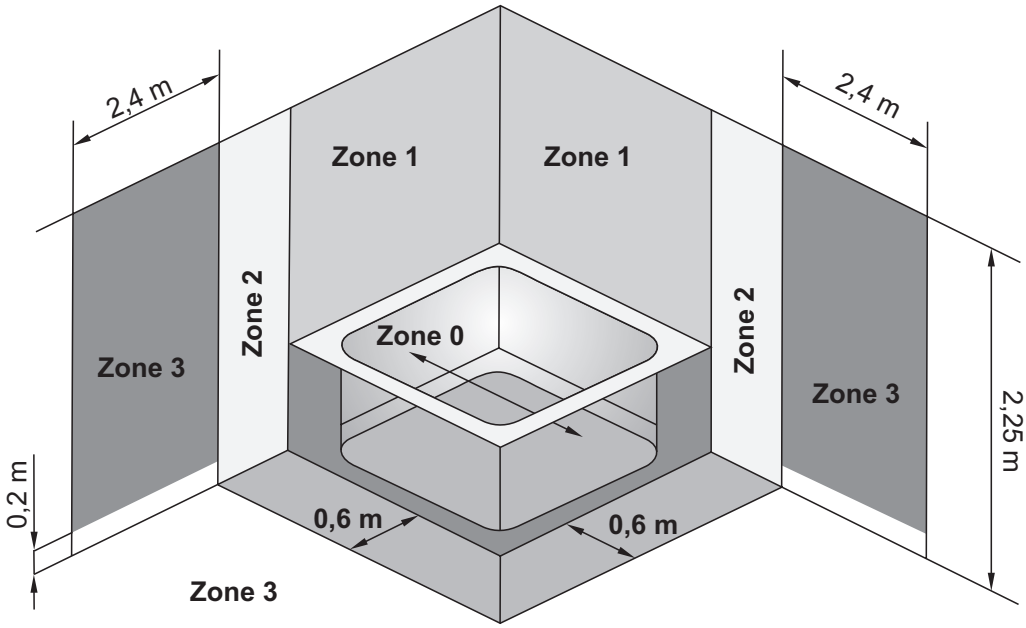
Place of connection of the earthing wire

