



## Eco Foam Spa User Manual

### Revolutionise your relaxation

Read carefully and  
keep for future  
reference



Scan your QR  
code to download  
the Instruction  
Manual

Instruction Manual is suitable for  
Wave Foam Spas Models: **Garda, Tahoe  
and Como**

Visit [www.waveglobal.com](http://www.waveglobal.com)  
to see our full range.

# CUSTOMER SERVICE

## RETURNS

Thinking of making a return? We're here to help.

Whether you've changed your mind or have an issue with a faulty or damaged item, the first step is to contact our support team.



- **For Change of Mind:** You have 14 days from the day after delivery to notify us.
- **For Faulty/Damaged Items:** Please contact us as soon as you discover an issue.

To start a return and receive instructions, please email us at [support@wavespas.com](mailto:support@wavespas.com)

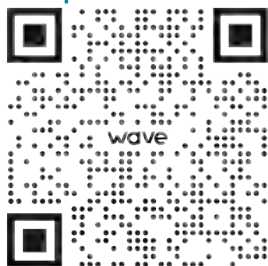
To better process your request, please provide as much information as possible, including photo and video evidence.

## WARRANTY CLAIMS

2025 Wave Spas come with a 2 year warranty on the control unit and a one year warranty on the cover and liner. In the unlikely event that you do have issues with your Wave Spa, we will try to help you with troubleshooting in the first instance followed by repairs. If we are unsuccessful, we will move to replacing any damaged parts or the whole spa.

Scan the QR code for access to our complete library of installation videos and helpful guides to assist you every step of the way as you set up your Wave Spa.

### Setup Video



### Instruction Manual



### Wave Spa APP



### APP Pairing Instruction



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- A responsible adult should always be present whenever the spa is in use.

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# SAFETY INSTRUCTIONS



**READ AND FOLLOW ALL SAFETY INFORMATION AND INSTRUCTIONS. KEEP FOR FUTURE REFERENCE. FAILURE TO FOLLOW THESE WARNINGS AND INSTRUCTIONS CAN RESULT IN SERIOUS INJURY OR DEATH TO USERS, ESPECIALLY CHILDREN.**



## **WARNING!**

DO NOT USE EXTENSION CORDS - Extension cords can cause a voltage drop, which can lead to overheating of the spa's integrated heater and other components, potentially damaging them, this will void the warranty on your spa. Using an extension cord could compromise your safety.



## **IMPORTANT!**

ALLOW 15 MINUTES AFTER TURNING OFF THE HEATING FUNCTION BEFORE DISCONNECTING THE PLUG FROM THE MAINS. UNPLUGGING FROM THE MAINS WHILE THE HEATER IS STILL WORKING WILL CAUSE AN HL ERROR CODE.



## **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 fulfil the requirements of local standards. Earthed appliances must be permanently 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 by an adult at all times. A responsible adult should always be present whenever the spa is in use.**
- 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 fetus.
- 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, fetal 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.
- Do not install the pool on a slope or inclined surfaces, on soft or loose soil conditions (such as sand or mud), or on an elevated surface such as a deck, platform or balcony, which may collapse under the weight of the filled pool.

**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.

#### **IMPORTANT WARNING - NON-SWIMMERS SAFETY**

- Always keep a close eye on children and weak swimmers when they're near or in the spa. Kids under 5 are especially at risk — never leave them unsupervised.
- Non-swimmers and weak swimmers should use flotation or safety equipment when using the spa.
- When the spa isn't being used, make sure to remove toys and floatables from the spa and surrounding area — these can attract children back to the water.
- Always secure the spa with a proper cover or safety device when not in use. Make sure nearby doors and windows are locked if they give access to the spa area.
- Remember: barriers, covers, and alarms are helpful, but they are not a replacement for adult supervision.
- Have a working phone close at hand, along with a list of emergency numbers.
- Never dive into the spa — it's too shallow and could cause serious injury.
- Remove any covers completely before entering the water to avoid entrapment risks.
- Keep all spa chemicals safely stored and out of reach of children.
- Assign an adult to be responsible for watching children in the pool. Give this person a "water watcher" tag and ask that they wear it the entire time they are in charge of supervising children in the pool. If they need to leave for any reason, ask this person to pass the "water watcher" tag and the supervision responsibility to another adult.

**IMPORTANT:** Pool presents a drowning hazard even during filling and draining of the pool. Maintain constant supervision of children and do not remove any safety barriers until the pool is completely empty and stowed away.

**PREVENT YOUNG CHILDREN FROM DROWNING:**

- Install fencing or approved barrier around all sides of pool.
- State or local laws or codes may require fencing or other approved barriers.
- Check state or local laws and codes before setting up pool.
- Drowning occurs silently and quickly. Assign an adult to supervise pool and wear provided water watcher tag.
- Keep children in your direct sight when they are in or near pool and when you are filling and emptying pool.
- When searching for a missing child, check pool first, even if you think your child is in the house.

**PREVENT YOUNG CHILDREN FROM GAINING ACCESS TO POOL:**

- Remove pool ladders before leaving pool. Toddlers can climb ladder and get into pool.
- Position furniture away from pool so that children cannot climb and gain access to pool.
- When leaving pool, remove floats and toys from pool that might attract a child.

