



## Eco Foam Spa User Manual

**Important Safety Instructions  
Save These Instructions  
Read Carefully Before Operating**



Questions, problems, missing parts? Contact technical support department at [spas@scsources.zendesk.com](mailto:spas@scsources.zendesk.com).

Please include your model number, serial number located on the product itself and how we may help.

We are committed to continuously improving our products. As part of this process, product specifications and appearances may change, which could lead to updates in the instruction manual.

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## SAFETY INSTRUCTIONS

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**⚠ 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 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 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.
- **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 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.



# PARTS CHECKLIST

Please check all parts are present in your box before first use.

OUTER LINER



INNER LINER



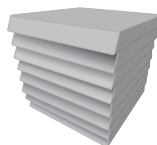
HEATER



RCD WITH PLUG



FOAM PANELS



CLIP-ON TOP COVER



POLES / CONNECTORS  
\*FJN5UL ONLY



GARDEN HOSE CONNECTOR



WRENCH



REPAIR PATCHES



2 X HAIR STOPPER



2 X FILTER PROTECTOR COVER



INFLATION HOSE



2 X INLET CONNECTOR



2 X FILTER CARTRIDGE



OUTLET CONNECTOR



INSULATING FOAM BASE



REMOTE CONTROLLER



# PRODUCT SPECIFICATION

PRODUCT SPECIFICATION	FJN5UL Cut Corner	YJN7UL Round	TJN2UL Oval
Capacity	5-6 People	5-7 People	1-2 People
Water Capacity (approx.)	190 Gallons	310 Gallons	120 Gallons
Actual Water Flow (approx.)	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H	1,325L/H / 350GAL/H
External Dimensions (approx.)	68.89 x 27.56 inch	84.25 x 27.56 inch	74.8 x 27.56 inch
Internal Dimensions (approx.)	57 x 27.56 inch	74.8 x 27.56 inch	62.99 x 33.46 inch
Product Weight (approx.)	119 lbs	113 lbs	80 lbs
Filled Weight (approx.)	1,300 lbs	2,600 lbs	1,100 lbs
No. of Bubble Jets	80	100	90
<b>Pump Voltage</b>	US: 120V-60Hz 12A	US: 120V-60Hz 12A	US: 120V-60Hz 12A
Max. Temperature	40°C / 104°F	40°C / 104°F	40°C / 104°F
Rated Power Input for Heating	US: 1350W	US: 1350W	US: 1350W
Rated Power Input for Bubbling	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°C 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

# INSTALLATION GUIDANCE

**BEFORE EACH USE** the RCD plug should be tested following the steps below. The RCD plug is a trip switch and a key electrical safety feature of your 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 's Customer Services team.

## SPA SET UP AND INSTALLATION

1. The floor must be able to withstand the combined weight of the Spa and occupants.
2. The floor should be a non-slip, level surface. IF THE SURFACE IS UNEVEN OR INCLINED, IT MAY CAUSE THE HEATER TO MALFUNCTION DUE TO THE UNEVEN LOAD, MAY CAUSE LACK OF PRESSURE.

### Indoor Installation

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

### Outdoor Installation

1. No matter where you install your Spa, it is important you have a solid support foundation. If you are installing the Spa outdoors, ensure there are no sharp objects that could damage it and that the location is level so the Spa sits properly.
2. During filling, emptying or when in use, water may spill out of your Spa. You should install it near to a drainage point that is able to accept the total volume of water.
3. 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.

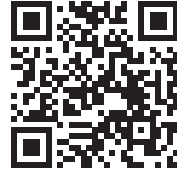
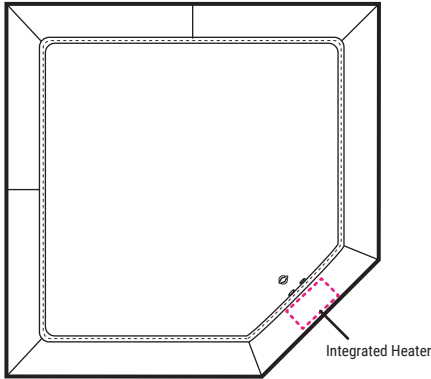
1. If the ambient temperature is below 10°C (50°F), we suggest keeping the package indoors, where the temperature is above 15°C(59°F) for at least 2 hours before unpacking. This will make the spa liner more flexible and easier to set up.
2. When filling your spa, the water temperature used to fill the spa must be above 5°C (41°F), otherwise the controller may display an error code.
3. Your 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 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 permanently installed where visible to the users of the spa.

