

AREBOS

SPA Pool



Style of the hot tub may differ from image shown above.

Please follow all security measures in this user's manual to ensure a secure use.



Thank you for trusting in AREBOS.

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Thank you for buying our product. Please read the operating instructions carefully before using the product for the first time. If you hand over the product to third parties, these operating instructions must also be handed over. Keep the instruction manual for future reference.

1. Safety instructions

1.1 Explanation of the symbols



Warning! Read the safety instructions carefully. Failure to follow the safety precautions can result in serious injury or damage. Keep the operating instructions in a safe place.



Use with caution when using this article.



Caution! Make sure the product is grounded!



Warning of electrical voltage!



Note: Pull out the mains plug!



Risk of drowning. It is essential to ensure that children do not have access to the spa without supervision. To prevent accidents, make sure that children are always supervised when using the spa.



Shower thoroughly before entering the spa to keep pollen, dandruff, dust and other particles out of the water.



Do not leave children unattended when using the spa. Ensure that children are not left unsupervised near the spa. Always cover the spa with the supplied insulation cover after use.



Do not jump into the spa. Risk of serious injury!



No open flame or fire!

The exterior and the interior shell of the spa may incur irreparable damage if it is closed to high temperatures.

1.2 Specific safety instructions

- This device was built according to the current state of the art and taking into account the existing safety regulations. Nevertheless, this whirlpool can pose a hazard to people and property if it is used improperly or not for the intended purpose or if the safety and warning instructions are not followed.

1.2.1 Private Use

- This whirlpool is intended for private use only.
- **Caution!** As a pool owner, you must comply with local and state laws regarding child safety, safety barriers and other safety requirements. Please contact the local building authority for further details.

1.2.2 Child safety

- **Risk of drowning!** It is important to ensure that children do not have access to the whirlpool without supervision.
- To avoid accidents, ensure that children are always supervised when using the spa.
- **Warning!** Make sure that children are not left near the spa unsupervised.
 - Attach a self-closing door or lockable gate, fence or child grille.
 - Always cover the whirlpool after use.
- **Warning!** Do not leave children unsupervised when using this hot tub to minimize the risk of injury.

1.2.3 Electricity and electric shock hazard

- **Warning!** Maintenance and repair work on the electrical components and any replacement of the power cable may only be carried out by a qualified electrician.
- **Warning!** The pool is equipped with a residual current device or residual current circuit breaker (RCCB) at the end of the power cable. The RCCB must be checked before each use. Do not use the pool if the RCCB is not working properly. Pull the mains plug until the error has been found and rectified. Contact a qualified electrician to correct the error. Do not bypass or open the RCCB. The RCCB must be easily accessible and visible, with a minimum distance of 1.5 m to the whirlpool.
- **Warning!** The whirlpool must not have an external switching device, e.g. a timer, or connected to a circuit that is switched on and off by a power supply at certain times.
- **Warning!** The power supply must meet the product specifications. Do not connect the device if the power supply does not meet the specified regulations! Contact your local qualified electrician for more information. The circuit for the device must be protected via a residual current device with a rated residual current of max. 30 mA.
- **Warning!** This whirlpool has an earthed connection for an earthed solid copper wire with a minimum diameter of 4 mm². A ground connection

must be made between this device and any metal ground at a distance of 4.92 ft (1.5 m).

- **Warning risk of electric shock!** Do not use an extension cord to connect the pool to the power supply.
- **Warning risk of electric shock!** Install the pool at a distance of at least 4.92 ft (1.5 m) from all metal surfaces. Metal parts must be permanently connected to the ground connection using a solid copper cable.
- **Warning risk of electric shock!** It is not permitted to set up or operate lighting devices, telephones, radios, televisions or other electrical devices within a 4.92 ft (1.5 m) radius of the whirlpool.
- **Warning risk of electric shock!** Do not use the whirlpool when it is raining.
- **Warning!** Always pull out the power plug before cleaning, removing, servicing or making any other adjustments.
- **Warning!** The power cable must not be buried. Place the cable so that it cannot be damaged by lawn mowers, hedge trimmers or other devices.
- **Warning!** If the connection cable of this device is damaged, it must be replaced by a qualified electrician.

1.2.4 Cartridge filter and suction power

- If the cartridge filter is missing or defective, long hair or parts of the body can be sucked in and get into the supply line, which can lead to serious accidents. Children in particular are at risk of injury and must be protected from the dangers. Prevent risk of injury:
 - Never operate the whirlpool if the filter cartridge is defective or not attached.
 - A defective filter cartridge must be replaced immediately. Make sure that only an original part is used when replacing.

1.2.5 Health risks

- **Warning!** The water temperature in the whirlpool must not be higher than 40°C. Water temperatures between 38 and 40°C are not considered harmful to healthy adults. A lower temperature is recommended for longer stays in the whirlpool (more than 10 minutes) or for small children.
- **Warning!** Before using the whirlpool, the water temperature must be measured with an accurate thermometer, as the tolerance of the thermostat is +/- 2°C.
- **Warning!** Because higher water temperatures in the first few months of a pregnancy pose a major risk to the unborn child, pregnant women (or women who may be pregnant) must set the spa water temperature to a maximum of 38°C. Pregnant women should always seek advice from their doctor before using the pool.

- **Warning!** The use of alcohol or drugs or medication before or during the use of the pool can lead to loss of consciousness and therefore drowning.
- **Warning!** People who are taking medication should seek advice from a doctor before using the pool as some medications can cause drowsiness, increased heart rate, or abnormal blood pressure or blood circulation.
- **Warning!** People who are overweight, have heart diseases, have high or low blood pressure, have circulatory disorders, or have diabetes should seek medical advice before using the pool.
- **Warning!** Leave the pool immediately if you feel uncomfortable or sleepy.
- **Warning!** Clean and change the water regularly to avoid bacterial growth.

1.2.6 Hyperthermia

- A long stay in the water can lead to hyperthermia (increased body temperature). Hyperthermia occurs when the body temperature exceeds the normal value of 37°C by several degrees. Symptoms of hyperthermia include drowsiness, indifference and an increase in body temperature. The consequences of hyperthermia can be:
 - failure to recognize impending dangers;
 - lack of heat awareness;
 - lack of feeling for the heat when leaving the bubble bath;
 - inability to leave the bubble bath;
 - damage to the fetus in pregnant women;
 - loss of consciousness and risk of drowning.