**BE PREPARED TO RESPOND TO AN EMERGENCY:**

- Keep a working phone and list of emergency numbers near pool.
- Become certified in cardiopulmonary resuscitation (CPR) so you can respond to an emergency.

**ELECTROCUTION RISK:**

- Keep all electrical lines, radios, speakers, and other electrical devices away from pool.
- Do not place pool near or under overhead electrical lines.

**Distributor:** Wave Direct Ltd, Bakers Yard, Newcastle Upon Tyne, NE3 1XD England

**Contact:** +1 945 221 9575

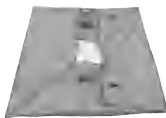



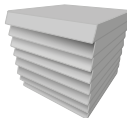


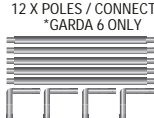








**Product Model:** COM6S2BLDUS-CH



# PARTS CHECKLIST

Please check all parts are present in your box before first use.  
To order new or missing parts please visit [wavespas.com](http://wavespas.com)

Your SPA is compatible with LED lighting, LED LIGHTS ARE NOT INCLUDED IN THIS BOX. LED lights are purchased separately. Visit our website to see recommended brands.

OUTER LINER 	INNER LINER WITH DUAL INLET PIPE 	HEATER 	RCD WITH PLUG  US GFI UK RCD
8 X FOAM PANELS 	INFLATABLE LID 	CLIP-ON TOP COVER 	8 X POLES / CONNECTORS *GARDA 4 ONLY 12 X POLES / CONNECTORS *GARDA 6 ONLY 
WRENCH 	DRAINAGE PLUG 	2 X HAIR STOPPER 	GARDEN HOSE CONNECTOR 
INFLATION HOSE 	REPAIR PATCHES 	2 X FILTER CARTRIDGE 	2 X FILTER PROTECTOR COVER 
OUTLET CONNECTOR 	2 X INLET CONNECTOR 	INSULATING FOAM BASE 	WIFI REMOTE CONTROLLER 

Inner Liner allows LED lights installation.  
LED lights are not included in this box.  
LED lights must be purchased separately.

# PRODUCT SPECIFICATION

PRODUCT SPECIFICATION	TAHOE 4 CIRCULAR	TAHOE 6 CIRCULAR	COMO 6 OCTAGONAL	GARDA 4 SQUARE	GARDA 6 SQUARE
Capacity	2-4 People	4-6 People	4-6 People	2-4 People	4-6 People
Water Capacity (approx.)	650L / 171GAL	985L / 260GAL	1100L / 290GAL	825L / 218GAL	1100L / 290GAL
Actual Water Flow (approx.)	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H
External Dimensions (approx.)	Φ156 x 70cm / Φ61 x 27.5inch	Φ184 x 70cm / Φ72 x 27.5inch	195 x 195 x 70cm / 77 x 77 x 27.5inch	160 x 160 x 70cm / 63 x 63 x 27.5inch	180 x 180 x 70cm / 71 x 71 x 27.5inch
Internal Dimensions (approx.)	Φ132 x 70cm / Φ61 x 27.5inch	Φ160 x 70cm / Φ72 x 27.5inch	171 x 171 x 70cm / 67 x 67 x 27.5inch	130 x 130 x 70cm / 51 x 51 x 27.5inch	150 x 150 x 70cm / 59 x 59 x 27.5inch
Product Weight (approx.)	29.5kgs / 65lbs	36.2kgs / 80lbs	38.5kgs / 85lbs	50kgs / 110lbs	59kgs / 130lbs
Filled Weight (approx.)	680kgs / 1500lbs	1021kgs / 2250lbs	1024kgs / 2258lbs	875kgs / 1930lbs	1159kgs / 2555lbs
No. of Bubble Jets	70	90	90	70	90
<b>Pump Voltage</b>	UK & EU: 220-240V 50Hz 12A US & CA: 120V-60Hz 12A	UK & EU: 220-240V 50Hz 12A US & CA: 120V-60Hz 12A	UK & EU: 220-240V 50Hz 12A US & CA: 120V-60Hz 12A	UK & EU: 220-240V 50Hz 12A US & CA: 120V-60Hz 12A	UK & EU: 220-240V 50Hz 12A US & CA: 120V-60Hz 12A
Max. Temperature	40°C / 104°F	40°C / 104°F	40°C / 104°F	40°C / 104°F	40°C / 104°F
Rated Power Input for Heating	UK & EU: 1800W US & CA: 1350W	UK & EU: 1800W US & CA: 1350W	UK & EU: 1800W US & CA: 1350W	UK & EU: 1800W US & CA: 1350W	UK & EU: 1800W US & CA: 1350W
Rated Power Input for Bubbling	600W	600W	600W	600W	600W



# HEATING GUIDE

Heating the water in your spa will usually take between 1-1.5°C / 2-3°F per hour, however this depends on starting water temperature and ambient temperature. The table below gives a guide to the approximate time required to heat the spa to 40°C / 104°F in different conditions.

