Instructions for use

HOME DELUXE
WIR MACHEN ZUHAUSE

Outdoor whirlpool BEACH



Designed in Germany

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IMPORTANT!

KEEP FOR FUTURE REFERENCE. READ CAREFULLY!

Dear customers,

Thank you for choosing a product from **Home Deluxe GmbH.** We hope you enjoy your new outdoor whirlpool BEACH.

The instructions for use support you during installation, commissioning, operation and maintenance of the product. The instructions for use and the safety instructions must be read carefully and completely. Observe these instructions in order to avoid dangers.

1. General

1.1. Product overview

Model:

Outdoor whirlpool BEACH PURE	| Article ID:	9971| Variant ID: 8086
Outdoor whirlpool BEACH (with stairs and thermal cover)	| Article ID:	7811| Variant ID: 5979

1.2. General information

In order to live up to our claim, we are constantly improving the quality, simplifying the assembly, operation or adapting the products to the customer's wishes. Due to these changes, the current version of the instructions for use can be found on our homepage.

The term "product" is used in the instructions for use for the "Outdoor whirlpool BEACH PURE" and Outdoor whirlpool BEACH with steps and thermal cover".

1.3. Warranty

The statutory liability for defects and warranty rights apply from the date of purchase.
Home Deluxe GmbH accepts no liability for damage caused by failure to observe the instructions for use. Complaints resulting from improper assembly or use are excluded from the warranty. In the event of defects to the product, please contact our customer service in writing via the contact form on our homepage, stating the product name, the serial number and a photo of the type plate:

Home Deluxe GmbH
Schanzeweg 2
32312 Lübbecke
Germany
Tel.: +49 (0)5743 6181-0
www.home-deluxe-gmbh.de

If you have any further questions, please contact our customer service via the contact form.

2. Information on the instructions for use Availability of the instructions for use

The instructions for use are part of the product and should be kept complete and in the immediate vicinity of the product.

2.2. Target groups of the instructions for use

The instructions for use must be read and observed by every person involved with any of the following activities or use:

- Unpack
- Assembly / Installation
- Commissioning / Operation
- Maintenance / Testing / Care
- Troubleshooting / Repair
- Disposal

2.3. Translation information

The original instructions for use were written in German. Any other language available is a translation of the German version.



There is a "**Certificate of Quality**" in the enclosed box. This must be kept
The number will be used to process complaints more efficiently.

2.4. Explanation of symbols

Symbol	Explanation of symbols
	**WARNING** The symbol indicates possible hazards that can cause fatal and serious injuries. Before carrying out the corresponding assembly or application step, the corresponding note must be read.
	**INFO** The symbol gives important information and indicates damage to property. Observe these before carrying out the corresponding assembly or application step in order to understand problems and avoid damage.
	**CE marking** The symbol declares the conformity of the product with the applicable requirements of the European Community. The current declaration of conformity is available from Home Deluxe GmbH on request.
	**Read instruction manual** The symbol indicates that the instructions for use must be read carefully before assembly/installation and/or operation of the appliance.
	**Disposal of electrical and electronic equipment** Electrical and electronic equipment must not be disposed of with household waste!

Symbol	Explanation of symbols
	**Drowning hazard** The symbol indicates that children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge should not enter the water unsupervised.
	**Supervise children in water facilities** The symbol indicates that children in water facilities must be supervised by adults.
	**No headers** The symbol indicates that jumping headfirst into the water is prohibited. A collision with other persons in the water is possible.
	**Do not touch the nozzles** The symbol indicates that it is not allowed to reach into the nozzles.
	**Protection class I** The symbol indicates that all conductive housing parts of the equipment must be connected to the protective earth conductor system of the fixed electrical installation. It is a protective earth. In the event of a fault current, the circuit is de-energised by a fuse.
	**Alternating current** The symbol indicates that the product is operated with alternating current.
	**Do not look directly into the light** The symbol indicates that you must not look directly into the light.

2.5. General information on the instructions for use

The instructions for use refer to the "Outdoor whirlpool BEACH PURE" and the "Outdoor whirlpool BEACH with steps and thermal cover". They contain important information on installation, operation, maintenance and cleaning. The operating instructions, in particular the safety instructions, must be read carefully before the product is used. Only use the product as described in these instructions for use to prevent accidental injury or damage. If you pass the product on to third parties, these instructions for use must also be handed over.

2.6. Intended use

The product is of high quality, durable and intended or suitable exclusively for private use to a reasonable and customary extent. Furthermore, our product is **not intended for** commercial use. Commercial use is only permitted with the written consent of Home Deluxe GmbH.

The product is intended for outdoor use for bathing and wellness. The stair is intended exclusively as an entry aid for the product. The thermal cover is intended solely as a cover for the product. This product and the accessories must not be used by children without adult supervision.

Only use the product as described in these instructions for use. Any other use is considered improper and may result in damage to property or personal injury. The manufacturer

accepts no liability for damage caused by improper or incorrect use.

2.7. Safety instructions

General hazard warnings



- Improper handling can lead to considerable personal injury and damage to property. For this reason, assembly, installation, commissioning, troubleshooting, maintenance and repair work may only be carried out by qualified persons.
- **Only** assemble the product if the scope of delivery is complete and in perfect condition.
- Make sure that all parts are undamaged and properly assembled. Improper assembly may result in injury. Damaged parts can affect safety and function.
- Only place the product on a safe, level, solid and non-slip surface.
- The product can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- **Danger to life due to electrical voltage:** No electrical devices may be set up or operated in the immediate vicinity (distance approx. 1.5 m) of the product.
- **Danger to life due to electrical voltage:** No electrical devices may be taken into the product.
- **Danger to life from electrical voltage:** Install units at least 1.5 m away from all metal surfaces, alternatively a unit may be installed within 1.5 m of metal surfaces if the metal surface is permanently and properly earthed by a min. 1.0 mm^2 solid copper conductor in accordance with all regulations.
- Stop operation immediately if components and/or the mains connection cables are damaged, contact customer service or have the mains connection cable replaced by a qualified electrician.
- Keep pets away from the product.

Danger for children



- Keep children away from packaging materials. There is a risk of suffocation, among other things!
- Children must not play in and on the product, keep children away from the product.
- **Falling hazard:** Children must not climb onto the thermal cover when this is resting on the product.
- Do not place the product directly or in the immediate vicinity of a play area.
- Explain to the children how to use the product properly and never leave them unsupervised while playing.
- When the product is not in use or is unattended, remove all toys from the product and its surroundings to avoid drawing children's attention to the product.
- **Risk of bathing accident (especially children under 5 years).** Care should be taken to prevent unauthorised access by children. This can be achieved by having an adult supervisor monitor access to the bathing area or by installing a bathing safety guard.
- Cleaning and user maintenance must not be carried out by children without supervision.