1.2.7 Other precautions

- **Warning!** This hot tub can be used by children aged 8 years and over as well as by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge if they have been supervised or have been instructed on the safe use of the device and understand the resulting dangers. Children must not play with the device.
- Cleaning and user maintenance must not be performed by children without supervision.
- **Warning!** Do not turn on the pool when the water inside is frozen.
- **Warning!** Pets should be kept away from the pool to avoid damage.
- **Caution!** To avoid damaging the pump, the pool must never be operated if it is not filled with water.
- **Danger!** Enter and exit the pool slowly and carefully. There is a risk of slipping on damp surfaces.
- **Caution!** For safe bathing pleasure and to avoid damage to the components of the whirlpool, professional water cleaning is required. Use water care products in accordance with the manufacturer's instructions. Do not add bath oil or bath salts to the pool water.

- **Danger!** Cover the pool when it is not in use. This can prevent children from using the pool unsupervised.
- **Caution!** The pool should not be operated at temperatures below 4° C.
- **Caution!** The continuous filter and heating operation should not take longer than 48 hours.

2. Technical data

SPA Pool Type (with LED lighting)	CORFU	PALMA	TENERIFE	SANTORINI	BALI	MONACO
SPA pool Type	FLORENCE	GRANADA	BARCELONA	ROME	BERGEN	VENICE
Model	AR-HE-SPA4SLH/4RLH/6SLH/6RLH/2OCLH/4OCLH AR-HE-SPA4SAH/4RRH/6SRH/6RAH/2OHH/4OAH					
Engine power (heater)	1800 W	1800 W	1800 W	1800 W	1800 W	1800 W
Engine power (air blower)	600 W	600 W	600 W	600 W	600 W	600 W
Power supply	AC 220-240V / 50Hz					
Filter pump power	12 V / 30 W	12 V / 30 W	12 V / 30 W	12 V / 30 W	12 V / 30 W	12 V / 30 W
Flow rate	1400 l/h	1400 l/h	1400 l/h	1400 l/h	1400 l/h	1400 l/h
Temperature increasing rate	1.0 -2.0°C / hour	1.0 -2.0°C / hour	1.0 -2.0°C / hour	1.0 -2.0°C / hour	1.0 -2.0°C / hour	1.0 -2.0°C / hour
Cable length	5 m	5 m	5 m	5 m	5 m	5 m
User capacity/ Seating capacity	4 persons	4 persons	6 persons	6 persons	2 persons	4 persons
Max. water capacity	600 L	800 L	910 L	1000 L	550L	600L
Temperature range	20°C - 40°C	20°C - 40°C	20°C - 40°C	20°C - 40°C	20°C - 40°C	20°C - 40°C
Number of massage jets	110	110	130	130	90	110
Pool size (external)	154x154cm	Ø180cm	185x185cm	Ø208cm	190x120cm	154x154cm
Pool size (internal)	114X114cm	Ø140cm	145X145cm	Ø168cm	150 x 80cm	114X114cm
Height of the pool	65cm	65cm	65cm	65cm	65cm	65cm
Form	square	round	square	round	oval	octagonal
Net weight	22 kg	22 kg	26 kg	26 kg	22kg	24kg

3. Installation

3.1 Find a safe location for the pool

- **Warning!** Do not install your pool in any of the following places:
 - Underneath electrical power lines or close to underground electrical installations (if in doubt, ask your electrician).
 - on an uneven surface.
 - on a balcony.
 - in a place where water and humidity can cause damage.
 - on carpets or other materials that are damaged by moisture.
 - on a base consisting of loose, non-loadbearing stones, wooden blocks or other materials that can shift.
- This may damage the pool that is not covered by the warranty.

The subsurface must meet the following requirements:

- **Stable**
The subsurface must be solid and able to bear a weight of at least 360 kg/m². Concrete tiles and wooden planks must be made in such a way that they can bear this weight. The total weight of the whirlpool when filled with water and four people is approximately 1200 kg.
- **Horizontal (level)**
A horizontal surface is particularly important. The water level must always be horizontal. A level and horizontal surface ensures that the weight is evenly distributed between the floor area (on which the greatest weight rests) and the outer walls, which form a self-supporting frame and ensure stability. The importance of adequate ground support cannot be overstated.
- **Drainage system**
There must be a functional drainage system for the absorption and removal of any overflowing water.

Indoor or outdoor assembly:

- If you would like to assemble your pool outdoor, make sure that there are no sharp objects in the vicinity of the spa.
- If you would like to assemble your pool indoor, make sure the floor is waterproof and has a non-slip surface. The room must be well-ventilated to prevent excess moisture.

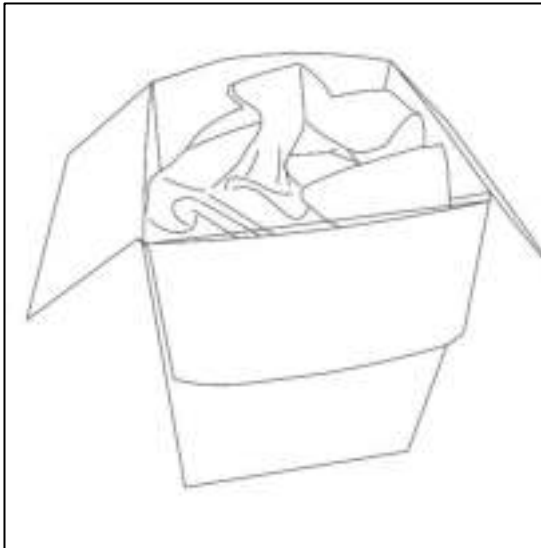
ATTENTION!

Do not expose the SPA to direct sunlight for prolonged periods. Be aware that direct sunlight can cause the outer shell of the spa to bulge and become irreversibly deformed.