2.6. CONNECTING TO THE POWER SUPPLY NETWORK

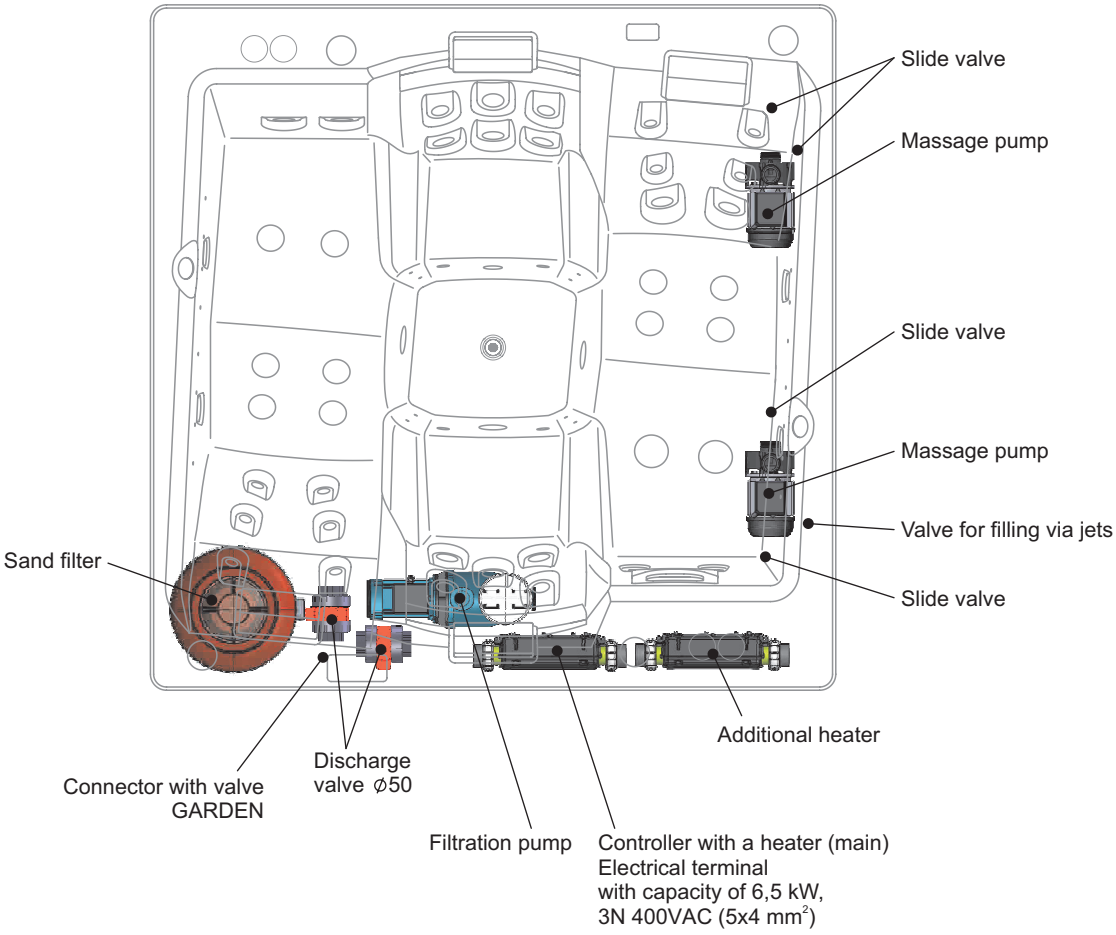
Bathtubs, as I protection class devices, need to be connected permanently to the electrical system (type TN-S) via a hermetic box with IP class X5. It is recommended to install the terminal box in area I (above the bathtub) neat other bathtub electrical devices (over 20 cm above the floor).

Connecting the bathtub using a plug is unacceptable.

Area 0 is the area belonging to the surface of the Genesis SPA bathtub.
Area 1 is an area delimited by Area 0 and reaches the height of 2.25 m above the floor. Area 2 is an area reaching 0.6 m outside Area 1, up to the height of 2.25 m above the floor. Area 3 is an area reaching 2.4 m outside Area 2, up to the height of 2.25 m above the floor.



Layout of protective areas



Layout of Genesis SPA bathtub terminals

2.7. STARTUP TEST

After the bathtub installation, ensure it is clean. Then, fill it with water of temperature (40 ± 5)^{0}C to the level higher than the highest jet, which will make it possible for the system to work. Then, activate the system and maintain its operation for at least 10 min.
In case the pump is equipped with two-speed pumps (information included in the pump specification) start the first and second pump speed at least once during the test duration.
Moreover, without emptying the bathtub, disable the hydromassage system and after at least 10 minutes check all connections, pipes, connectors for possible leaks.

It is recommended to repeat the procedure above after each required regulation which is meant to ensure system integrity or after replacement of any bathtub's device or element.

2.8. SERVICE VALVES

In the Genesis SPA bathtub there are **5** slide valves that disconnect the water flow to the pump and the heater. Closed valves make it possible to inspect, repair or replace devices with a filled bathtub.

Before the first startup of the bathtub make sure that the valves are open.

2.9. ACRYLIC PRESERVATION

Use only mild detergents to clean the bathtub (not including acetone, abrasives or corrosive substances). The acrylic structure and its bad adhesion properties makes it easy to maintain cleanliness.
Mechanic damage (shallow scratches) of glossy acrylic can be easily fixed. In case of very minor scratches use a minimum amount of waxless car polish product. Deeper scratches or gouges can be removed first by using an abrasive paper with granularity 800, 1200, 2000 and then the product mentioned above. To maintain smoothness of the bathtub, polish it with circular motions and then use a wax-based car polish product (to achieve high gloss). Repairs can be made using a repair set available at dealers, but in such cases we **recommend using the services of authorised services of ROCA POOL-SPA company..**

Repair set for SPA bathtubs

TERMS OF GUARANTEE

1. The ROCA POOL-SPA Sp. z o.o. company with a registered office in Gliwice, ul. Wyczółkowskiego 20 grants a 24 month guarantee for the GENESIS SPA bathtub and provides a paid post-guarantee service. Caution - halogen bulbs are not covered by the guarantee.