Risk of injury

Improper handling of the whirlpool tub can lead to injuries



- Do not make any constructive changes to the product. For any modification, the permission of the manufacturer must be obtained and carried out according to the manufacturer's instructions.
- Make sure that the product is permanently installed to prevent injuries.
- **Danger to life due to electrical voltage**: To avoid the risk of electric shock, all installations and corresponding maintenance work must be carried out by a qualified electrician.
- **Danger to life due to electrical voltage: There** is an immediate danger to life if live parts are touched. Damage to the insulation or individual components can be life-threatening. -> If the insulation is damaged, switch off the power supply immediately and have it repaired.
- If the power supply cable is damaged, take the product out of operation until the power supply cable is replaced by the manufacturer, customer service or a qualified electrician.

Risk of damage



- Do not open the packaging with sharp objects (e.g. knife, scissors or similar), as this may damage the product. Be careful when opening.
- Improper handling of the product can lead to damage.

Explosion hazard



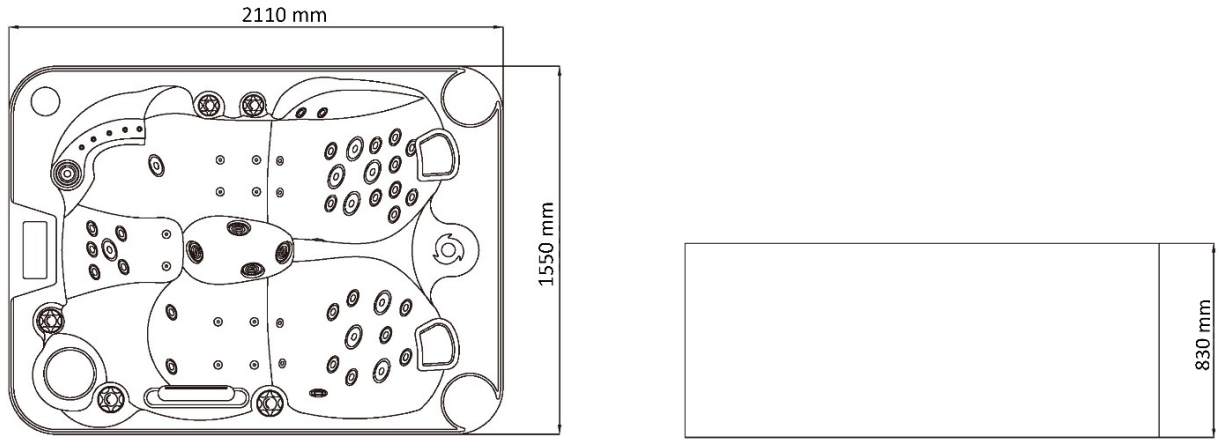
- In the event of a fire, call the fire brigade immediately and make sure that there are no persons in the product.
- **Caution:** Do not store highly flammable, combustible or explosive substances inside the product. Highly flammable substances can catch fire.

3. Product features

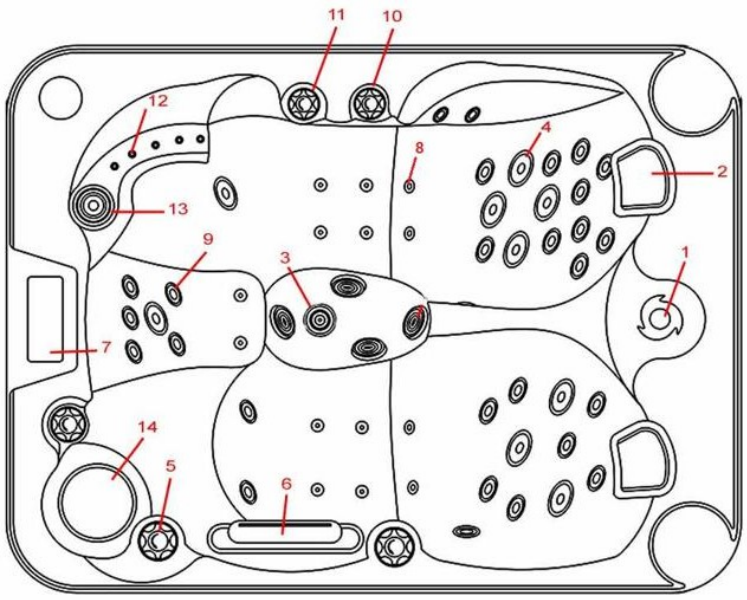
3.1. Technical data

Outdoor whirlpool BEACH	
Voltage	220 - 240 V AC
Frequency	50/60 Hz
Total output (without filter output)	5300 W
Heating capacity	3000 W
Pump capacity	2200 W
Filter performance	450 W
Protection class	I
Volume (at highest speed)	< 75 dB
Temperature range	0 - 40 °C
Whirlpool dimensions (L x W x H)	2110 x 1550 x 830 mm
Filling quantity	900 l
People	max. 2 persons
Empty weight whirlpool	270 kg
Material / colour (tub)	PMMA (polymethyl methacrylate) / White
Material / colour (cladding)	WPC (natural fibre reinforced plastic) / anthracite
Material frame	Anti corrosion wood
Staircase dimensions (L x W x H)	630 x 540 x 400 mm
Dimensions thermal cover (L x W x H)	2120 x 1570 x 100 mm
Filling level	640 mm
Weight thermal cover	13 kg
Weight stairs	13.5 kg

Dimensioned drawing



Product overview



No.	Description	Number
1	Main controller	1
2	Pillow	2
3	Drain	4
4	Massage jets 12 cm	9
5	Waterfall switch	1
6	Waterfall	1
7	Control element	1
8	Massage jets 5 cm	14
9	Massage jets 8 cm	28
10	Nozzle control	3
11	Waterfall controller	1
12	LED lighting	24
13	Waterfall	1
14	Filter	1

3.2. Product description

The outdoor whirlpool is a visual highlight that transforms the garden or terrace into a wellness oasis and offers space for up to 2 people. The whirlpool is particularly enchanting in the evening with the four external LED light strips at each corner. The soft light illuminates the area around the whirlpool, while the LED lights in the floor and on the inner walls create a cosy ambience.

After a long day, let yourself be pampered by the 51 massage jets, which are conveniently controlled via the control panel. You can switch the various lying and sitting positions on or off while your muscles relax and stress is relieved. The integrated heating function heats the water up to 40 °C according to your wishes.

4. Scope of delivery

Check the packaging for external damage upon delivery. Furthermore, immediately after unpacking, check the scope of delivery for completeness and the perfect condition of the product and all components. Only assemble the product if the scope of delivery is complete and undamaged.

Components/Parts

No.	Description	Number	Images
1.	Whirlpool	1	
2.	Optional: Cover	1	
3.	Optional: Stairs	1	

5. Assembly of the product

- Read the following instructions carefully.
- The product is delivered in some packages. Please make sure that the packages are opened at the top. Be very careful when opening the packages as there are fragile parts in the packages.