AMBIENT TEMP.	WATER TEMP.	SET TEMP.	HEATING TIME
10°C / 50°F	10°C / 50°F	40°C / 104°F	23 Hours
15°C / 59°F	15°C / 59°F	40°C / 104°F	18 Hours
20°C / 68°F	20°C / 68°F	40°C / 104°F	14 Hours
25°C / 77°F	25°C / 77°F	40°C / 104°F	11 Hours
30°C / 86°F	30°C / 86°F	40°C / 104°F	8 Hours

To help ensure the spa is performing at its best:

- Confirm the spa lid is always used between sessions to reduce heat loss.
- Make sure both filters are installed properly, and that there's no debris or blockage that could restrict water flow.
- Try removing the filter sock temporarily, as this can help maximise flow to the heating element and ensure the thermostat reads the correct water temperature.
- If you live in an area with fluctuating temperatures, a thermal cover (CEC certified) may help reduce heat escape and maintain consistent temperatures overnight.

Scan this QR Code to see our EnergySave Thermal Hot Tub Covers

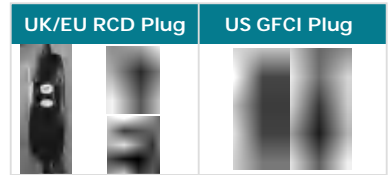
US

UK

# INSTALLATION GUIDANCE

**Before Each Use** the RCD plug for UK and EU or GFCI plug for US should be tested following the steps below. The RCD plug is a trip switch and a key electrical safety feature of your Wave Spa; it should be tested before each use.

1. Insert the plug into the power outlet.
2. Press the <<ON / RESET>> button. The indicator light turns red.
3. Press the <<OFF / TEST>> button. The indicator light turns off.
4. Press the <<ON / RESET>> button again. If the indicator light turns red, the RCD is working properly.



If your RCD plug does not behave in this way, switch off the spa and contact Wave's Customer Services team.

## SPA SET UP AND INSTALLATION

- The floor must be able to withstand the combined weight of the Wave Spa and occupants.
- The floor should be a non-slip, level surface.

Important: If the surface is uneven or inclined, it may cause the heater to malfunction due to the uneven load, and may cause a lack of pressure.

## INDOOR INSTALLATION

- A suitable drainage solution is essential when installing your Wave Spa indoors.
- Please carefully consider the placement of your spa before installation.
- Do not install the Wave Spa on carpet or other material that can be damaged by water.

## OUTDOOR INSTALLATION

- No matter where you install your Wave Spa, it is important you have a solid support foundation.
- If you are installing the Wave Spa outdoors, ensure there are no sharp objects that could damage it and that the location is level so the Wave Spa sits properly.
- During filling, emptying, or when in use, water may spill out of your Wave Spa. You should install it near to a drainage point that is able to accept the total volume of water.
- Do not position your spa in direct sunlight for long periods of time as this may affect the strength of the welds.

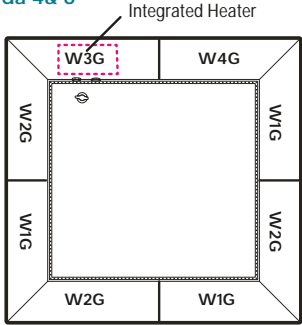
## WINTER ADVICE

- When setting up your spa during the winter or cold periods, follow this advice to prevent damage to the materials and extend the life of your product.
- If the ambient temperature is below 10°C (50°F), we suggest keeping the package indoors, where the temperature is above 15°C (59°F) for at least 2 hours before unpacking. • This will make the spa liner more flexible and easier to set up.
- When filling your spa, the water temperature used to fill the spa must be above 5°C (41°F), otherwise the controller may display an error code.
- Your Wave Spa comes with Freeze Protect technology to prevent water freezing inside the system. It is possible to set the controls so that, if the temperature falls below 5°C (41°F), the heater will automatically come on. See instructions in Operating your Wave Spa section.
- In the event of a long-term absence from home when there is a risk of temperatures falling below 5°C (41°F), we strongly suggest emptying and disassembling the spa, and storing it following the storage advice.
- It is very important to provide warnings to occasional users of the spa to make sure users are aware of measures to reduce the potential risks. A safety sign should be permanently installed where visible to the users of the spa.
- Download a copy of the safety sign using this link: [www.wavespas.com/pages/safetysign](http://www.wavespas.com/pages/safetysign).
- Fix it to a place near the spa where users can read it clearly.

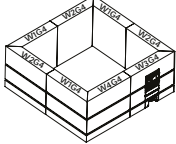
# FOAM PANELS SET UP GUIDE

Each foam panel is labelled with a number that corresponds to the diagrams below. Please use this as reference when assembling the foam walls to ensure the panels are placed in the correct order.

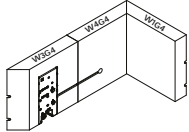
Garda 4 & 6



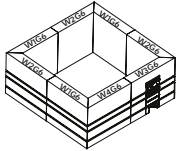
Garda 4



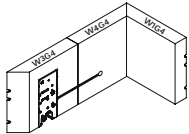
Garda 4 - Dual Inlet



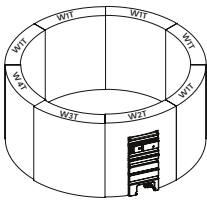
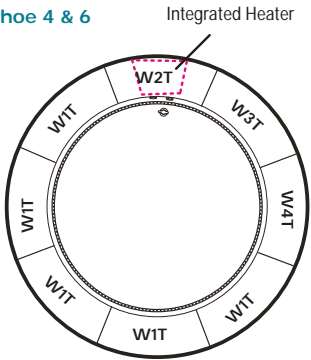
Garda 6