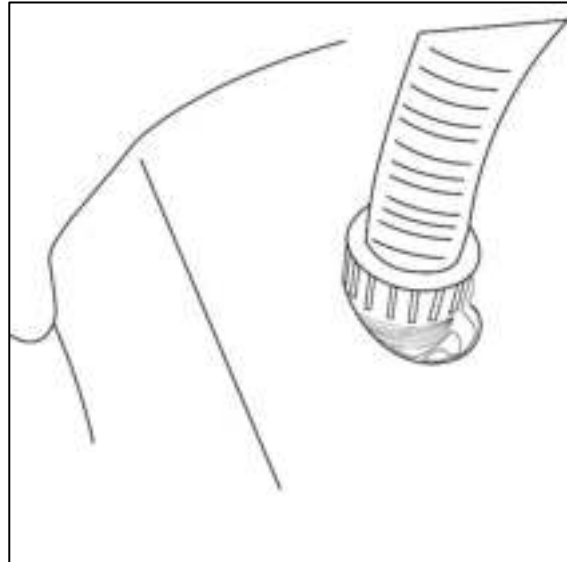
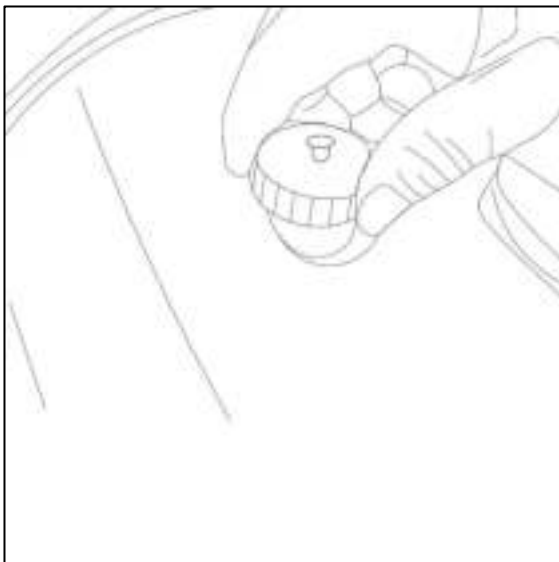
3.2 Assemble the spa pool

- Open the box and pull out the folded pool and accessories.
- Do not use tools with blades (knives, cutters, etc.) to open the packaging to avoid damaging the film.
- Step a. Lay the ground sheet on a flat, even surface free from sharp objects;

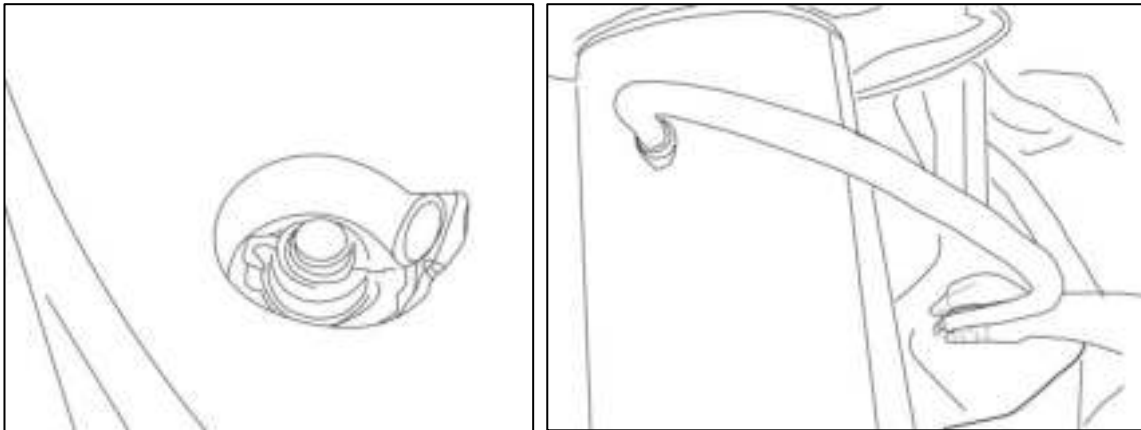
Uncoil the cables and plug which located under the motor block and remove packing materials on the pipes.



- b. Open the air outlet on top of the filter heating element of the whirlpool and screw on the filling hose.



- c. Open the air valve on the whirlpool cover and attach the filling hose to the valve.



- d. Now inflate the whirlpool by pressing the **BUBBLE** button on the control panel.
- e. When the pool is properly inflated, press the **BUBBLE** button again to stop inflating.



ATTENTION!

The spa should only be inflated so far that the upper edge can still be pressed in by the palm of your hand (approx. 4 - 5 cm).



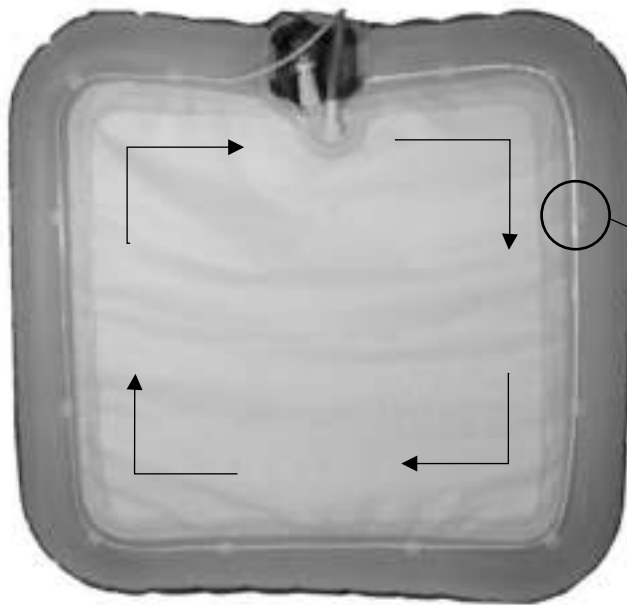
- f. Remove the filling hose and screw the air outlet and air valve back on.
- Caution!** Be careful not to over inflate the pool. If you want to refill air into a whirlpool filled with water, you must first press the BUBBLE button for 2-3 minutes. Then you can carry out the air filling according to step b-f.
- With LED lights model:** please insert LED Strip before filling water. (Please direct to 3.3 install LED lighting kit);
- Without LED light model:** fill with fresh tap water to the marked water level. (Please direct to 3.4 fill fresh water in your pool)

3.3 Installation of LED lights (where applicable)

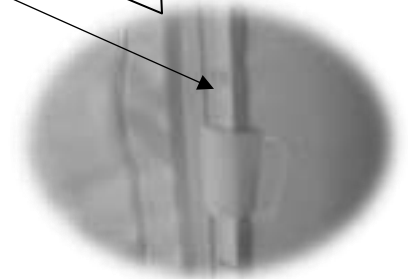
- SPA pool type without LED lighting kit please direct to 3.4;
- The LED lighting kit is in delivery and suitable for type: CORFU PALMA TENERIFE SANTORIN BALI MONACO
- Check the scope of delivery for remote control, power cable, connection cable and LED-roll.