Installation site

- Mount the product on a safe, level, solid and non-slip surface.
- For maintenance and repair work, sufficient distance should be kept from permanently installed structures or walls. **Recommendation**: approx. 1 m from all sides.
- Applicable regulations must be adhered to.
- The substrate must be load-bearing and have a slight slope to a drain so that any water that may escape is drained away from the product and can be fed into the drainage system.
- If you are unsure, consult a professional for advice.
- Take into account the heavy weight (product + water + people) and choose the installation site accordingly; it must be able to withstand the weight permanently. If you are unsure about the location, e.g. on a balcony, consult a specialist. We accept no liability for damage caused by the weight of the product and the guarantee is void for damage caused by improper use. It is the responsibility of the product owner to ensure the integrity of the location at all times.

5.1. Safety instructions

The following health and safety information must be read carefully.

Risk of injury

Improper handling during assembly can lead to injuries



- Your product will be delivered in some packages. Please make sure that the parcels are opened at the top. Be very careful when opening the parcels as there are delicate parts inside.
- **Only** assemble the product if the scope of delivery is complete and undamaged.
- Improper handling can lead to considerable personal injury and damage to property. Therefore, assembly and installation may only be carried out by qualified persons.
- In the case of an installation that is **not** carried out in a single-family house, a clearly visible emergency stop switch must be fitted. The switch should be easily visible and accessible at a distance of approx. 1.50 m
- The product must always be equipped with a protective circuit.
- Proper wiring of the GFCI and the main connection strip of the control unit are relevant to safety!
- Check the legal requirements of the country. Use copper cables in the prescribed thickness (never aluminium).
- Only place the product on a safe, level and solid surface.
- The product is very heavy, to avoid injuries at least 2 - 3 persons are required for the transport and assembly of the product.
- Wear protective clothing such as safety shoes and protective gloves during assembly.
- Keep children away from the assembly area while assembling the product. The scope of delivery contains small parts that can be swallowed or cause serious injuries.

5.2. Structure of the product

- The product can be assembled with little effort. Follow the assembly instructions carefully. The function and safety of the product is not guaranteed if this is not observed.

Tighten hoses and clamps



Note

Before using the product, check that all flexible hoses and all clamps on water-carrying components are firmly connected. If the clamp or the connection can be moved, it must be tightened with a suitable tool.

To avoid unintentional water leakage or damage, a leakage test should be carried out before the installation is completed.

Tightness of the hoses



To prevent unintentional water leakage, the clamps should be checked for tightness before the final installation. If necessary, the clamps should be tightened slightly, but not too tightly.

Connection of the product



Connection work must be carried out by a qualified electrician in accordance with DIN VDE 0100.

The product must be connected to a permanent, permanently installed power supply that complies with the general damp room regulations. The following sketch (connection diagram) shows the connection variants for connecting your pool to the power supply.

When installing the electrical system, it is essential to ensure that the power connection complies with the applicable national regulations and that the voltage and frequency values specified by the manufacturer are strictly adhered to.

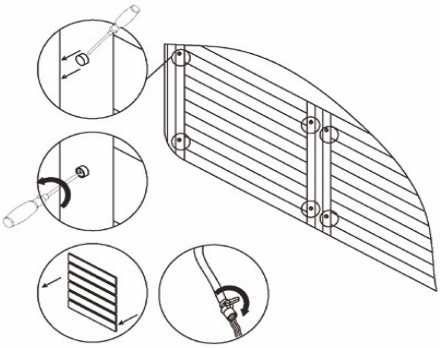
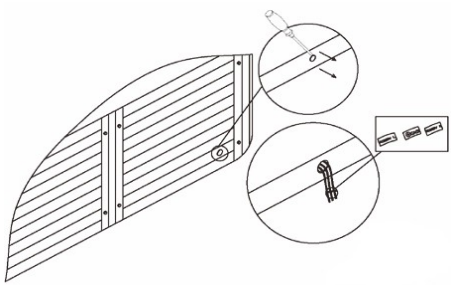
An all-pole disconnection with a contact opening width of at least 3 mm must be installed in the electrical building installation. This also applies to any additional and separately installed mains connection cables and their fuses. The protective conductor of the product must be connected to the protective conductor of the building installation.

Note

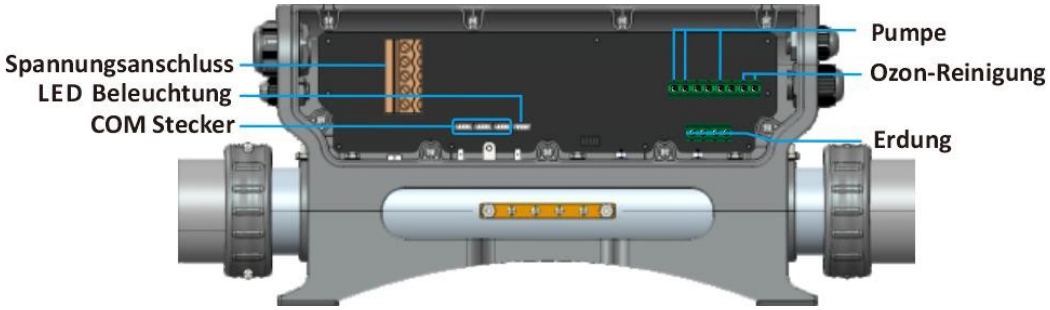
Independent modification of parts and electrical cables of the product by the customer is prohibited and will result in the loss of all warranty claims.

The mains cable is not included in the scope of delivery.

Remove the side panel for the electrical connection

Figure	Description
	The electrical connection is located in the side part, where there is a small opening for the cable feed-through and the water drain. Remove the caps from the screws. Loosen and remove the screws of the side panel. Remove the side panel.
	Pull the mains cable through the opening in the side panel. Connect the mains cable to the product (see connection diagram of the control unit). This **must be** done by a qualified electrician. After connecting the mains cable, the side cover must be refitted. This protects the electrical components from splashing water.

