USER MANUAL

SPA Pool



Thank you for your purchase.

Thank you again for choosing our product! We're delighted to have you as a customer. Before using it, please review the user manual carefully to ensure you fully understand how to get the most out of your product.

If you have questions not covered in the instructions, please contact our customer support team directly through the platform where you made your purchase. This ensures the fastest and most relevant assistance. We appreciate your understanding and thank you for your support!

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1.SAFETY INSTRUCTIONS

PLEASE READ CAREFULLY! When installing and using this electrical equipment, basic safety precautions should always be followed:

• The appliance should be supplied through a residual current device (RCD/GFCI type) with a rated tripping current not exceeding 30mA.

• Electric installations should fulfill the requirements of local standards. Earthed appliances must be permanent-ly connected to fixed wiring.

• If the electrical supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard. Any damaged electrical cables should be replaced by a competent party immediately before further use.

• Do not use an extension cord to connect the spa to the electrical supply, as there may be a risk of the cable overheating or defective extension cables causing electric shock.

• RISK OF ELECTRIC SHOCK. Never operate any external/additional electrical appliances when in the spa or when your body is wet. Never place any electric appliance, such as a light, telephone, radio or television within 1.5m / 5ft of the spa.

• RISK OF ACCIDENTAL DROWNING. Extreme caution must be exercised to prevent unauthorised access by children. To avoid accidents, ensure that children cannot use this spa unless they are supervised at all times.

• For health and safety reasons, we do not recommend any child under the age of 8 years use our hot tubs. If a child older than 8 years is using the hot tub, then we recommend that the temperature be set no higher than 37°C / 98.6°F. At no time should any child be left unsupervised in the hot tub, and when not in use, the cover should be secured in place, this will not only help to retain the heat in the water but it will also ensure that no unsupervised child can access the hot tub.

• Water attracts children. Always put the cover on the spa after each use.

• The top cover is not a safety cover, and is not a substitute for responsible adult supervision; children must be supervised around the spa at all times.

• It is recommended that you shower before using your spa, as cosmetic products, lotions and other residues on the skin can quickly degrade water quality.

• Do not switch on if there is any possibility that the water in the spa or control system is frozen.

• To avoid risk of accidental damage, pets should be kept away from your spa at all times.

• The use of alcohol, drugs or medication before or during use of your spa may lead to unconsciousness with the possibility of drowning.

• People who have a history of heart disease, low or high blood pressure, circulatory system problems or diabetes should consult a doctor before using spa.

• People using medication should consult their doctor before using the spa, as some medications may cause drowsiness, whilst other medication may affect heart rate, blood pressure and circulation during use.

• The water in a spa should never exceed 40°C (104°F). Typical operating temperatures are between 34-38°C (93-100°F), which are considered safe for a healthy adult. Lower water temperatures are recommended for younger children, and when use exceeds 10 continuous minutes.

• We do not advise using the spa during pregnancy; soaking in hot water may cause damage to the unborn feotus.

• The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37°C (98.6°F). The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness and fainting. The effects of hyperthermia include failure to perceive heat, a failure to recognise the need to exit the spa, an unawareness of impending hazards, feotal damage in pregnant women, a physical inability to exit the spa and unconsciousness resulting in the danger of drowning.

• Immediately leave the spa if you feel uncomfortable or sleepy.

• Do not turn the spa on when it is empty as this could cause irreparable damage to the pump system which would nullify any warranty period.

• The spa should not be setup or left outside for long periods in temperatures lower than 5°C (41°F) as this could cause irreparable damage which could nullify any warranty period.

• Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in a hazardous chemical spray.

• In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

• WARNING: An adequate drainage system has to be provided to deal with overflow of water.

• IMPORTANT: Because of the combined weight of the spa, water and users, it is extremely important that the base where the spa is installed is smooth, flat, level and capable of uniformly supporting this weight for the entire time the spa is installed (approximately 1300kgs / 2866lb for a 6 Person Square Wave Spa plus the combined weight of the occupants). If the spa is placed on a surface which does not meet these requirements, any damage caused by improper support will void the warranty. It is the total responsibility of the spa owner to assure the integrity of the site at all times.

2.PRODUCT PARTS



ALUMINIUM PANEL-FRONT PANEL



ALUMINIUM PANEL-SIDE PANEL*3



INSULATING FLOOR FOAMS*2



CORNER COLUMN*4



PLASTIC FRAME*4



PLASTIC CORNERS-CUP HOLDER*2



PLASTIC CORNERS-PANEL HOLDER*2



CORNER CONNECTOR*4



M-TYPE CONNECTOR*8



ALLEN KEY*2



LONG SCREWS*8



SHORT SCREWS*4



SPACER*4



SELF-TAPPING SCREWS*16



SCREWDRIVER



ADSORPTION LAMP&CONTROLLER
(Battery is not included)



FILTER CARTRIDGE*4



FILTER CARTRIDGE COVER*2



DRAINAGE PLUG



GARDEN HOSE CONNECTOR



HEATING PUMP&CONTROL PANEL
(The control Panel does not nclude batteries.)