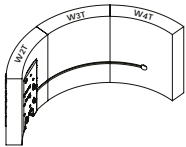
Garda 6 - Dual Inlet



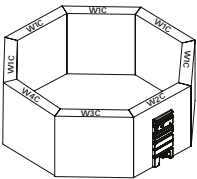
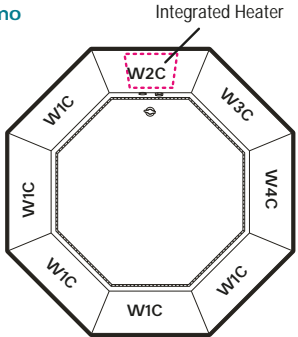
Tahoe 4 & 6



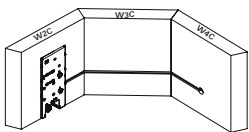
Tahoe - Dual Inlet



Como



Como - Dual Inlet



# SETTING UP YOUR WAVE SPA

Ensure the spa is installed on a flat, even surface. A common cause of heating problems is that the spa is not leveled.

Unpack the spa in a warm environment to help keep the liner flexible. Lay out the outer liner on a flat, even surface, ensuring it is clear of any sharp objects. We recommend using a Wave Insulating foam mat for protection.



1. Lay out the outer liner and unfold the sides. Get your foam panels ready by referring to the foam panel diagram (foam panel setup guide) for positioning guidance.



2. Use the foam panels to build the structure of your spa. Follow the diagram. Position the panel with the cutout behind the warning panel. Place the floor insulation foam base inside the panels at the bottom inside the liner. (See image)



3. Once the structure is built, lay the inner liner with the heater inside the structure. Disconnect the pre-attached controller. Loosen two foam panels, these will allow you to insert the heater to the cutout easily.



4. [GARDA only] Lower the outer liner to add the frame. Ensure the channels for poles are facing outwards. Follow the diagram on page 8, to ensure the panels are on the right orientation.



5. [GARDA only] As you build the foam structure, leave the two panels opposite the heater to last; they can be pushed into place after fitting the support frame.



6. [GARDA only] Construct the support frame, starting with the lower poles. Each straight pole should be fitted to a corner connector and clicked into position. Once the structure is finished, pull the outer liner up.



7. Two panels (Garda) / Three panels (Tahoe & Como) have a groove cut into the inside-facing surface, where the dual inlet hose will be fitted. Ensure these panels are positioned to the right of the heater cut-out when viewed from inside the spa.



8. Before fitting the heater, ensure the heater power cable pull through the opening at the bottom of the liner below the warning label. The drainage pipe from the inner liner should also be fed through this opening.



9. The heater can now be fitted snugly into the cut-out in the foam panel. Ensure the controller cable goes through the hole inside the pocket.



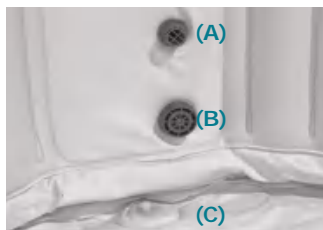
10. [GARDA only] The support frame should sit neatly into the grooves in the heater casing.



11. Now pull up the sides of the inner liner, so that the black top rim sits neatly on top of the foam wall, and the zip ends are aligned as closely as possible to avoid stress on the zip.



12. Connect the zipper (starting above the heater) and slowly work around the spa to zip the outer and inner liners together.



13. Inside the spa, you can find the Outlet Connector (A)  
Inlet Connector (B)  
Drainage Plug (C).



14. Smooth out any creases or loose material of the inner liner in the bottom of the spa, to avoid trapping air under the floor when filling.



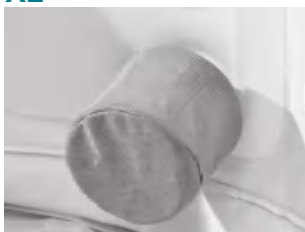
15. The controller can be reconnected to the cable (please take care when aligning the pins). The sleeve covering the connector must be tightly screwed to ensure it is waterproof.

## X2



16. Screw the 2 Filters Cartridges onto the Inlet Connectors (B), turning clockwise until hand tight.  
**Ensure both filters are installed.**

## X2



17. Add the 2 Filter Protector Covers onto the Filter Cartridge.  
Press the 'Heater' button to start heating up the water. Enjoy your relaxation!

## FILLING YOUR WAVE SPA

1. Before filling your Wave Spa, make sure the power cable is pulled outside and away from the spa and NOT connected to the power supply.
2. Check that the drainage plug located at the bottom of the spa is inserted correctly and is watertight to prevent leakage when filling up your spa with water.
3. Your spa is now ready to be filled with water. Fill with a suitable hose to the water level as indicated. Do not overfill as the water level will rise further when people enter the spa.
4. When filling your spa, the water temperature used should be between 5°C (41°F) and 30°C (86°F) to ensure correct operation. **Water that is too hot or cold will trigger an error message.**
5. When the spa is filled to the correct level, use the controller to set the temperature and activate the heater. See next page for full operating instructions.

Do not use rainwater or surface water to fill the spa and do not use seawater or salt water. Salt can settle in the filter pump and heating element, and result in overloading and faster wear of both components.