# FOAM PANELS SET UP GUIDE

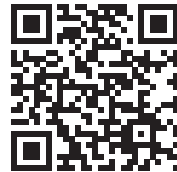
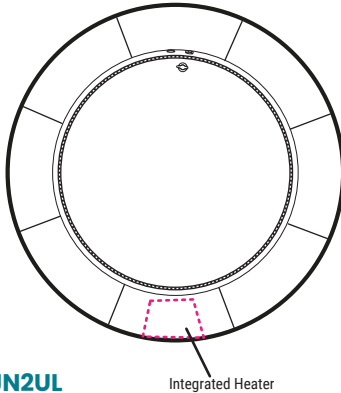
Please use this as reference when assembling the foam walls to ensure the panels are placed in the correct order.

## FJN5UL



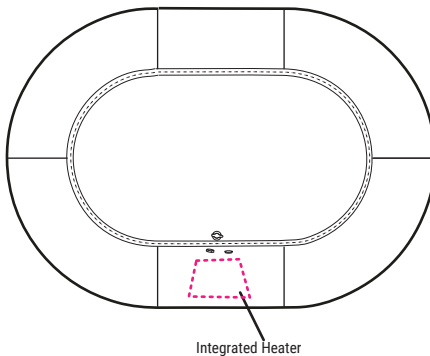
Scan the QR code with your smart phone for Setup Video

## YJN7UL



Scan the QR code with your smart phone for Setup Video

## TJN2UL



Scan the QR code with your smart phone for Setup Video

# SETTING UP YOUR SPA

**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 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 (Page 7) 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. [FJN5UL] 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. [FJN5UL] 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. [FJN5UL] 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. 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.



8. 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.



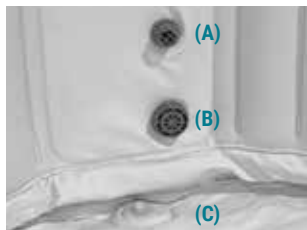
9. (FJN5UL only) The support frame should sit neatly into the grooves in the heater casing.



10. 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.



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



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



13. 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.



14. 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.



15. **⚠️ 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).



16. Screw the Filter Cartridge onto the Inlet Connector (B), turning clockwise until hand tight.



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

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

# FILLING YOUR SPA

1. Before filling your 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 page 12 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.**

## SPA COVER

Your Foam Spa comes with a cover designed to retain heat. When not using your Spa, it is recommended that you use the cover to protect it. This will also ensure maximum running efficiency by keeping the heat in. To set up the cover:

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.

# OPERATING YOUR SPA

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

## FILTRATION SYSTEM



FILTER



'FILTER  
CHANGE'

To use the filtration system, press the 'FILTER' button, a light will appear and the pump will start to work. Press the 'FILTER' button again once to stop the pump, the light will go out. As a reminder to change your filter, after approx. 168 hours, the letters 'FC' will appear on the display screen, accompanied by a warning tone. The light will still be lit on the 'FILTER' button, but the pump will not be operational. The heating system will also not work and the light will also be out on the 'HEATER' button. To make sure the filtration system is off, press the 'FILTER' button again. The letters 'FC' on the display screen will disappear as well as the warning tone. The water temperature will be displayed, and functions will return to their normal status. Please refer to Page 15.

## HEATER



HEATER

To start the heating system, press the 'HEATER' button once, a light will appear. Press the 'HEATER' button again once and the heating system will stop and the light will go out. When you turn the heating system on, the filter system will switch on to circulate water automatically. When the temperature reaches the pre-set temperature the heating system will stop, but the heating indicator light will remain lit. The filter pump will continue to operate even when the heater is not functioning. When the water falls below the pre-set temperature, the system will begin to automatically heat the water again.

## SETTING THE TEMPERATURE



UP



DOWN

To set the temperature, press the 'UP/DOWN' button and the numbers on the display screen will start to flash. You can increase and decrease the temperature by pressing the UP/DOWN buttons. When you have chosen your desired temperature, press the 'HEATER' button again to confirm. Temperatures can be set between the range of 20°C / 68°F to 40°C / 104°F. (See safety instructions for recommended operating temperatures).

## FREEZE PROTECT

To activate Freeze Protect, adjust the heater temperature down to 20°C / 68°F then click DOWN button once more until the controller display shows FP. This will then regulate the water temperature so that if it falls below 5°C (41°F) the heater will automatically come on to avoid water freezing inside the system.