Wiring diagram of the control unit



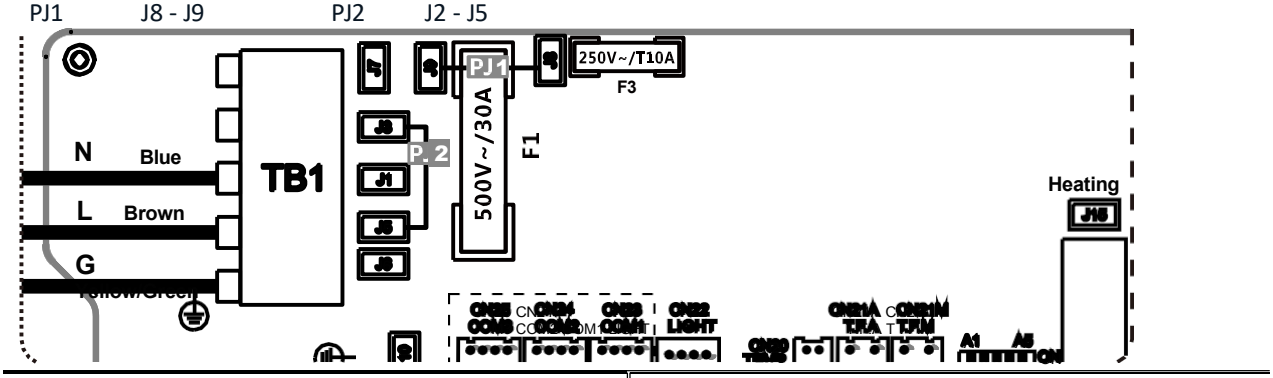
Note

Do not connect the power supply until the system is switched off. (Please ensure the correct position of the jumpers)

Circuit diagram control

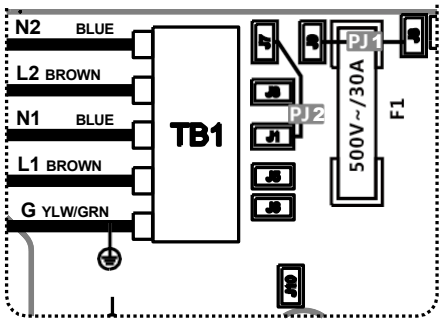
Input voltage: 220 - 240 V AC, 50/60 Hz, 1P x 32 A

Jumper	Position	Jumper	Position
PJ1	J8 - J9	PJ2	J2 - J5



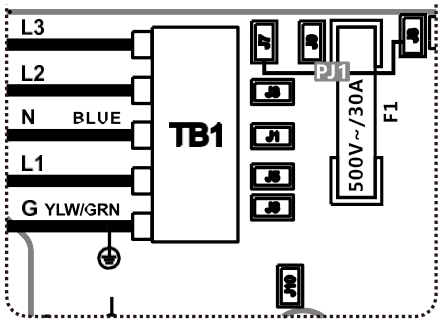
Input voltage: 220 - 240 V AC, 50/60 Hz, 2P x 16 A

Jumper	Position	Jumper	Position
PJ1	J8 - J9		PJ2J1 - J7



Input voltage: 400 V AC, 2P x 16 A

Jumper	Position
	PJ1J7 - J8



Power Limit Configuration

It may be necessary to set "**A2**", as the power cannot be limited ex works. If the customer wants the power to be limited, the dip switch "**A2**" must be set downwards. This prevents the heating and nozzle function/high speed from being switched on at the same time.
Configure position **A1** - **A5** according to the dip switch. S1 configuration on the control board.

Configuration

Dip switch A3 without function



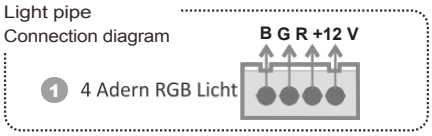
Master	▲ A1	**Slave**
No power limitation Fan	▲ A2	**Power limitation**
output setting	▲ A3	**output pump Save**
Pump 1 / Speed 1	A4 ▼	**setting**
	A5 ▼	**Pump 1 / Speed 1**

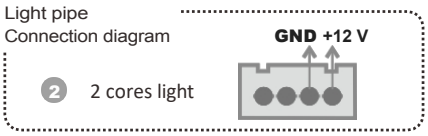
Note

Select the correct settings according to the parameter table. (Configure the settings **only** when the system is switched off).

Option: Heizungspumpe (Abhängig von Schalter A5)						
Umwälzpumpe		niedrige Pumpengeschwindigkeit				
PUMPE 1(1 SPD)	Umwälzpumpe	PUMP 1(2 SPD)	Umwälzpumpe	Gebläse (PUMPE 2)	LIGHT	OZONE
max. 10 A	max. 2.5 A	hoch: max. 10 A niedrig: max. 2.5 A	N/A	max. 10 A	12 V DC max. 15 W	max. 1 A
CN1 G-CN6	CN3 G-CN5	L (Hoch) - CN1 G-CN5 L (niedrig) - CN3 G-CN5		CN2 G-CN6	CN22	CN4 G-CN5

Wiring from the light





6. Application

6.1. Safety instructions

The following health and safety information must be read carefully.

Hint:

The product can be filled via a hose, as the product does not have an integrated water connection.

Attention! Do not plug the mains plug into the power supply until the product has reached "**max.**" is filled with water.

Risk of injury

Improper handling during operation can lead to injuries

- No modifications may be made to the product.
- If you are not sure that the product can or should be used, consult a doctor. If dizziness or a feeling of overheating occurs during use, leave the product immediately.
- People with cardiovascular problems, high blood pressure, diabetes or spasmodic veins should only use the product after consulting a doctor.
- Elderly people, with high blood pressure or cardiovascular problems should avoid high water temperature and be especially careful.
- Consult a doctor in case of skin diseases or changes before use.
- Never use the product under the influence of medication, drugs, alcohol or after intensive sports.
- Always make sure that the water level fills up to the "**max.**" mark.
- **Danger of slipping due to splashing water!** Watch out for slippery floors in the area around the product.
- **Danger of slipping!** When climbing the stairs, make sure you have a firm grip.
- **Danger to life due to electrical voltage**: Do not place any electrical devices in the immediate vicinity of the product.
- **Danger to life due to electrical voltage**: No electrical devices may be taken into the product.