PUMP&TUBE



PIPES CONNECTORS*3



HEADREST*4



INNER LINER



CLIP-TYPE INFLATABLE TOP LID

3.ASSEMBLY INSTRUCTIONS



1.Lay the insulating floor foam on a flat,level surface free of sharp objects.



2.Place the aluminium panel- front panel in position **(do not remove the foam board on its back)**, put a corner column on each side, then insert the panel into the corner columns for fixation.



3.Assemble the side panels following the same principle.



4.Lay the inner liner inside the frame. Align the inlet and oulet connector with the holes on the aluminium panel and foam panel.



5. Push the pipes through the aluminium frame. WARNING! Edges of the aluminium frame might be sharp, please handle with care.



6.Remove the top plastic frame.Ensure the liner is centred and use your thumbs to push the bead along the channel of the aluminium frame.



7.Place corner connectors on the surrounding corner columns. Secure the middle hole with spacers and short screws, and fix the holes on both sides with long screws.



8.Assemble the plastic frame by centering it and pushing firmly from top until it clicks in place. Ensure it's centred.



9.Push the M-type connector along the slot of the plastic frame and secure it with self-tapping screws.



10.Push the plastic corners in place.Ensuring the inner liner is tucked under and the top is flat.



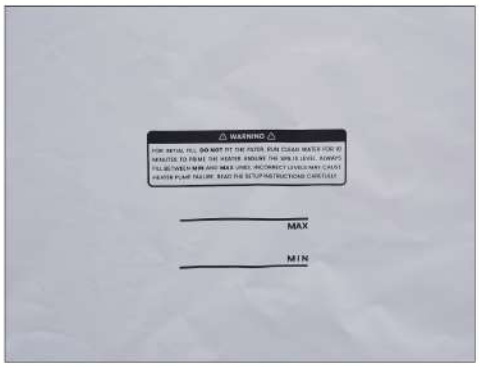
11.Attach the connectors to the external heater. DO NOT OVER TIGHTEN.



12.Slide the Filter Cartridge Cover over the Filter Cartridge, and install both cartridges into the two water inlets.



13.Rotate clockwise to install the adsorption lamp.



14.Fill the bathtub with water between the MAX and MIN water level lines.



15.Place the headrest on the plastic frame in the orientation shown in the figure.



16.Connect one end of the hose to the pump, and the other end to the inflatable top lid.(The cover will become firm after fully inflated.)



17.After inflation, rotate the valve clockwise and push it inward to lock the air; rotate the valve counterclockwise and pull it outward to release the air.



18.Remove the headrest and put on the bathtub cover. Set your desired temperature usirng the controls, then press the HEATER button to begin warming.

Heating time varies with ambient temperature-colder environments may require longer warm-up periods.



(Please prepare two AA batteries **by yourself**, unscrew the screws on the **back cover of the controller** and install the batteries.Ensure the main unit is powered **off** and the panel is **off**)
19.Briefly press the ◎ button - the display shows a steady double dash "- -" (two short dashes).



20.Press and hold the same button for 3 seconds to enter pairing mode-the dash "- -" will start flashing.



21.Power on the main unit,wait 3-5 seconds. If temperature/status is displayed, pairing is successful;If pairing fails, power off and restart the main unit, then try again.

⚠ IMPORTANT: To prevent the heater from over-heating always ensure enough water is running through the system by following these steps.

1. Ensure filter is not installed

2. Fill up with fresh and clean water between Min to Max water level

3. Press the 'Filter' button once, and let it run for 10 mins.

***Cover the spa with the lid to prevent debris entering the system.**

4.CONTROL PANEL (DISPLAY)



TEMP UP/DOWN

• Temperature set: After startup, press TEMP UP or TEMP DOWN to set the desired temperature (LED display reads will flash). Wait for 5 seconds without further operation, the temperature set is done. After desired temperature set, press the HEATER button to start heating.

Note: Temperature can be set from 68ºF(20ºC) to 104ºF (40ºC). The Default temperature is set at 100ºF/38ºC.

LOCK

The spa is designed with child lock function to prevent unauthorized operation, especially child misusing.

• If no more operation in 10 seconds, the control base will enter the LOCK mode. In this case all the other buttons will not work. Press the LOCK button to quit the LOCK mode before proceeding to any other operation.

• To enter the LOCK mode manually, just press the LOCK button.

HEATER

• Press this button to activate the heating system. The pump will heat the spa water until the water temperature reaches the set temperature. When the spa water temperature drops around 3.6ºF(2ºC) below the set temperature the heating system will restart.

• Use an outlet rated for 12A current.

• With the bathtub cover closed, heating from 25°C (77°F) to 40°C (104°F) typically takes 12 hours. The initial heating rate is slower, at approximately 1-1.2°C/h (1.8-2.2°F/h).

Note: If the heating system is activated, the filtration system will automatically start.

Note: After the heating system turned off automatically or manually, the filtration system will continue to work for 2 minutes (FILTER icon flashes).