- After the spa is completely inflated, turn it “upside down”. Unroll the LED-strip completely. Pass it through the tabs at the bottom of the pool, starting at the control unit.



Make sure that the LED-lamps face the base of pool.

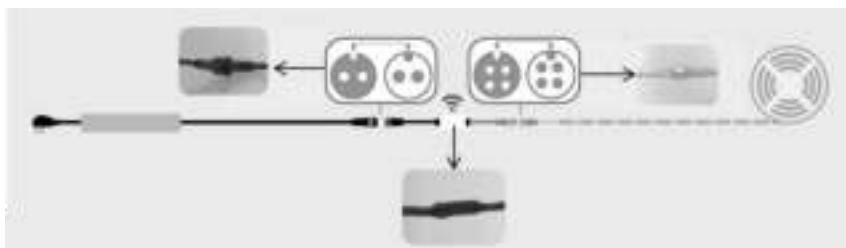


CAUTION! Make sure Lighting is NOT tight between the loops.

They must be fitted loosely, with excess LED to move between the retention loops on the base of the hot tub.

This reduces stress on the strip and allows the lighting strip expand when filled with water.

- The **electrical connection** is made by the power supply unit and connecting cable. Pay attention to the groove in the plug.



Middle: Receiver Remote control

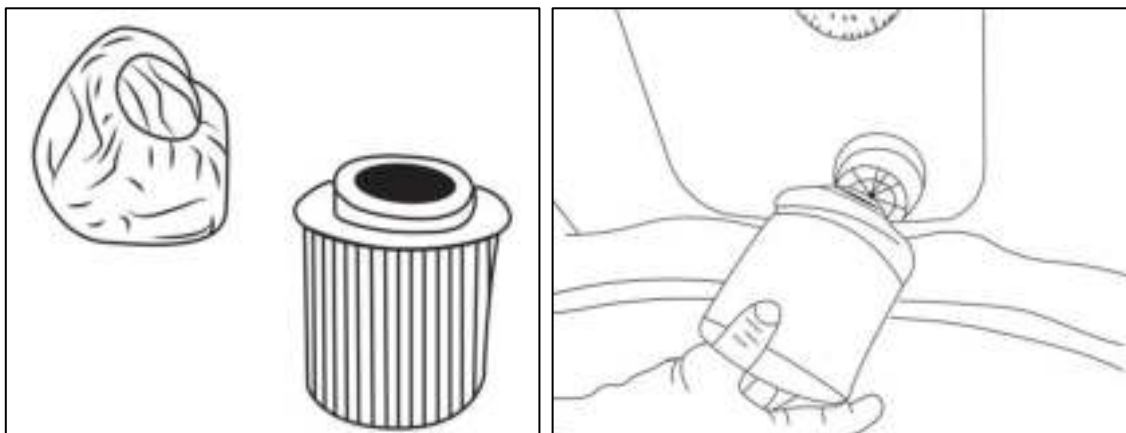
Left: black connection to power supply (2-pin plug)

Right: transparent connection to the pool (4-pin plug)

- Different colors, brightness and modes can be selected with the **remote control**.

3.4 Fill the spa pool with water

- Make sure the power cord is outside the pool and is not connected to the power supply.
- Screw the filter cartridge onto the water inlet of the whirlpool wall by turning it clockwise.



- Fill the whirlpool with a garden hose until the water level printed on the whirlpool wall is reached.
- Do not fill up too much water, because the water level will still rise when people step into the pool.
- Do not use rain or surface water.
- Do not use seawater or salt water.

ATTENTION!

Make sure that the filter is not screwed on too tightly as this can cause a loud noise and/or cause the temperature gauge to fluctuate.

3.5 Connect the spa to the mains

- **Warning!**

Observe the regional regulations (in case of doubt, please contact your power supply company or your qualified electrical contractor).

The connection to the power supply requires a permanent connection to its own power group that is not shared with any other appliances. This power group must be fitted with a 16A fuse and the circuit must have an RCD (30 mA).

Do not connect the pool to the power supply if it is not filled with water.

- **Caution!** This pool is equipped with a plug fitted with a residual current device or ground fault circuit interrupter (RCD). In the event of a leakage current, the power supply is automatically interrupted to protect you from an electric shock.
- Make sure that the device works properly by running the following test sequence:
 - Insert the power plug directly into the fixed socket.
 - Press the RESET button, the operating display should now light up.
 - Press the TEST button, the operating display should now go out.
 - Press the RESET button to use the device.
- Do not use the device if the above testing sequence has failed. If that happens, switch off the device and contact the manufacturer or a professional electrical contractor.
- The plug must be pulled out of the socket to disconnect the device from the power supply.
- The ambient temperature should be between -25°C and 40°C.
- The device must not be used in the vicinity of a strong magnetic field.
- The device must not be dropped or exposed to moisture.

- Ask for advice from the manufacturer or a professional electrical contractor if the device triggers a fault or the test sequence no longer functions properly.
- **WARNING!** Maintenance and repair work on the electrical components and any necessary replacement of the safety switch may only be carried out by a qualified electrician.
- **WARNING!** Do not attempt to connect or disconnect the power plug while in the water or with wet hands.
- **Caution!** The use of a plug fitted with an RCD is not a substitute for basic electrical safety requirements and a properly installed power supply.

4. Operation

4.1 Before using the pool for the first time

- Before using the SPA for the first time make sure that:
 - there is sufficient water in the pool.
 - nothing can block the flow of water in the pipes.

4.2 Control panel



4.2.1 FILTER button

- **ON/OFF button for the filter system.**
- Press this button and the filter pump starts to work and the red indicator lamp lights up. Press again and the pump stops working and the lamp goes out.
- **NOTE:** The filter pump does not switch off automatically. If the water temperature falls below the pre-set temperature, the heating system switches on again.
 - If the heating system does not switch on automatically, switch the heating off by pressing "HEATER", then the filter will be switched off automatically after 2 minutes to prevent dirt from clogging the filtration system.
- After a total filter time of 168 hours, the letters "FC" appear on the display, accompanied by a warning tone. The indicator lamp for filter operation is still lit, but the filter pump is switched off. The heating is also switched off.
- The "FC" display and the warning tone should remind you to replace the filter cartridge.
- Only by pressing the 'FILTER' button will the control lamp for the filter operation go out and the warning ("FC" on the display and the warning tone) switch off again. All buttons then return to their normal working status and the current water temperature is displayed.