**⚠ Warning:** Take care when filling (especially on first use). Water must reach minimum level line but must not exceed maximum level. Overfilling may cause pump failure and damage to the spa.

**⚠ 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.
4. Once its finished, insert the hair stopper into the Inlet Connector (B)

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



## SPA COVER

Inspect the cover for premature wear or deterioration. Your Wave Foam Spa comes with an inflatable cover designed to retain heat. When not using your Wave Spa, it is recommended that you use the inflatable cover to protect it. This will also ensure maximum running efficiency by keeping the heat in. To set up the cover:



1. Fit and lay flat the inflatable lid inside the cover, with the valve facing outwards.



2. Unscrew the cap underneath the heater (accessed through the opening below the warning panel), and attach the inflation hose, screwing the end connector until hand-tight. Attach the other end of the hose to the inflatable cover.



3. Press the Bubble button on the controller to inflate the cover. When inflated, press again to stop. Disconnect the hose from the cover and valve. Replace the cap underneath the heater.

Position the cover over the spa, and secure in place. Note: The clips used to attach the spa cover have a child-safe release feature. Press the central button at the same time as squeezing the sides to release the clip.


## ENERGY SAVING BUNDLES

- If you live in California, please visit the link below to see our CEC certified bundles.

<http://us.wavespas.com/collections/hot-tub-energysave-bundles>

- CEC certification is specifically for products sold in California, ensuring they meet minimum energy efficiency standards.
- Thermal Covers and Insulated Floor Mats are available for UK and Europe.

# OPERATING YOUR WAVE SPA

 **WARNING!** Do not operate the pump and heater system while the spa is empty, as this may damage the system.

 **IMPORTANT!**

ALLOW 15 MINUTES AFTER TURNING OFF THE HEATING FUNCTION BEFORE DISCONNECTING THE PLUG FROM THE MAINS. UNPLUGGING FROM THE MAINS WHILE THE HEATER IS STILL WORKING WILL CAUSE AN HL ERROR CODE

## USING THE FILTRATION SYSTEM

1. **Start the filter** – Press the **FILTER** button. The light will turn on and the pump will start.
2. **Stop the filter** – Press the **FILTER** button again. The light will turn off and the pump will stop.
3. **Filter change reminder** – After about **168 hours** of use, “**FC**” will appear on the display with a warning tone. At this point:  
The **FILTER** light stays on, but the pump stops.  
The heater will not work, and the **HEATER** light will be off.
4. **Reset after changing the filter** – Press the **FILTER** button again. This will:  
Remove the “**FC**” message and tone.  
Show the water temperature again.  
Return the spa to normal operation.

## USING THE HEATER

1. **Start heating** – Press the **HEATER** button. The light will turn on and the heating system will start. The filter system will also switch on automatically to circulate the water.
2. **Stop heating** – Press the **HEATER** button again. The light will go out and the heating system will stop.
3. **Automatic temperature control** –  
When the water reaches the set temperature, heating will stop, but the **HEATER** light will stay on.  
**The filter pump will keep running even when heating is off. DO NOT UNPLUG THE SPA WHILE THE FILTER PUMP IS STILL RUNNING AS THIS WILL DAMAGE THE HEATING UNIT.**  
If the water temperature drops below the set level, heating will restart automatically.

## SETTING THE TEMPERATURE

1. **Enter temperature mode** – Press the **HEATER** button. The display numbers will start flashing.
2. **Adjust temperature** – Use the **UP** or **DOWN** buttons to set your desired temperature (between **20°C / 68°F** and **40°C / 104°F**).
3. **Confirm setting** – Press the **HEATER** button again to save the new temperature.  
See safety instructions for recommended operating temperatures.

## FREEZE PROTECT

1. **Lower temperature** – Set the heater temperature to **20°C / 68°F**.
2. **Activate Freeze Protect** – Press the **DOWN** button once more until “**FP**” appears on the display.
3. **Automatic freeze prevention** – If the water temperature drops below **5°C / 41°F**, the heater will automatically switch on to prevent freezing inside the system.

## BUBBLE / INFLATE

1. **Start bubbles** – Press the **BUBBLE/INFLATE** button. The bubble jets will turn on and the light will illuminate.
  2. **Stop bubbles** – Press the button again to stop the bubble jets; the light will turn off.
  3. **Automatic shut-off** – The bubble jets will stop automatically after 20 minutes to prevent the internal pump from overheating.
  4. **Restart after shut-off** – Wait 10 minutes, then press the **BUBBLE/INFLATE** button again.
- \***Anytime control** – You can start or stop the bubbles at any time by pressing the button.
- \*Inflating the lid – Use the same button to inflate the inflatable lid.



## WIFI

For more information on downloading and using our App, go to [Wavespas.com/pages/app](https://Wavespas.com/pages/app) or scan the QR code below. Please note the device requires a **2.4GHz** connection.



## LOCK

To prevent the heater settings being altered by children, the lock feature can be used. Press the 'LOCK' button once to lock the controller. Press again to unlock the functions.

## WATER LEVEL

For best performance the water should be filled and maintained between the 'Min' and 'Max' fill lines as indicated on the inner wall of your Wave Spa.