WARNING: Never operate the heating system while the Spa is empty as this may damage the system.

WARNING: Never operate the heating system when the water frozen in the spa tub.

IMPORTANT: The following conditions will lead to slow water heating.

• The ambient temperature is lower than 50ºF(10ºC).

• Outdoor wind speed is above 3.5-5.4 m/s(8-12 mph).

• The air bubble function is activated when heating the spa water.

• The spa is not properly covered with the spa cover when the water is heating.

FILTER

Press this button to turn the filter pump on and off.

Note: If the heating system is activated, the filtration system will automatically start.

WARNING: Check if the filter cartridges are installed properly before starting filtration.

Note: After the heating system turned off automatically or manually, the filtration system will continue to work for 2 minutes.

Note: In HL mode press the FILTER button for 5 seconds to start forced filtration.

BUBBLE

Press this button to activate the air bubble system(The BUBBLE icon lights). The air bubble system is designed with a 20-minute auto shutoff feature. Wait for 10 minutes, after the 20 minute bubbling if you would like to restart the bubbling again.

CAUTION: Do not run Bubble system when the cover is attached, air can accumulate inside the spa and cause irreparable damage and bodily harm.

ALARM CODE - FC

When the filtering time reaches 120 hours on aggregate, the FC code flashes on the display panel. At this time, the filter pump will continue to work, but the filter cartridge need to be replaced immediately (unplug from the power supply)

In the FC alarm state, except for the FILTER button, otheers are all unavailable.

Change the filter cartridge, power on then press the FILTER button to clear the FC alarm. The filter using time will start calculating again,

HL °F °C ALARM CODE - HL

When the water temperature exceeds 113°F (45°C), the HL code flashes, the buzzer beeps intermittently, and all functions automatically deactivate. During the HL alarm state, all buttons except FILTER will not function.

Press and hold the FILTER button for 5 seconds to start a forced 30-second filtration cycle.

Please wait while the water circulates. The flashing "HL" will change to show the steady temperature reading.

Before turning on the heater:

Clean or replace the filter cartridge and the white mesh cover inside the water tank.

Also clean the white filter screen at the water inlet of the heating pump. You'll find this screen on the end of the second connecting tube (the end connected to the heating pump).

FP °F °C ALARM CODE - FP

It means the control base entered the Freeze Protection (FP) mode.

How to enter the FP mode: Set the temperature to 68°F press thhe TEMP DOWN button one more time to enter the freeze protection mode(FP mode). In the FP mode, all the other icons are unaavailable except the LOCK, TEMP UP and TEMP DOWN. And the waterwill
be heated to keep the temperature between 41°F(5°C) and 50°F(10°C)

How to quit FP mode: Press the TEMP UP button until the LED screen reads 68°F(20°C).

Note: The FP function works when the water temperature goeSi below 41°F(5°C) but over 32°F (0°C).

WARNING: DO NOT use the spa when the ambient temperature is 39.2°F(4°C) or below. The water temperature might drops below 32°F(0°C), in which case the internal pipes of the control box will freeze

SL °F °C ALARM CODE - SL

The low temperature alarm "SL" flashes when:

1. The water temperature goes 32°F(0°C) and 41°F(5°C), ambienht temperature is over 39.2°F(4°C), but the FP mode is not set in advance.
2. The water temperature drops below 32°F(0°C), even with FEP mode set in advance.

How to clear the SL alarm:

1.If the ambient temperature is over 39.2°F(4°C), wait until the water temperature goes above 41°F(5°C), or add certain amount of hot water to rise the water temperature over 41°F(5°C) before starting heating.

2. If the ambient temperature is below 39.29F(4°C), turn off the control base, drain, clean, disassemble and properly store thespa set and related components indoors.

WARNING: DO NOT use the spa when the ambient temperature is 50°F(10°C) or below. The water temperature might drops below 32ºF(0ºC), in which case the internal pipes of the control box will freeze.

5.WATER TREATMENT

It is recommended to take a shower before using the spa, aas cosmetic products, lotions, and other residues on the skincan quickly degrade water quality. The spa owner must regularly check and keep the spa water sanitized with scheduled maintenance(daily if necessary).
Adding sanitizer and other chemical to control bacteria andviruses present in the spa water as necessary.

Water Chemistry Balance

Maintain the spa water **PH** level between 7.2 and 7.8, totalalkalinity level between 80 and 120 ppm and free chlorine level between 2 to 4 ppm. Use the **PH** Test Strips to test the spa vvater chemistry before each use of the spa and continue to test the water no less than once a week. Low **PH** will damage the spa tub and pump. Damage resulting fropm chemical imbalance is not our responsibility..

Adjusting the Chemical Level:

DO NOT use granulate tablet or throw the tablet directly irthe water,the chemical will deposit on the bottom and damage the matoerial and discolored the **PVC**.

IMPORTANT: Always follow the chemical manufactureer s directions. Press the **BUBBLE** button on the spa control panel to turn on the bubble air blower and help dissolve the chemical into the water.
Never mix chemicals together. Add the chemicals to the spa.