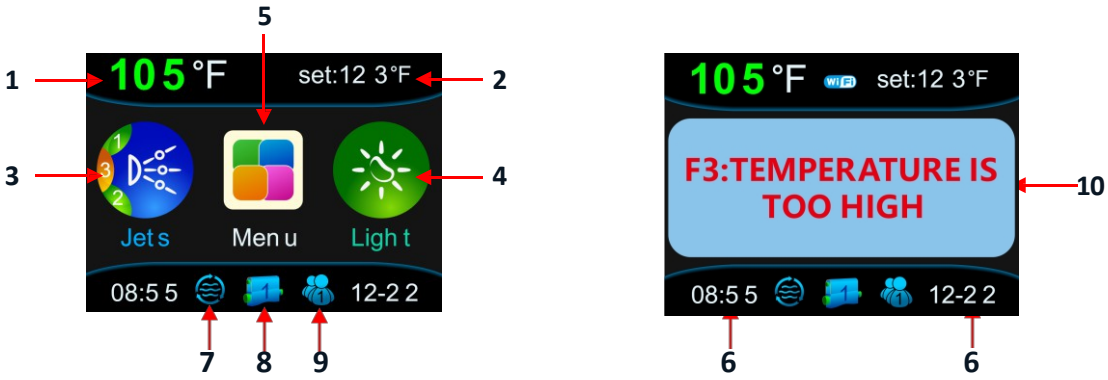


- **Danger to life from electrical voltage**: Live equipment accessible to the user must not exceed a voltage of 12 V. Earthed accessories must be permanently connected to fixed cables.
- Make sure the water temperature is appropriate.
- Check the fastening at regular intervals.
- Check the product for visible damage before each use.
- If the product is not used, whether filled with water or empty. We recommend that you put the thermal cover on. This prevents rapid soiling. The temperature of the water will not drop so much.
- Do not use the product in bad weather (e.g. thunderstorms, storms, etc.).
- Make sure that no hair gets tangled around the filters, as this can block the filters or other parts of the product. We recommend tying up long hair, for example.
- Avoid getting hair and dirt into the drain pipes, this can lead to blockages.
- Untreated wastewater (without chemical treatment) can basically be discharged without feeding it into the sewer. This water can be used for watering, for example.
- Water with added cleaning agents (chemically treated, e.g. oxygen tablets, etc.) must be discharged via an on-site waste water channel. In addition to these specifications, the legal requirements of the respective country must be met.
- The product may only be used by children under the supervision of an instructed adult person. The supervisor must be familiar with the warnings and they must be recognisable as such.
- Children must be supervised to ensure that they do not play with the product.
- Check the product for visible damage before each use.
- Live equipment that is accessible to the user must not exceed a voltage of 12 V. Earthed accessories must be permanently connected to fixed cables.
- Equipment containing electrical components, except remote controls, must be used or fixed in such a way that they cannot fall into the product.

6.2. Control element

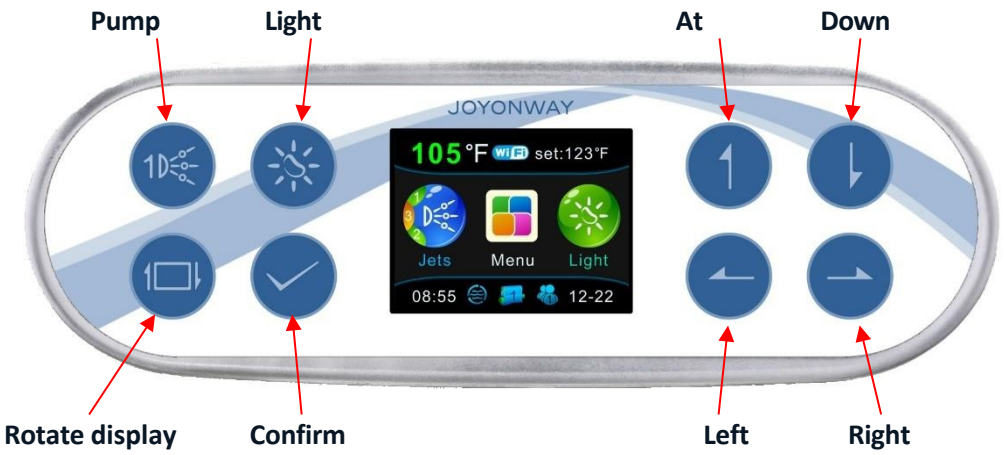
Display description





1	Current water temperature (°F or °C)	**6**	Time and date display
2	Selected water temperature (F° or C°)	**7**	Heating and circulating pump display
3	Water pump (switch on / switch off)	**8**	Tax system
4	Light (switch on / switch off)	**9**	User setting
5	Change menu	**10**	Display error message

Key description



Navigation buttons

The "**Up**", "**Down**", "**Left**" and "**Right**" keys can be used to select all symbols in the display. The "**Confirm**" key can be used to select through the menu.

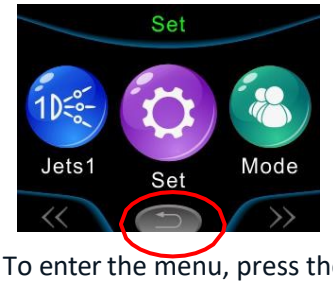
Quick access

The "**Pump**", "**Light**" and "**Rotate display**" keys can be used to set frequently used programmes more quickly. This means that you do not have to go to the menu to switch on the function.

- **Pump**: To switch on the pump, press the button once. If you want the pump to work harder, press the button again. Pressing the button a third time switches the pump off.
- **Light**: This button has a double function.
  - If the normal light setting has been set in the menu, the key can be used to switch the light on and off.
  - If the colour light therapy (colour change RGB) has been switched on. The key can be used to select between the following colours and switch on/off:
    1. Light A (automatic colour change)
    2. Light R (Red)
    3. Light G (Green)
    4. Light Y (Yellow)
    5. Light B (Blue)
    6. Light P (Purple)
    7. Light C (Turquoise)
    8. Light W (White)
    9. Light Off (off)
- **Rotate display**: Press this button to rotate the display. The direction of the navigation buttons is changed accordingly.

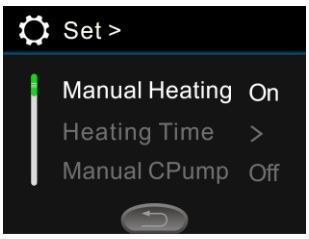
6.3. Operating the display

Menu setting



To enter the menu, press the "**Confirm**" button.
Several symbols are displayed in the menu. A symbol can be selected with the navigation keys. By pressing the back button (**see marking**) under the symbols, the menu is changed and it is possible to navigate back to the start page.
Now select the "**Set**" setting with the navigation buttons and confirm the selection with the **Confirm**" button. You can click through the settings with the "**Up**" and "**Down**" buttons. With the "**Confirm**" key, the function can be switched on or off for some settings. For other settings, you can navigate to another menu by pressing the "**Confirm**" key.

Heating setting manual



The heating can be switched on or off in the display.

If "**On**" is selected in Set mode, " " appears in the display. By pressing this symbol the heating can be switched on or off. Heating stops automatically after 24 hours if the heating is switched off.
heating is not switched off manually. Heating can then be switched on again after it has stopped automatically.

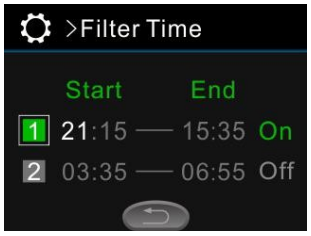


In the "**Set**" menu, navigate to the "**Heating Time**" sub-menu, where 2 different times can be selected. The two settings are independent of each other and the time settings can also overlap.
Example:
Select for **time (1)** 06.15 (Start) - 13.15 (End) and for **time (2)** 10.15 (Start) - 16.15 (End).
Heating starts at 06.15 hrs and ends at 16.15 hrs. If the start time is greater than the end time, the heating function runs until the second day (e.g. 20.00 - 10.00).
The two heating modes function independently of each other and can overlap, e.g. when heating manually and automatically stops after 8 hrs. The water is heated automatically during the selected times. We do not recommend activating manual heating if automatic heating is set.