## IMPORTANCE OF WATER TREATMENT

It is of great importance that you regularly monitor and appropriately treat the water in your Wave Spa to maximise your enjoyment from the hot tub and to extend its life. Importantly, you should know that hot tubs can harbour bacteria if not treated correctly and the most common form can lead to Legionnaires' disease. These risks can increase with the age of the user, but some people with the following traits are at higher risk including:

- People over 45 years of age
- Diabetes, lung and heart disease
- Smokers and heavy drinkers
- Anyone with an impaired immune system
- People suffering from chronic respiratory or kidney disease

## HOW DO PEOPLE CONTRACT LEGIONNAIRES' DISEASE?

People contract Legionnaires' disease by inhaling small droplets of water (called aerosols), which are suspended in the air and contain the bacteria. Certain conditions increase the risk of Legionella if:

- The water temperature in all or some parts of the system is between 20°C / 68°F to 45°C / 113°F, which is suitable for growth of the bacteria.
- It is possible for breathable water droplets to be created and water is stored and/or re-circulated.
- There are deposits that can support bacterial growth providing a source of nutrients for the organism e.g. rust, sludge, scale, organic matter and biofilms (from the body).

To keep your Wave Spa in pristine condition, always use the correct chemicals and regularly change your filters. You can order hot tub chemicals from any well-known retailer. Always use spa suitable products when cleaning areas around hot tubs, since household cleaners often contain phosphates which nurture algae growth or detergents which cause foam. You should also ensure the spa water is changed frequently especially when used often.

It is essential to keep your hot tub water hygienic and free of water-borne bacteria like Legionella, by treating it with the correct chemicals and regularly changing your filters, regardless of how long or how frequently you use your hot tub. Correct water treatment will ensure the safety of hot tub bathers, reduce how often you have to replace the water and also prolong the lifespan of your pump. To reduce foaming on the surface of the spa water, it is ideal to shower before entering the spa, this will help to remove any lotions or oils on the skin. For more detailed advice on how to use spa chemicals, refer to manufacturers' instructions.

## LOW pH

We recommend you maintain your water pH between 7.2 and 7.6, total alkalinity between 80 and 120 ppm and free chlorine between 3 to 5ppm. Low pH will cause damage to the Wave Spa and pump. Damage resulting from chemical imbalance is not covered by in your warranty. Purchase a test kit to test your water chemistry before each use of the Wave Spa and no less than once per week.

# CLEANING AND STORING YOUR WAVE SPA

## CLEANING YOUR WAVE SPA

Detergent residues and dissolved solids from bathing suits and chemicals will gradually accumulate in the spa's water. To clean your Wave Spa, use soap and water then rinse thoroughly. Please note: do not use hard brushes or abrasive cleaners.

## REPAIRING PUNCTURES IN YOUR WAVE SPA

If your Wave Spa liner is torn or punctured, use the repair patches provided. Completely dry the area to be repaired, apply a strong adhesive to the repair patch and then cover the damaged area (glue not included and should be purchased separately). Smooth the surface to remove any air bubbles. Leave to dry for 12 hours before using the Wave Spa.

## HOW TO EMPTY YOUR WAVE SPA

1. First, remove the RCD plug from the electrical mains.
2. Remove the screw cap from the water outlet (below the pump system of the Wave Spa) ensuring the Drainage Plug is still inserted to prevent unexpected draining.
3. Screw the hose onto the water outlet and direct the open end of the hose appropriately.
4. Remove the drainage plug from the outlet on the floor of the spa so the water can flow out.
5. When the Wave Spa is completely drained of water, you must operate the bubble function for 30 seconds to drain any remaining water from the pipeline.
6. When draining has finished, remove the hose and replace the drainage plug and water outlet cap.

## STORING YOUR WAVE SPA

Make sure all the water is completely drained from the Wave Spa and pump system. This is vital in extending the life of your Wave Spa. We recommend the use of a wet/dry vacuum to blow out or suck up water from the Wave Spa pipes and pump lines. Remove the filter cartridge. Allow the spa body to fully dry. Your spa should be stored in a dry place, ideally raised off the floor and away from any extreme temperatures. Please note: Plastic becomes brittle and susceptible to breakage when exposed to subzero temperatures and this can severely damage your Wave Spa. Leaving your Wave Spa outside and uncovered during the winter months will void your warranty.

## WATER FILTER CARTRIDGE & FILTER PROTECTION COVER

To maintain optimal performance, replace the filter cartridge according to your spa's frequency of use:

- **2–3 uses per week** – Replace the filter every week.
- **Occasional use** – Replace the filter before each use.

While filter cartridges can be rinsed under cold water, incorrect cleaning may reduce the efficiency of both the heat pump and the filtration system. For best results, replace the filter as advised above.

### • Replacement steps:

1. Remove the filter protection cover.
2. Remove the used filter cartridge.
3. Install a new filter cartridge.
4. Replace the filter protection cover over the cartridge and secure it to the filter connector by turning clockwise until hand-tight.