LOCK

## 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.

## BUBBLE / INFLATE



BUBBLE

Press the 'BUBBLE/INFLATE' button and the bubble jets will start working - a light will also appear. Press again and the bubble jets will stop working and the light will go out. The bubble jets will stop automatically after working for 20 minutes. To reset, please wait for 10 minutes and then press the "BUBBLE" button again. The bubbles stop after 20 minutes to avoid over-heating of the internal pump, this is a safety measure.

bubbling function can be stopped or started at any point by pressing the bubble button. This button is also used to inflate the inflatable lid. (Refer to page 11)

# WATER MAINTENANCE

## 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 Spa.

## IMPORTANCE OF WATER TREATMENT

It is of great importance that you regularly monitor and appropriately treat the water in your 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 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 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 Spa and no less than once per week.

# CLEANING & STORING YOUR FOAM SPA

## CLEANING YOUR Foam SPA

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

## REPAIRING PUNCTURES IN YOUR Spa

If your 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. Smooth the surface to remove any air bubbles. Leave to dry for 12 hours before using the Spa.

## HOW TO EMPTY YOUR 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 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 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 Spa

Make sure all the water is completely drained from the Foam Spa and pump system. This is vital in extending the life of your Spa. We recommend the use of a wet/dry vacuum to blow out or suck up water from the 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 Spa. Leaving your Spa outside and uncovered during the winter months will void your warranty.

## CLEANING THE WATER FILTER CARTRIDGE & MESH FILTER

To maintain best performance, if using your spa 2-3 times per week, change your filter every week. If using less regularly, change your filter before each use.

1. Remove the filter protector cover and then remove the filter cartridge.
2. The filter cartridge can be rinsed periodically under a cold tap and reused. However, if the filter cartridge remains soiled and discoloured the filter cartridge should be replaced. If any holes are present in the paper filter or the paper in the cartridge is noticeably worn, replace the filter with a new one before further use. We do not recommend the use of pressurised water to clean filters.
3. Replace the filter protector cover over the filter cartridge and attach to the filter connector by turning it clockwise until hand tight.

To help to keep your water clean, check your filter cartridge every day.

# TROUBLESHOOTING

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

PROBLEMS	POTENTIAL CAUSES	SOLUTIONS
Bubble Jet system is not operating	<ul style="list-style-type: none"> <li>- Air pump is too hot</li> <li>- Something is wrong with the heater unit</li> <li>- Air Pump is in cooling mode</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug the system. After the air pump has cooled, plug again and press the bubble button to test</li> <li>- The Bubble Jet system can run for 20 minutes, it will stop automatically and cool down for 10 minutes before it can restart again</li> <li>- Contact customer services if it does not reset</li> </ul>
Heating system does not operate	<ul style="list-style-type: none"> <li>- Water is too hot/above sensor maximum</li> <li>- Temperature is set too low</li> <li>- Dirty filter cartridge</li> <li>- Improper water levels</li> <li>- Heating element failure</li> <li>- Controller failure</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug the spa and allow the water to cool</li> <li>- Disconnect your controller and ensure the pins are dry</li> <li>- Clean/replace the filter cartridge</li> <li>- Add water to the specified levels</li> <li>- Contact customer services for advice</li> <li>- Contact a qualified electrician</li> </ul>
Filtering system does not operate / Rattling noise when switching filter on	<ul style="list-style-type: none"> <li>- Dirty filter cartridge</li> <li>- Water level is too low</li> <li>- Something is wrong with the heater unit</li> <li>- Controller failure</li> </ul>	<ul style="list-style-type: none"> <li>- Clean/replace the filter cartridge</li> <li>- Top up the water</li> <li>- Contact customer services if it does not reset</li> <li>- See 16 on Page 10 to ensure enough water to run through the system</li> <li>- Remove the Filter cover</li> </ul>
Spa leakage	<ul style="list-style-type: none"> <li>- Inner liner is torn or punctured</li> <li>- Air valve cap is loose</li> <li>- Drain plug is loose</li> </ul>	<ul style="list-style-type: none"> <li>- Use the repair patch provided</li> <li>- Tighten the air valve</li> <li>- Clean the plug and push tightly into drain</li> </ul>
Water is not clean	<ul style="list-style-type: none"> <li>- Insufficient filtering time</li> <li>- Dirty filter cartridge</li> <li>- Improper water maintenance</li> </ul>	<ul style="list-style-type: none"> <li>- Increase filtration time</li> <li>- Clean/replace the filter cartridge</li> <li>- Refer to the chemical manufacturer's instructions</li> </ul>
Display temperature is higher than 40°C / 104°F, after stopping heating function	<ul style="list-style-type: none"> <li>- Residual water in the Spa will continue to be heated by residual temperature</li> <li>- Water inlet through the filter system may be blocked</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug from mains and wait. The temperature will start to reduce and return to normal</li> <li>- See 16 on Page 10 to ensure enough water to run through the system</li> <li>- Remove the Filter cover</li> </ul>

# 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.
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 customer services.