When the green cursor is on the field " 1 " or " 2 ", press the "**Confirm**" button to set the time span as an "on" or "off" function. Press the "**Right**" button to enter the time setting. In the time setting, press the "**Confirm**" button to move the cursor. Press the "**Left**" or "Right**"** button to set the time. Press the "**Up**" or "**Down**" key to exit the set time period. The cursor jumps back to the left side. When the time setting is complete, press the "**Back" key to** return and save the setting.

Caution: To use the time setting correctly, the system time must be set correctly and confirmed. We recommend not to set the heating time above 24 hours.

Setting the cleaning time (filter)



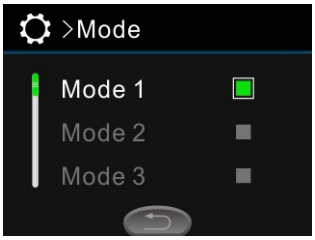
The time setting of the filter cleaning functions according to the same principle as the time setting of the heating function. Change the filter of the product (see installation instructions, care and cleaning instructions).

User defined programmes

Set functions can be saved in a programme according to your own wishes. Four memory locations (Mode 1, Mode 2, Mode 3 and Mode 4) are available for this purpose. There is also an OFF mode.

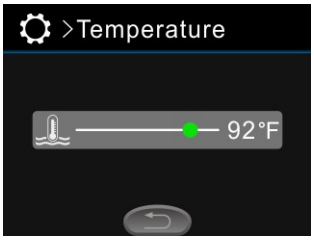
Saving the programmes

The following settings can be saved in the modes, status massage jets, lighting, ozone, brightness of the display and heating. After saving the settings, the symbol (**Mode**) can be selected in the menu. The memory locations (modes 1 - 4) can be selected with the navigation buttons. Select a memory location to save these settings. If a programme is selected, the rectangle lights up green. If all memory locations are occupied and the settings are to be changed, an existing memory location must be overwritten. No settings can be deleted, only overwritten.



Temperature setting

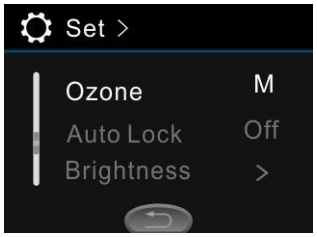
Select the menu for the temperature setting in the "**Set**" settings. By confirming the submenu "**Temp unit**" you can switch between Celsius and Fahrenheit.



The water temperature can be set with the temperature setting. The water temperature can be set between 10°C - 40°C using the navigation keys "**Left**" and "Right".
"**Right**". The selected water temperature is fixed as soon as the menu is exited. If the water temperature is lower, the heating starts automatically.

Ozone cleaning setting

The ozone cleaning can be set to automatic or manual.
Use the navigation buttons to select the "Ozone" menu in the "**Set"** settings. To switch between automatic or manual ozone cleaning, confirm the submenu "**Ozone**". The designation "**M**" means "manual". The designation "**A**" means "automatic" and is preset at the factory and works together with the filtering. If manual is set, the corresponding symbol lights up in the start screen.



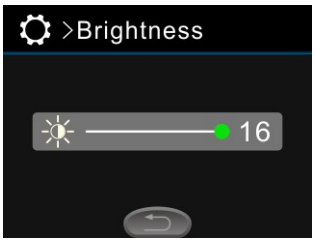
Hint:
Ozone is a disinfection system, it sterilises the water. The technology uses the high voltage ionisation method to convert some of the oxygen in the air into ozone with a certain smell, then bubbles are formed from the ozone jet and the bubbles are persistently fine and smooth.

Setting automatic key lock

To prevent settings from being changed unintentionally, set the automatic key lock. In the "**Set**" settings, select the automatic key lock "**Auto Lock**" with the navigation keys. The automatic key lock can be deactivated or set to 30 sec, 1 min or 3 min.
If the automatic lock is set to 30 seconds and the keys are not pressed for 30 seconds, the key lock becomes active. The key lock is released after one key has been pressed for 3 seconds.

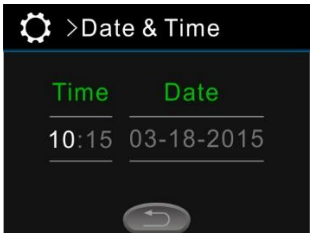
Setting the brightness

The brightness of the display can be adjusted according to your wishes. Select the brightness setting in the "**Set**" settings and determine the brightness with the "**Left**" or "**Right"** button. The brightness level is set as soon as you exit the menu.



Date and time

The time setting is very important for the control system, all time functions (e.g. the heating and the circulation pump) are oriented to it. Select the date and time setting (Date & Time) in the "**Set" settings.** Press the "**Confirm**" button to switch between the time and the date. The time and date can be set with the "Left" and "Right" keys. The setting is accepted when you exit the menu.



Function

The function is used to set the control system and panel ID settings. If the control system can be set (see description under Connecting and setting the control system), find the item "**Function**>>" in the menu, press "**up**" or "**down" to** move the cursor to the item "**Function**>>" and then press "**confirm**" to enter the menu Set-> Function.

In the menu "Set-> **Function**" there are a total of 12 entries. These are (Pump) Jet 1, Jet 2, Jet 3, Jet 4, Light, Fan, Water Cycle Ozone, Independent Cycle, Heat, Water Level and Panel ID.

Function manual knobs

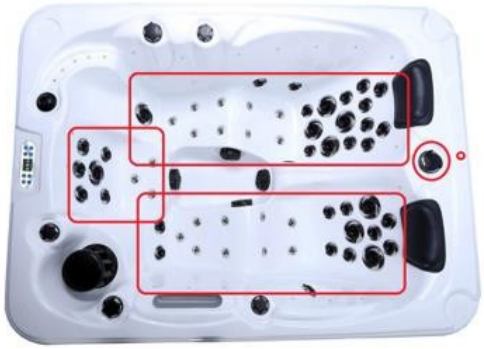
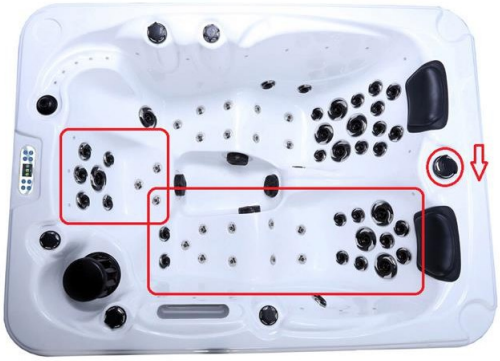
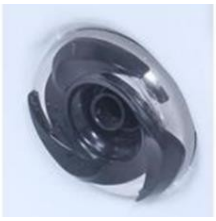
Figure	Description
	The rotary control is in the middle position. The area marked in red is activated.
	Turning the control from the middle position to the left activates the area marked in red.
	Turning the control from the middle position to the right activates the area marked in red.