To help to keep your water clean, check your filter cartridge every day. To order more filters for your Wave Spa, please visit [wavespas.com](http://wavespas.com)

# TROUBLESHOOTING

Here are some helpful tips to help you diagnose and rectify some common problems:

PROBLEMS	POTENTIAL CAUSES	SOLUTIONS
Air jet system is not operating	<b>A1</b> Air pump too hot <b>A2</b> Air Pump in cooling mode <b>A3</b> Possible fault with hot tub motor	<b>A1</b> Unplug system. After air pump has cooled, insert plug and press air jets button to activate <b>A2</b> Wait for 10 minutes and restart
Heating system does not operate	<b>A1</b> Temperature not locked in <b>A2</b> Temperature is not set <b>A3</b> Dirty filter cartridge <b>A4</b> Improper water levels <b>A5</b> Heating element failure	<b>A1</b> Press temp button again to lock in new temp <b>A2</b> Set to a higher temperature (20-40°C) than current water temperature <b>A3</b> Clean/replace filter cartridge <b>A4</b> Add water to specified levels <b>A5</b> Ask a professional electrician to check household electrical supply is functioning correctly
Filtering system does not operate / Rattling noise when switching filter on	<b>A1</b> Dirty filter cartridge <b>A2</b> Filter screwed on too tight <b>A3</b> Possible fault with the hot tub motor.	<b>A1</b> Clean/replace filter cartridge <b>A2</b> Loosen the Filter slightly
Spa leakage	<b>A1</b> Inner liner is torn or punctured	<b>A1</b> Use the repair patch provided <b>A2</b> Tighten the air valve <b>A3</b> Clean the plug and push tightly into drain
Water is not clean	<b>A1</b> Insufficient filtering time <b>A2</b> Dirty filter cartridge <b>A3</b> Improper water maintenance <b>A4</b> Large particles/debris in water	<b>A1</b> Increase filtration time <b>A2</b> Clean/replace filter cartridge <b>A3</b> Refer to chemical manufacturer's instructions <b>A4</b> Remove from water, use suitable tools is needed
Display temperature is higher than 40°C / 104°F, after stopping heating function	<b>A1</b> Residual hot water in the element chamber can cause a higher temperature to show on the control panel <b>A2</b> Water inlet through filter system may be blocked <b>A3</b> HL code appears	<b>A1</b> Unplug from mains, wait 30 minutes. Temperature will start to reduce and return to normal <b>A2</b> Clean the inlet <b>A3</b> Try HL solutions

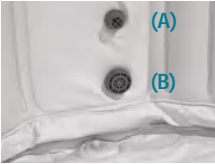
# REPLACING YOUR HEATER

## DISCONNECTING YOUR WAVE ECO-HEATER

There are up to FIVE places where your heater connects to the liner of the spa:

- 1) Water Inlet
- 2) Water Outlet
- 3) WiFi Controller
- 4) Air Pipe (inflatable/foam)
- 5) Dual Inlet Pipe

(1,2)



(3)



4) Air Pipe



5) Dual Inlet Pipe



## PREPARATION BEFORE REMOVE YOUR ECO-HEATER



1. Always disconnect the plug from the power source for safety



2. Ensure the drain plug is in place on the spa floor



3. Remove the cap from the drainage pipe located underneath the heater of the outside of the spa



4. Screw on the inflation hose to direct the water away from the spa. If you prefer to use a garden hose, attach the drainage adapter to the drainage pipe (included in your kit) and then connect your hose



5. You can now pull out the drainage plug from the spa floor allowing the water to flow out



6. Once the spa is fully drained, remove the hose and put the drainage cap back on.

Also, remember to put the drainage plug back on the spa floor

# REPLACING YOUR HEATER

## REMOVING YOUR ECO-HEATER



1. Use the provided wrench to unscrew the filter connectors inside the inner liner



2. Unscrew and disconnect the wired controller



3. Unzip the inner and outer liner to release the heater



4. Disconnect the Dual Inlet Connector pipe from the side of the heater using a screw driver



5. Underneath the heater you will find the Air Bubble Blower Connector. This should be hand-tight and easy to remove



6. Thread the controller lead and PRCD through the hole inside the controller pocket. Your spa heater is now disconnected from the liner



7. Remove the heater unit from within the foam cavity walls

# REPLACING YOUR HEATER

## REPLACE HEATER WITH A NEW UNIT



1. Carefully place the new heater within the foam cavity



2. Reconnect the Dual Inlet Connector pipe from the side of the heater using a screw driver



3. Thread the new lead and PRCD through the access hole at the bottom of the outer liner



4. Reconnect the Air Bubble Blower Connector by screwing the inner liner connector to the heater



5. Re-attach the Wired controller to the controller lead



6. Zip the inner and outer liner back together



7. Use the provided wrench to screw back the filter connectors inside the inner liner

## CONTROL PANEL ERROR CODES

CODE	CAUSE	SOLUTIONS
FC	When the filtration system has worked for approx. 150 hours, FC (Filter Change) code will appear to advise you to check the filter. The pump and heating buttons will be disabled.	Check the filter is clean and change if necessary. Press the 'Filter' button again. The FC error code will disappear, water temperature will be displayed, and all functions will return to normal.
SL	Blocked or dirty filter. Low ambient temperature: the pipe and heater are too cold to function correctly.	Check the filter is clean and change if necessary. Pour some warm water into the spa.
HL	A blockage in the system is preventing water circulation and causing a false high temperature reading.	Check the water flow from the filter outlet with your hand; if the flow rate is weak, non-existent or the heater is making a grinding sound: 1) Clean/replace the filter cartridge 2) Rinse the filter under a tap to clean If debris is drawn into the motor, the impeller may seize. Unplug at the mains, drain water and remove the filter, then check the outlet for obstructions. Hard water can cause limescale build-up. Turn off the spa at the mains, remove the filter, then use a garden hose to run clean water through the inlet and outlet to loosen limescale or other debris. Use a net to remove debris from the water.
SH	Water temperature sensor issue	Please contact Wave customer services.
FP	Freeze Protect mode has been activated.	To exit Freeze Protect (FP) mode, press the HEATER button followed by the UP button, until reaching 20°C / 68°F. The controller will return to its normal state. If the FP code still shows after carrying out the above, there may be a controller malfunction. Please contact Wave customer services.
PE	The heater has detected that the spa has been plugged into an extension cable or that the socket doesn't have the earth wires connected	Do not use an extension cord. Plug the spa into a mains power supply. If connected to a mains power supply and this error code is still showing, we suggest finding a technician to check the socket has been installed correctly.