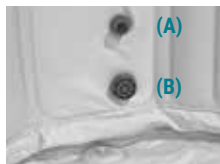
# REPLACING YOUR HEATER

## Disconnecting your Eco-Heater.

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

1. Outlet Connector (A) - If you have a Dual Inlet Spa there is an extra filter Inlet.
2. Inlet Connector (B)
3. Remote Controller
4. The Air Bubble connector

(1,2)



(3)



(4 Type 1 Jubilee Clamp)



(4 Type 2 Screw Cap)



## Preparation before remove your Eco-Heater



1. Always disconnect the plug from its 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

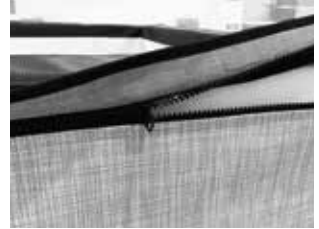
## Removing your Eco-Heater:



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

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## Replace heater with a new unit



1. Carefully place the new heater within the foam cavity



2. Disconnect 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

# WARRANTY & RETURNS

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The manufacturer warrants this product against defects in materials and workmanship on functional parts, for a period of 1 year from the original date of purchase. Your sales receipt showing the date of purchase of the product is your proof of purchase. Keep it in a safe place for future reference. This warranty is subject to personal use only, commercial or rental applications will not be covered.

This product is made with the highest quality materials and is warranted to be free from defects in materials and workmanship at the time of purchase. This limited warranty applies to products manufactured or distributed by the manufacturer, are delivered in the continental United States or Canada and extends to the original purchaser, or gift recipient. This warranty becomes valid at the time of purchase and terminates either by the specified time frame listed above and/or owner transfer. Any refunds or monetary compensations must be claimed through the place of purchase (retailer), and not through the manufacturer. Any extended warranties (warranties that cover above and beyond this manufacturer warranty) that are sold through a retailer or third party, are not directly correlated with this products' limited warranty, and may be redirected to said retailer or third party for coverage.

This warranty extends through the manufacturer of the product and covers functional parts only. Cosmetics are not covered, unless unequivocally determined it is a workmanship defect. Shipping damage should be addressed with the shipping company, retailer, or place of purchase, not the manufacturer unless the manufacturer was the direct shipper.

The manufacturer's sole obligation under this warranty shall be limited to furnishing the original purchaser replacement parts for units deemed repairable by the supplier's warranty department. The purchaser is responsible for ensuring any parts shipped or returned, if desired. The purchaser is responsible to prepay any shipping charges (both ways) including, but not limited to taxes and duties. All exchanged parts and products replaced under this warranty will become the property of manufacturer. The manufacturer reserves the right to change manufacturers of replacement parts or products for use, in order to cover any existing warranty.

The purchaser may be asked to provide the supplier with proof of purchase documents (including the date of purchase) if requested. Any evidence of alteration, erasing, or forgery of proof of purchase documents will be just cause to VOID this limited warranty. Products, in which the serial number has been defaced or removed are not eligible for warranty coverage.

This warranty does not apply if the unit has been subject to negligence, fabrication, misuse, abuse, or repairs, alteration by non-manufacturer authorized personnel, inappropriate installations, or any case beyond the control of the manufacturer. Examples of warranty invalidation may also include, but are not limited to:

- Product placed on non-approved surfaces
- Electrical requirement deficiencies
- Normal wear/tear/weathering
- Pet/consumer accidents
- Purchases from dealers unauthorized by the manufacturer (Authorization in writing)

The manufacturer shall not be liable for any loss due to use (or misuse) of the product or other incidental or consequential costs, expense or damages without irrefutable foundations. Under no circumstances shall the manufacturer or any of its representatives be held liable for injury to any person or damage to any property, however arising. Any implied warranty shall have duration equal of the applicable warranty stated above. Specifications are subject to change without notice or obligation.

This limited warranty gives the original purchaser specific legal rights. Other rights may vary from state to state.



# Eco Foam Spa User Manual