4.2.2 BUBBLE button

- **ON/OFF button for the jet system.**
- Press this button and the jet system starts to work and the red indicator lamp lights up. The jet system stops automatically after 20 minutes of operation. If there is still a need, wait 10 minutes and then press the BUBBLE button again.
- Air jets can be stopped or started again at any time during the 20-minute cycle.

4.2.3 HEATER button

- **ON/OFF button for the heating system.**
- Press this button and the heating system starts working and the red indicator LED lights up. At the same time, the red light of the Filter button lights and the filter pump starts working. This is normal because heating is not possible without the filter pump.
- To switch off the heating system, press the HEATER button again and the red indicator lamp goes out.
- When the pre-set temperature has been reached, the heating system stops working, while the heating indicator light stays on. At the same time, the filter pump keeps working.
 - When the water temperature drops below the pre-set temperature, the heating system and filter pump will start working again. The filter control LED comes on again.
 - If the heating system does not restart automatically, switch off both the heating system and the filter pump by pressing the “HEATER” and “FILTER” buttons and both red indicator lights go out.
- **Important!** Always install the cover firmly on the spa after use to minimize heat loss when heating the water for good heat insulation. Store the cover in a suitable place where it is free from contamination or damage.
- **Note:** The integrated temperature sensor works with an accuracy of +/- 2°C. Depending on the set water temperature, it may therefore be the case that the heater / pump does not switch on immediately but with a delay. This is not a malfunction.
- **Note:** If the ambient temperature is below 10 ° C, the heater works slower than normal. All SPA functions are blocked at an ambient temperature below 0°C. Operating the heating system or other functions at sub-zero temperatures can cause irreversible damage to water pipes and electrical components inside the motor block.

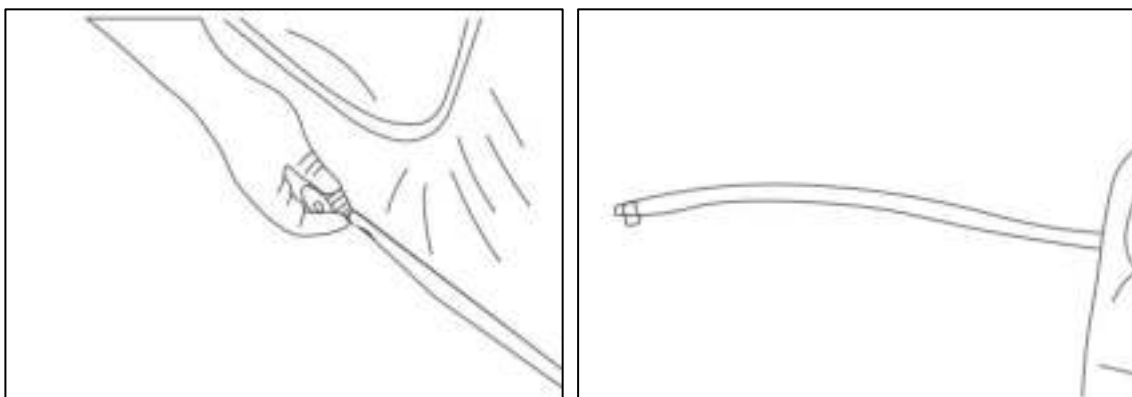
4.2.4 SET TEMP button

- **Temperature setting button.**
- The current water temperature is displayed on the screen.
- Press the SET TEMP button and the numbers on the screen will start to flash. To set the desired temperature, press the corresponding arrow button.
TEMP UP: button to increase the temperature.
TEMP DOWN: button for lowering the temperature.
- The temperature can be adjusted within the range 20-40°C.
- When you have adjusted the temperature, press the TEMPERATURE button again to confirm the new setting.
- **Note:** It may take between 12 and 24 hours before the water has heated up to the required temperature. The ambient temperature and the temperature of the mains water affect how long it takes for the water to be heated up. The water temperature drops every time when the heater is switched off on the SPA. please wait some time for the water to warm up before using the SPA next time.

5. Cleaning, maintenance and storage

5.1 Draining the water

- You have the following options to drain the water from the whirlpool.
- **Method 1:**
Turn off the power.
Let a submersible pump into the whirlpool and use it to pump out the water.
Do not reconnect the pool to the power supply until it is filled with water.
- **Method 2:**
Turn off the power.
Unscrew the end cap of the water outlet located below on the filter heating element of the whirlpool and screw on the filling hose.



Then pull off the plastic plug on the inside. Now the water can flow out.

When the spa is out of water, press the BUBBLE button for 2-3 minutes to drain the water in the air line.

When the water is completely drained, remove the filling hose and close both outlets again.

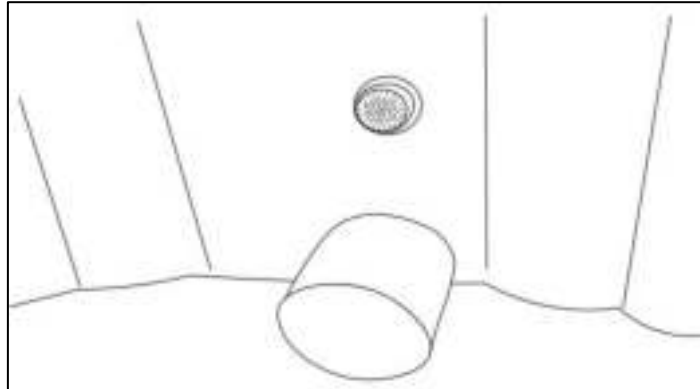
- **Caution!** The drained water can contain chemical residues and/or other unhygienic components, that can have a negative impact on health and the environment. Check your local authority regulations to find out how you can safely and responsibly dispose of the waste water.
To prevent the growth of undesirable bacteria, make sure there is no more water in the pool.