# WARRANTY & RETURNS

If you purchased your Wave Spa directly from Wave, then your warranty will be automatically registered. If you purchased from a third party, please visit: [www.wavespas.com/pages/warranty](http://www.wavespas.com/pages/warranty) for information on how to register your warranty.

All Wave products are inspected before leaving the factory. We warrant this product against material defects and workmanship for a period of time (unless local law has a specific requirement) as follows:

- 2 years for the pump / heater
- 1 year for the spa liner

Warranty for the product begins on the day of receipt and we will require proof of purchase to validate this. During the warranty period, we will replace or repair any defective items. Any replacement or repaired products will be warranted for the remainder of the original period.

## SHIPPING COSTS

During the warranty period return and replacement costs will be the responsibility of Wave subject to warranty claim. Please note the return must be organized by Wave, Wave will not cover the costs of a customer arranged return. Should you run into an issue please contact Wave Customer Services to initiate the return. Any returns that were not pre-approved by Wave Customer Services, will be re-directed to you.

## WARRANTY POLICY

This limited warranty does not apply to any defect arising due to negligence, accident, misuse or any other reason beyond Wave's control included but not limited to: normal wear and tear, negligence or failure to follow the instructions in this booklet, improper or inadequate maintenance, connection to improper power supply, chemical damage, damage caused by loss of water, unauthorized modification or repair, use for commercial purpose, fire, lightning, flood or other external causes.

This warranty is only available in the country of purchase.

The warranty only applies to the original purchaser and is non-transferable.

Any repairs which are made by a non-Wave approved service center may invalidate this warranty.

Before making a claim, we may be able to answer your query to common questions, simply visit [wavespas.com/pages/customer-service](http://wavespas.com/pages/customer-service) for further information.

If the FAQs don't solve the issue and you need to make a claim, please visit our website under the warranty section for further instructions. Alternatively, please contact our dedicated Aftercare Team who will guide you through the process. A Wave Customer Service Agent will be required to follow a troubleshooting process in order to diagnose the issue and identify how to best assist you. Photographic evidence and video evidence of reported defects will be a requirement of any customer making a warranty claim or warranty related return request; our Aftercare team will guide you through this process.



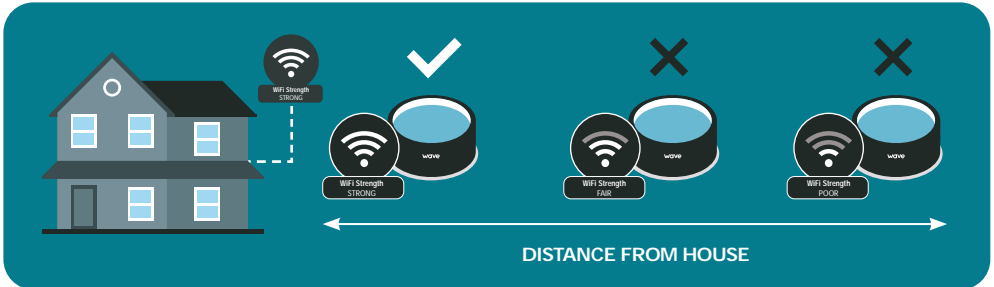
# WAVE SPA APP

## CONNECTING YOUR WAVE SPA APP

1. Check that your Wave Spa is in a location with strong WiFi coverage.
2. Download the Wave Spa App on your Smart device, from the AppStore or Google Play.
3. Register your account.
4. Follow on screen instructions regarding how to pair Wave Spa to your WiFi.
5. You are ready to go!



\*Internet access required.



## BEFORE CONNECTING YOUR SPA WITH WAVE SPA APP – FIND A STRONG WIFI SIGNAL

Please make sure your WiFi signal is strong and fully covers your garden. Please contact your internet provider for further assistance.

### Please Scan the QR code for APP pairing instructions.

Please make sure your WiFi has been set up to 2.4G channel before you go any further.



## WI-FI TROUBLESHOOT



Make sure the Wi-Fi signal is strong near the spa controller. You can test this using your phone next to the unit, and demonstrate you have strong WiFi connectivity.

Ensure your 2.4GHz network have different names (SSIDs). If you're using Android, try clearing the app's cache. Steps: Open Settings on your device. Tap on "Apps" or "Apps & notifications" (this may vary depending on your device).

Select the app you want to troubleshoot. Tap on "Storage" or "Storage & cache." Tap "Clear Cache." If the Android version isn't working, try pairing the spa using a different device. Please confirm that you're using the latest version of the app too.