Figure	Description
	Turning the control from the middle position to the right or left activates the intensity of the nozzle pressure in the area marked in red.
	Turning the control from the middle position to the right or left activates the intensity of the nozzle pressure in the area marked in red.
	Turning the control from the middle position to the right or left activates the intensity of the nozzle pressure in the area marked in red.
	Turning the knob starts the water fall. Depending on the position of the controller, the intensity can be varied.

Figure	Description
	Turning the knob starts the water flow. The strength can be regulated according to the position.
	The intensity of the nozzle pressure of all the marked whirlpool nozzles can be adjusted individually by turning the outer decorative ring. In addition, the direction of these jets can also be adjusted in a small radius.

Adjust nozzles

The intensity of the jet pressure of the whirlpool jets can be adjusted individually by turning the outer decorative ring; the direction can also be adjusted in a small radius. The jet function switches off automatically after 30 minutes.



6.4. Insert or change filter

Putting the filter cartridge into operation

The filter cartridge is already in the filter container provided on delivery. Before use, it must be removed from the container, the packaging film removed, the filter cartridge soaked and reinstalled.

Note

Before using the filter cartridge, it should be soaked for at least 30 minutes. The filter cartridge must be fully inserted and screwed in, tighten it carefully by hand, making sure that it is not too tight.

Figure	Description
	**Open and change the filter container:** To change the filter, turn the cover cap slightly to the right and remove it.
	The cartridge fastener has a small recess on the outer edge. This is turned to the corresponding groove until it can be pulled out upwards.
	The paper filter can now be inserted into the opening and placed in a slightly central position. The cartridge fastener is now placed on the filter and fastened under the groove with a slight turning movement. Finally, put the cover cap back on with a slight turning movement to the left.

Thermal cover

The product is equipped with a protective cover. This protects against contamination when not in use. In addition, it has very good insulating properties due to its wall thickness, so that the temperature of the heated water drops much more slowly and the water heats up more quickly. It can be folded in the middle to make it easier to put on or remove.
Due to its own weight, it only needs to be additionally fastened to the eyelets in high winds.



Fill product with water

Fill water into the product: Open the filter container. Remove the filter cartridge, fill the product by inserting a garden hose into the filter container and letting water in.

Note

If air is trapped in the filter system, the pumps are prevented from functioning properly. Fill the product until the water level is about 15 cm from the top. If the water level is too low or too high, your product will not work properly.

Do not fill the product with soft water, this will prevent the correct water quality from being maintained. This may damage the product and invalidate the warranty. The product can be filled with well water provided the following conditions are met:

Use a pre-filter to filter the well water during refilling. The pre-filter is placed before the product filter. After filling, but before using the product, the water should be tested for total dissolved solids (TDS) and metals.

Prefilling the pump

When the product is started for the first time, difficulties may occur. The pump starts and does not prime.

When filling the product, air was trapped in the pump. This is noticeable in that after filling and starting the product, the pump does not work properly, i.e. the pump runs but the water does not move. If air is trapped, the pump will not work. Continued operation of the pump will cause damage. Filling the product must be done through the filter tank and make sure that all nozzles are open.

Adjust water quality: Test and adjust the water quality.

When pre-filling is complete, activate the heating and allow the product to heat up. Place the cover on the product and let it heat up to the set temperature.

Empty product

Figure	Description
   	**Remove water from the product** The product is equipped with a drainage device. This is attached to the side of the outer skirt. ɛtely. In No water escapes in this position. Then unscrew the cover cap. Only when the screw cap is pressed towards the apron does the water start to run off. The drain is closed in reverse order. For water drainage via a hose, screw this adapter onto the screw device.

LED lighting

The LED lighting included is for scene/accent lighting only and is not suitable for other applications.

7. Troubleshooting

Error message	Error description	Solution
E1	Malfunction of the temperature sensor	Check that the connections are inserted correctly and that there is a connection. Contact the customer service or a specialist.
E2	Temperature exceeds the set range	Check that there is enough water in the whirlpool. Make sure. Make sure that the water in the whirlpool does not freeze. If this error continues to occur, contact customer service or a specialist.
E4	Thermostat connection failure	If there is an interruption in the thermostat, the temperature on the heating pipe is too high. Please check that there is enough water in the whirlpool tub. If the error persists, contact the customer service or a specialist.
E5	Malfunction of control panel/control	Check the connection between the control panel and the control unit. If any parts are defective, they must be replaced immediately. Contact the customer service or a specialist.
F1:	The temperature sensor is not connected	Check that the sensor is correctly connected to the system. Replace temperature sensor. Contact a specialist or our customer service.
F2	The temperature sensor is short-circuited	Check all connections. Contact a specialist or our customer service. Replace temperature sensor.
F3	The temperature is too high	Check that there is enough water in the product when the heating is switched on. Contact a specialist or our customer service.
F4	The temperature is too low	Check that the water in the product does not freeze.
F5	The temperature in the heating pipe is too high.	Check that there is enough water in the product when the heating is switched on. Check that the heating circuit is free. Contact a specialist or our customer service.

Error message	Error description	Solution
F6	Thermoswitch with manual reset is open	The heating pipe temperature is too high. Contact a specialist or our customer service.
F8	The product is connected and detects that the system has a problem with the EEPROM.	Disconnect the product from the power supply, wait min. 10 sec, reconnect. If the error still occurs, contact the customer service or a specialist.
F9	The product is connected, the system reads the control. If there is a problem here, this error message is displayed.	Disconnect the product from the power supply, wait min. 10 sec, reconnect. Contact a specialist or our customer service if the error continues to occur.
F10	There is a communication error between the display and the control unit.	Switch off the power supply. Check the connections between the operating element and the control unit to ensure that they are firmly connected and not damaged. Replace the control unit. Contact a specialist or our customer service.

Error message	Solution
F5	**Error F5 Special features** **For new pools** - Fill water into the pool, do not use any function, remove the new filter from the filter container, clean the pool and drain the water. - Fill the pool with clean water until all the jets are covered, make sure the water temperature does not exceed 40°C. - Replace the filter and let the pump run for about 5 minutes before using the heating function. - When F5 is shown in the display, loosen the clamp of the heater, let the water run in for 10 sec. to vent the pipes, then tighten the thread again. - Let the circulation pump run for approx. 30 minutes, then F5 goes out in the display.  **Reminder:** - **Attention:** Open the pump approx. 5 min. before using the heating function. - Fill the pool with clean water at a temperature of no more than 40°C.

Error message	Solution
F5	**For already installed products** - Check if the filter is dirty and clogged, clean or replace the filter. - Remove the filter and run the circulation pump for approx. 30 min to check if F5 goes out. - If this is not the case, loosen the clamp of the heater to release the air in the pipe, as in step 4 for a new pool. - Let the circulation pump run for approx. 30 minutes, then F5 goes out in the display. **Reminder:** - **Caution:** Open the pump for approx. 5 min. before using the heating function. - Fill the pool with clean water at a temperature of no more than 40℃.