2. The manufacturer grants a 7 year guarantee for maintenance of colour and gloss of the acrylic surface, provided the maintenance rules described in this operation manual are observed.

3. Installation of the GENESIS SPA bathtub is performed free of charge by an authorised service of ROCA POOL-SPA company. Caution: does not include leading the water supply, sewage and electrical terminals as well as base surface preparation.

4. The manufacturer's guarantee does not cover damage to the top edge of the bathtub related with strain caused by sunshine and not using a thermal cover.

5. Product defects or damage found during the guarantee period for which the user is not culpable will be corrected free of charge within 14 working days from the time the complaint was submitted. All repairs are carried out at the client's.

6. Found defects and damage should be reported to the product's supplier. If it is not possible, notify the ROCA POOL-SPA Service Department in writing

7. The client loses the right to a guarantee in cases of:
a. mechanical damage to the equipment,
b. mechanical damage of the bathtub surface
c. performing unauthorised repairs or modifications of the electronic control system,
d. locating the bathtub in a way that prevents ventilation and free access to all devices installed under the bathtub
e. installation of other devices on the bathtub basin and other devices
f. using incorrect bathtub cleaning products, non-compliant with the manual.
g. using water non-compliant with parameters included in the Ordinance of the Minister of Health and Social Welfare of 4th of May 1990 Journal of Laws no 35.

8. The guarantee is void then the supplier of the GENESIS SPA bathtub does not confirm the fact of the sales by a signature, a stamp and date of sales on the guarantee sheet at the end of the Polish part of this manual.

9. The guarantee is valid when the connection to the electrical network is made by a service authorised by ROCA POOL-SPA (this fact has to be confirmed at the Guarantee sheet.

10. The manufacturer does not refund costs related with the replacement of the damaged enclosure with glaze in situations when the need to perform the guarantee repair causes its justified damage.

11. The costs of verification of an unjustified complaint are covered by the client.

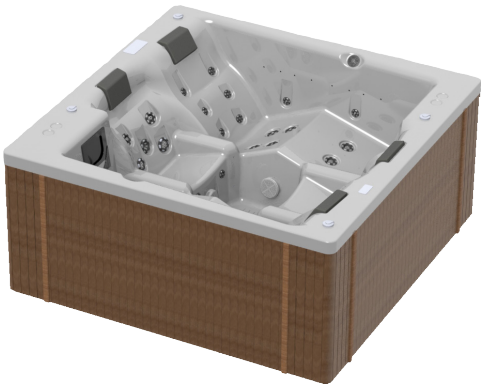
12. Guarantee for the sold consumption product does not exclude, limit or suspend the rights of the Buyer resulting from the non-compliance of the purchased product with the agreement.

13. Guarantee is valid in the Republic of Poland.

ROCA POOL-SPA Sp. z o.o.
ul. Wyczółkowskiego 20, 44-109 Gliwice
tel. + 48 91 38 777 00
www.poolspa.pl,

TECHNICAL PRODUCT SHEET

MODEL, FITTINGS	Genesis SPA
FACTORY NUMBER	
DATE OF PRODUCTION AND TESTING	
NOMINAL POWER REQUIREMENTS	
FUSING REQUIREMENTS	
VOLTAGE / FREQUENCY	
THERMAL PROTECTION	F
QUALITY CONTROL	



ROCA POOL-SPA Sp. z o.o.
ul. Wyczółkowskiego 20,
44-109 Gliwice
tel. + 48 91 38 777 00
www.poolspa.pl,

ROCA POOL-SPA company carries out a policy of constant development and reserves the right to introduce changes in the specification and colour of the product without prior notification. Nevertheless, ROCA POOL-SPA makes an effort so that the specifications are as up-to-date as possible as for the day the publication is prepared.

12.07.2017
PI3000327