5.2 Filter cartridge

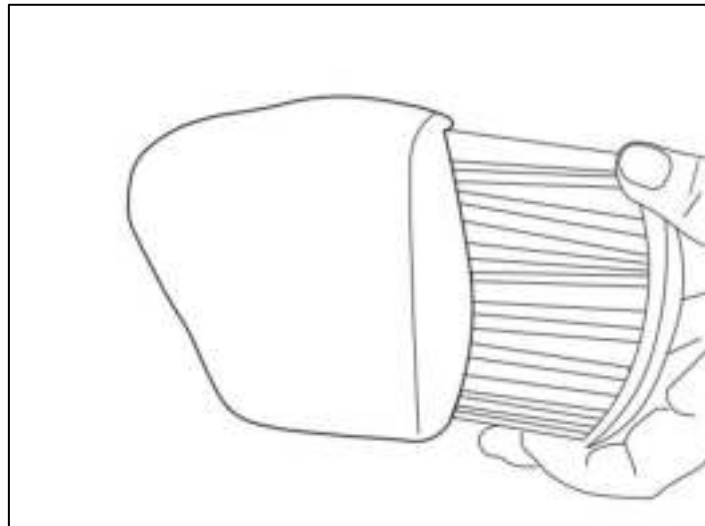
- For optimum performance of your hot tub, check and clean the filter cartridge after each use of the SPA to remove any small particles and residue.
- To continue to enjoy your hot tub, we suggest you to have 2-3 filter cartridges available.
- Change the filter cartridge every 3 days. The same applies if the SPA is not used for several days. The filter cartridge should be regularly cleaned or removed for the period of non-use, as the addition of chemicals could cause the paper of the filter cartridge to flocculate.

- **How to Change the filter cartridge:**

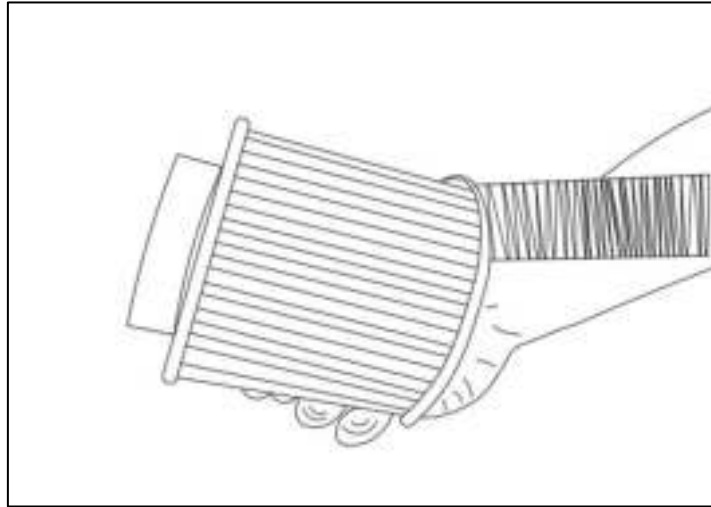
- Make sure that the mains plug has been disconnected from the power supply.
- Unscrew the filter cartridge by turning it counterclockwise.



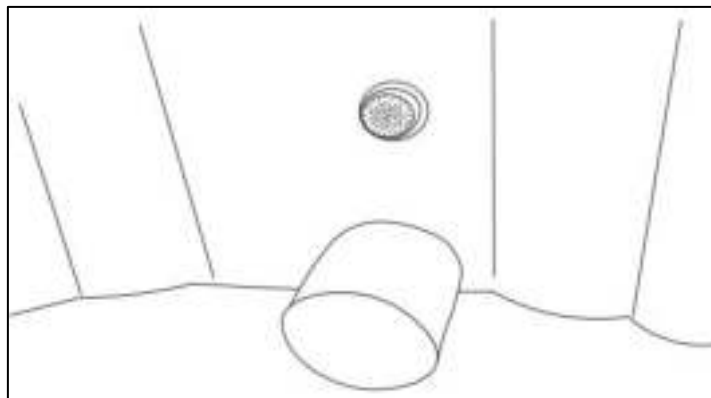
- Remove the filter cartridge cover.



- The filter cartridge can be rinsed off with a garden hose and reused. However, if the filter cartridge is dirty and discolored, the filter cartridge should be replaced.



- Place the filter cartridge cover on the new filter cartridge and screw it in by turning it clockwise.



- **TIPS:** Filter cartridge will need changed eventually. However, Dirty or contaminated filters do not need to be disposed right away. To extend the life of the filter:
 - **in an empty dishwasher:** by placing on a quick cycle using a dishwasher tablet.
 - **in a washing machine:** Place your filters inside a pillowcase or towel and run the machine on a quick cycle using normal detergent. The purpose of putting the filter inside a pillowcase /tower is to reduce noise.
- **TIPS:** Smaller particles (pollen, dust, etc.) can be deposited on the surface of the water, which do not sink and can be drawn up by the filter cartridge. Switch the BUBBLE on for approx. 5-10 seconds so that the particles can disperse in the water and then be drawn up by the filter cartridge.

5.3 Water treatment

- To ensure the comfort and safety of pool users, the water parameters must be well-balanced. The mineral content of water is constantly changing and can be directly affected by persons in the water, water treatment products and by evaporation. Deviations from the desired values can cause deposits that can damage the pool.
- As the volume of water is relatively small, it is difficult to maintain constant values. It is therefore important to observe the following points:

- Start water treatment immediately after filling the pool. The power supply has to be ensured from this moment on, so that filtration can be started immediately.
- Check the following water parameters and adjust them as follows:
pH value: 7.2 – 7.8
Free chlorine 3 – 5 ppm
Total alkalinity: 80 – 120 mg/l
- The stated values must be regularly checked, at least twice a week, and before each time the pool is used.
- Use a good and clearly legible testing set for these tests.
- Use water treatment products to correct and adjust the values.
- If the pool is being used regularly, the water must be completely changed at least every two months.
If the pool is used more intensively, the water must be changed more frequently.
- **Caution!** If the pH and chlorine content are not corrected, this can have a negative impact on the life of the components.
- **Caution!** Never use fragrances. These oil-based agents can cause deposits and leaks.