If another problem occurs with the product, contact us.

8. Maintenance and care

8.1. Safety instructions

Risk of injury

Improper handling during operation can lead to injuries



- Improper handling can lead to considerable personal injury and damage to property. For this reason, maintenance may only be carried out by qualified persons.
- **Danger to life due to electrical voltage**: Repair and maintenance work on the electrical system may only be carried out by a qualified electrician.
- Before cleaning/maintenance/care, switch off the power supply to the product and remove the plug from the socket.
- Use a soft cleaning cloth.
- Use a neutral detergent for cleaning the product. Do not use acidic, strongly alkaline cleaning agents and organic solvents (e.g. alcohol, chlorine, Tiana water, ammonia, acetone, etc.) for cleaning.
- Clean the nozzle controllers on the edge of the product with water only and then dry them carefully.
- If the product is not used, whether filled with water or empty. We recommend putting on the thermal cover. This prevents rapid soiling.
- Do not remove the skirt of the product and do not carry out maintenance without a competent professional.

Water care and hygiene

Disinfectants kill bacteria and viruses and keep the water clean. A low disinfectant content allows microbes to grow quickly in the water.
We recommend using either chlorine or bromine as a disinfectant. A shock must also be added to the water to stimulate the chemical disinfectant. How much is used and how often depends on the frequency and intensity of use.

Chemical equilibrium

The chemical balance of the water must be tested and adjusted. This must be done regularly. The degree of calcium hardness, the total alkalinity and the pH value must be tested. Owners with a bromine generator must also check this.

Filtration

Regular cleaning of your filter is the simplest and most effective single measure to keep the water clear. A clogged or dirty filter cartridge will cause the heater and pump to work harder than necessary, potentially leading to failure. The heating system of the whirlpool tub only works if the correct amount of water flows through the system.

Regular controls

Clear water requires regular maintenance. Establish a routine based on a regular water care schedule for the product.

Maintaining the water quality helps to ensure that the product can be enjoyed and prolongs its life.

Removing and inserting the nozzles

Figure	Description
	**Remove nozzles** Grasp the nozzle to be replaced and turn it counter-clockwise until it can be removed.
	**Insert nozzles** Insert the new nozzles and turn the clockwise until the nozzles can still be turned half a turn. The nozzles must **not** be turned too tightly.

8.2. Cleaning

Due to the constant wear and tear on the thermal cover and cushions, a vinyl and leather cleaner should be applied as part of monthly maintenance. Use a care product specifically designed to protect and prevent damage to thermal covers and cushions from chemicals and UV light that does not leave an oily residue.

Note
Do not use automotive vinyl protectants on the thermal covers or pads. These care products are generally oil-based and cause serious water purity problems that are difficult to correct.

Cleaning the tub

Each time the product is emptied, the tub should be cleaned with an all-purpose cleaner and a coat of surface protector applied before filling.

Use a non-abrasive but mild cleaner with little detergent, specially developed for cleaning the tub without damaging the acrylic surface.

Use a non-oil based surface protector specifically designed to protect the surface of the tub from chemicals and minerals associated with normal use of the spa.

Wintering tips

Wintering without water in the product

Disconnect the product from the power supply. The water must be completely drained from the tub (see "Water drainage of the product"). Dry the nozzles, the pipes, the pumps and the control unit. Remove and completely dry degradable components such as nozzles and pipes. The remaining water can be removed from the tank with the help of a submersible pump.

Replace LED lighting

The LED lighting can be replaced after consulting and following instructions from the manufacturer.



This may only be replaced by a qualified electrician.

9. Disassembly

9.1. Safety instructions

Risk of injury
Improper handling during disassembly can lead to injuries



- **Danger to life due** to **electrical voltage**: Disconnect the product from the power supply before disassembly. Contact with live components may cause an electric shock, resulting in burns or death.
- The product has a high weight and large dimensions, at least 2 - 3 persons are required for disassembly.
- Secure the product before disassembly.

Disassembly of the product must be carried out in reverse order to assembly. (**see chapter Assembly**)

10. Disposal



- Dispose of the product and all components in accordance with local and national regulations, thus avoiding damage to the environment.
- Our packaging is made from environmentally friendly materials. They can be recycled and thus serve as valuable raw materials. Dispose of the packaging material (cardboard boxes, dirty packaging etc.) separately and properly in accordance with the applicable national regulations.
- Contact the manufacturer if you are unsure about disposal.
- You can also obtain information on proper disposal from your local waste disposal centre.

Electrical and electronic equipment - Information for private households

The Electrical and Electronic Equipment Act (ElektroG) contains a large number of requirements for the handling of electrical and electronic equipment. The most important ones are summarised here.

1. Separate collection of waste equipment

Electrical and electronic equipment that has become waste is referred to as WEEE. Owners of WEEE must dispose of it separately from unsorted municipal waste. They must separate used batteries and accumulators that are not enclosed in the WEEE, as well as lamps that can be removed from the WEEE without destroying it, from the WEEE without destroying it before handing it in at a collection point. Separate old appliances to prepare them for reuse.

2. Options for returning old appliances

Owners of old appliances from private households can hand them in at the collection points of the public waste management authorities or at the take-back points set up by manufacturers or distributors in accordance with the Elektro G. An online list of collection and take-back points can be found on the website: or . An online list of collection and take-back points can be found on the website: https://www.stiftung-ear.de or https://www.take-e-back.de.

3. Data protection notice

Old devices often contain sensitive personal data. This applies in particular to information and telecommunication technology devices such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the old devices to be disposed of.

4. Distributors' take-back obligation

Distributors with a sales area for electrical and electronic equipment of at least 400 m^2 as well as distributors of food with a total sales area of at least 800 m^2 , who offer electrical and electronic equipment several times per calendar year or permanently and make it available on the market, are obliged,

- when supplying a new EEE to an end-user, to take back free of charge at the place of supply or in the immediate vicinity thereof an old EEE of the end-user of the same type which fulfils substantially the same functions as the new EEE; and
- to take back, at the end-user's request and free of charge, WEEE that does not exceed 25 cm in any external dimension in the retail outlet or in the immediate vicinity thereof; the take-back may not be linked to the purchase of an EEE and is limited to three WEEEs per type of equipment.



5. Meaning of the "crossed-out dustbin" symbol

The symbol of a solid waste bin regularly displayed on electrical and electronic equipment indicates that the respective device is to be collected separately from unsorted municipal waste at the end of its service life.

- Manufacturer registration number
- As a manufacturer in the sense of the ElektroG, we are registered with the responsible Foundation Elektro-Altgeräte Register (Nordostpark 72, 90411 Nürnberg) under the following registration number: WEEE Reg. No. DE86467979

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