5.4 Water treatment products

- Always add the water treatment to the middle of the pool. The air jets and heater must be switched on to achieve an optimum treatment effect. The use of water treatment products in cold water has almost no effect. Keep the water treatment products in a cool, dry place inaccessible to children.
- For the disinfection of the SPA water there are different methods to choose from. Always use a dosing float for dosing during SPA water care – this way you avoid the risk of bleach spots or hole formations on the SPA surface.
- **Important:** Always remove the dosing float when using the SPA.
- **Test strips**
Test strips are available which can be used to measure the pH value, chlorine content and alkalinity.
- **Chlorine granules / tablets**
Increase the chlorine content. After using chlorine granules or tablets, you must wait at least 7 hours before you can retest the water.
The full effects of the treatment can only be determined after this waiting period.
- **pH plus granules**
Increases the pH value.
- **pH minus granules**
Decreases the pH value.

5.5 Cleaning the pool

- The cleaning of the SPA does not require any special care or maintenance. Remove dirt with soap, water, a damp cloth and a soft brush, if required. Never use hard brushes or abrasive cleaning and scouring products.

5.6 Repairs

- If the wall of the pool has small holes or punctures these can be securely and invisibly repaired with the repair patches supplied with the pool.
 - Thoroughly clean and dry the area to be repaired.
 - Spread the adhesive evenly over the back of the repair patch and press the patch over the damaged area.
 - Smooth the surface to remove any air bubbles.

5.7 Winter storage

- Drain all the water from the pool.
- Remove the filter cartridge.
- Clean and dry the SPA and attachments.
- Expel all the air from the pool.
- Loosely fold up the pool, avoiding sharp corners to prevent damage.
- Store the pool in a dry, frost-free place.
- The original packaging can be used for storage.

- **Caution**

Plastic can become brittle and fragile when it is exposed to sub-zero temperatures. Freezing can severely damage the pool. Improper winter storage may invalidate the warranty.

The manufacturer cannot accept liability for damage to the pool and its components resulting from the use of antifreeze agents.

6. Troubleshooting

- Here you will find useful tips to help you identify and remedy some of the most frequent faults.

Problem	Cause	Solution
The jet/bubble system is not working.	- Overheating of the air pump.	- Wait until the air pump has cooled down, then press the BUBBLE button to activate the function.
	- Problems with the filter / bubble/ heater unit.	- Please Call our customer service department if the jet function cannot be reactivated.
The heating system is not working.	- The temperature is set too low.	- Set a higher temperature (20-40°C).
	- The filter cartridge is dirty.	- Replace the filter cartridge.
	The water temperature is still within the tolerance range of the temperature sensor (+/- 2°C)	The heating system does not switch on immediately, but after a delay.
	- The water level is too low.	- Top up the water level.
	- Dirt accumulates inside the motor	Remove the filter cartridge; then place the water hose at the water outlet and collect particles of dirt at the filter connection using a cloth bag to flush the motor.
	- The heating element may be defective.	- Contact our customer service department.
	- Power voltage too low or incorrect frequency	- Contact a qualified electrician.
The filter system is not working.	- The filter cartridge is dirty.	- Replace the filter cartridge.
	- water level is low	- top up the water
	- Problems with the filter/ heating unit	- Contact our customer service department.
The filter pump is noisy.	- The filter cartridge or the filter cover is dirty.	- Replace the filter cartridge
	- the filter cover is dirty	- clean the filter cover
	- water level is too low.	- fill up the water.
Air Leakage.	- Tear or puncture	- Use the enclosed repair kit.
	- Air valve cap is loose	- Tighten the air valve cap
	- Sudden drop in outside/ambient temperature	- Fill the spa according to Chapter 3.2.

Water leakage	- the sealing drain plug at the bottom of the hot tub is loose.	- Clean the sealing plug and press it tight into the drain.
Deformation	- due to partial or full solar radiation	- Make sure that the spa tub is not exposed to direct sunlight in outdoor areas.
The water is not clean.	- Insufficient filter time.	- Increase the filter time
	- The filter cartridge is dirty.	- Replace / clean the filter cartridge
	- Incorrect water treatment.	- Read the instructions of the chemical's manufacturer.
LED light doesn't work. (Where applicable)	- Transparent tabs in remote is not removed.	- Ensure you have removed the clear tab from the remote control.
	- Wrong installation on the receiver.	- Check that the connection points are lined up correctly on the receiver
	- remote-control battery is not working.	- replace 1 x 3v CR2025 new Lithium Battery
	- the LED lighting is too tight between the loops.	- Refit the LED Lights loosely to allow the hot tub to expand once filled with water. Make sure that the position of the LED faces to the base of pool.

Error Code messages:

Error Code: HL	- there is a blockage, preventing water from circulating around the pump & heating system. The blockage can be caused by a dirty filter, a blocked impellor or limescale build up – especially if you live in an area with hard water. <i>This will cause a higher temperature reading being recorded than the temperature set.</i> Check water flow: Check the flow of water from the filter outlet by placing your hand 6-8 inches away from the outlet. You should feel the water flowing through the outlet valve. If the flow rate is weak or non-existence or your pool is making a grinding noise, please follow the steps as follow: 1) Ensure your filter is clean and doesn't need replacing. 2) The Filter cover should be rinsed under a tap to clean thoroughly. 3) make sure the filter is not overtightened. <i>If you have tried above, and your spa is not heated. please carry out following steps:</i> 1. Turn off the heater and filter. 2. Remove the Filter cover and Filter. 3. Place the filter cover over the filter inlet and use an elastic band to hold the filter cover in place (to stop debris getting into the pump) 4. Press the 'Heater' button on and reset the temperature. 5. If the temperature begins to rise and maintains its temperature it is likely that your filter needs a replacing. <u>Impellor Blockage or Debris</u> If a hot tub is used without a filter, or debris has been drawn into the motor it may cause the impeller within the water pump to seize. We advise following the below steps to check for problems. 1. Turn off the hot tub at the mains. 2. Drain the water from the hot tub. 3. Remove the filter and protective filter cover. 4. Perform a visual check of the outlet inside and out – check for anything that maybe obstructing the water flow. <u>Limescale Blockage</u> Many areas have hard water, causing limescale build up within home devices. We recommend you to conduct a descaling routine into your hot tub maintenance schedule: 1. Turn off the hot tub at the mains. 2. Remove the Filter and protective cover. 3. Place your garden hose pipe against the filter inlet hole and outlet holes.
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		4. Run clean water through the system, helping to remove any debris or loose limescale. 5. Use a net to collect and eliminate any loose particles from the water. 6. To reduce the effects of limescale build up ensure that water descaler is used weekly to prevent scale formation and build up If you have carried out all steps above, and the problem still persists, please contact the customer service team who can arrange a repair.
Error Code: SH	- Malfunction of the circuit board or the temperature sensor.	Please contact our customer service Team so that we can arrange a repair.
Error Code: FC	The filtration system has worked for approx. 168 hours advising you to check your filter. The pump & heating buttons will be disabled.	– Make sure the filter is clean and change if necessary. - Press 'Filter' button & the FC Error code will disappear. The water temperature will be displayed and all the functions will return to normal.
Error Code: SL	- Blocked or dirty Filter - Low Ambient Temperature. When the weather is cold, the SL code may appear. This is most likely due to the pipe and heater being too cold to function.	– Make sure the filter is clean and change if necessary. - Pouring some hot or warm water into the hot tub (either using a hot water pipe or buckets of hot/warm water). - Pouring some warm water into the top outlet

An explanation to the manual reset button on the outer shell of hot tub:

Explanation	Cause	Solution
	When temperature of the heating element in the motor block is over 47°C, the device will stop heating. This manual reset button is part of over-heating protection.	- Press the Manual Reset Button on the pool after 15-20 mins of waiting time. You will hear a "click" sound, and try to restart the device. - if you don't hear a "click" sound when pressing the button or the device fails to restart. please contact our customer service team.

Other questions that are frequently asked:

Problem	Cause	Solution
The temperature is not increasing.	- A dirty filter and limescale can affect the overall performance and heating function of your hot tub.	1. Turn off the hot tub at the Mains socket. 2. Remove RCD Plug from the socket. 3. Wait 10 Seconds then Plug RCD Plug back into the Mains socket. 4. Remove the Filter and Place the filter sock over the filter inlet so no debris gets into the pump/heater 5. Turn the pump off and get your garden hose

		pipe and run some water through the filter inlet hole and outlet hole. This should remove any limescale or debris. Use a net to collect and remove any loose particles. 6. Turn the hot tub back on (without the filter to test the hot tub is functioning) – Press SET Temp and key in your desired temperature – Press ‘set Temp’ and Press ‘Heat’ 7. Place on the top cover Once completed – Leave the hot tub running for a couple of hours, the water temperature should start to rise.
The control panel is showing a high temperature reading.	- Possibly due to the small amount of residual water (a maximum of 300ml) surrounding the heating element, which is where the temperature sensor is located – therefore displaying a reading that will not be reflecting the actual water temperature. - usually due to a blockage caused by either limescale build up, a dirty filter or a seized impellor.	- Activate your filter to allow the water to circulate inside your hot tub. - Turn on the air jets for a few minutes to disperse any pockets of warm water. - Turn off the hot tub at the mains to reset it. Leave for 30 minutes to allow the heating element to cool. - Carry out the following steps for the below 3 points, as instructed on the HL Error Code Troubleshooting guide to ensure that there is no blockage. – <i>Limescale build up.</i> – <i>Dirty filter</i> – <i>Seized impellor</i>

For more frequently asked questions or more help, please scan me:



7. Environmentally friendly disposal

7.1 Disposal and packaging

- The packaging of your unit consists of materials that are necessary to guarantee effective protection during transport. These materials are fully recyclable and therefore reduce the environmental impact. Dispose of the packaging in a bin for recyclable materials.
Danger of suffocation! Do not leave the packaging material lying around carelessly. It could become a dangerous toy for children.

7.2 Disposal of old equipment

- Old appliances must be disposed of in accordance with the guidelines and regulations of the local waste disposal authority. Check with your local administration for the address of the nearest recycling centre and deliver your appliance there.



The symbol of the crossed-out dustbin on a Waste electrical or electronic equipment indicates that it must not be disposed of with household waste at the end of its life. Collection points for waste electrical and electronic equipment are available free of charge in your area. You can obtain the addresses from your city or local government. You can find out about other return options created by us on our website www.arebos.de.



The separate collection of Waste electrical or electronic equipment is intended to enable the reuse, recycling or other forms of recovery of Waste electrical or electronic equipment and to avoid the negative consequences of disposal on the environment and human health.

Notes on battery disposal

The symbol of the crossed-out dustbin on batteries or accumulators indicates that they must not be disposed of with household waste at the end of their service life. If batteries or accumulators contain mercury (Hg), cadmium (Cd) or lead (Pb), you will find the respective chemical symbol below the symbol of the crossed-out trash can. You are legally obliged to return old batteries and accumulators after use. You can do this free of charge in a retail store or at another collection point near you. Addresses of suitable collection points can be obtained from your city or local government.

Our customer service number: Tel. +44 (0) 208 068 5604

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You can find the **return address** in the imprint: <https://www.arebos.de/impressum/>

VAT identification number: DE 263752326

The court of entry in the commercial register is Würzburg, HRB 10082

WEEE-Reg.-Nr. DE 61617071

EU Declaration of Conformity



We,

Canbolat Vertriebsgesellschaft mbH

Gneisenaustraße 10-11
97074 Würzburg
Germany

declare in sole responsibility that the following product:

Brand

AREBOS

Product Name

Spa Pool

Product Model

AR-HE-SPA4SLH/4RLH/6SLH/6RLH/2OCLH/4OCLH
AR-HE-SPA4SAH/4RRH/6SRH/6RAH/2OHH/4OAH

has been developed, constructed
and manufactured in compliance
with the requirements of the
European Directives:

2014/35/EU (Low Voltage Directive)
2014/30/EU (Electromagnetic Compatibility)
2011/65/EU; (EU) 2015/863 (RoHS)

The object of the declaration described above is in conformity with the relevant European Union harmonization legislation.

The assessment is based on the
following applied **harmonized
standards:**

EN 60335-2-60:2003+A1:2005+A2:2008+A11:2010+A12:2010;
EN 60335-1:2012+A11:2014+A13:2017+A1:2019
+A14:2019+A2:2019;
EN 62233:2008;
EN 55014-1:2017;
EN 55014-2:2015;
EN IEC 61000-3-2:2019;
EN 61000-3-3:2013+A1:2019

Place and date of issue:

Würzburg, 14.12.2021

Signature:

Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

If the device is modified without our consent, this declaration of conformity loses its validity.