

OPERATING INSTRUCTIONS

for whirlpools – electronic Vision series



Please be sure to read the operating instructions carefully before using the whirlpool!

Make sure that you observe the care instructions!

RepaBAD cannot be held liable for damages caused by inappropriate use.

CONGRATULATIONS!

You have chosen an innovative, premium product from Repabad.
Our products combine impressive technology with ease of use.

Please read these operating instructions carefully, so that you can best use the whirlpool to improve your well-being and enjoy the product for many years to come.



Gunther Stolz

Managing Director, Repabad GmbH



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01 SAFETY INFORMATION



Danger to life! Danger of electric shock!

Ensure that no electrical devices are operating within the whirlpool or in close proximity while using it. If there is contact between an electrical device which is plugged in and water or when bathing, fatal electric shocks may occur.

With appropriate supervision, this product can be used by children from age 8 and persons with reduced physical, sensory or mental capacity, as well as those without knowledge and experience of the product. Do not allow children to play with the product. Do not allow children to clean and perform maintenance on the product without supervision.

Anybody with a healthy cardiovascular system can use the whirlpool. If you are uncertain or if you have questions, please consult your doctor.

Avoid using the whirlpool after consuming alcohol or directly after eating. This could stress the cardiovascular system.

Do not use the whirlpool if you have a cold, infectious diseases, open wounds or inflammations. We recommend waiting until you have fully healed before using it.

Only use Repabad whirlpool bath additives. Using other bath additives risks damaging the whirlpool.

Depending on the frequency of use, you should disinfect the whirlpool roughly every 4 weeks. Only use Repabad disinfectant (art. no. 0002511). If other bath agents are used, you run the risk of damaging the whirlpool.

02 WELLNESS TIPS

The human body finds a water temperature between 35 and 36°C to be most pleasant.

At a water temperature of 36°C, the bath duration should not exceed 20 minutes. At a water temperature of 38°C, you should bathe for no more than 10 minutes.

In order to become accustomed to the invigorating massage effect, keep the massage time short initially.

The massage duration can be increased over time to suit your preference. After use, you should rest for at least as long as the time spent bathing.



03 WHIRLPOOL DESIGNS

Repabad whirlpools can be equipped with four different whirlpool systems:

Air system (Vision 500)

The whirlpool with an air system is equipped with a fixed fan installed under the bathtub. Preheated air is blown from the fan into the bathtub via air nozzles. Use the control elements to control the fan. *For a description of the nozzles, please refer to page 21.*

Jet system (Vision 700)

The whirlpool with a jet system is equipped with a fixed jet pump installed under the bathtub. The jet pump draws in the bath water and directs it into the bathtub via jet nozzles or micro jet nozzles. The jet pump is controlled via the control panel. The aeration is switched on and off using a key. *For a description of the nozzles, please refer to page 22.*

Air and jet system (Vision 1000)

The whirlpool with a combined air and jet system is equipped with a fixed fan and a jet pump installed under the bathtub. Preheated air is conveyed from the fan into the bathtub via air nozzles. The jet pump draws the bath water in and directs it into the bathtub via jet nozzles and micro jet nozzles. The aeration is switched on and off via a control panel. *For a description of the nozzles, please refer to page 21/22.*

Champagne system (Vision 1000)

The Champagne system whirlpool is equipped with a fixed fan installed under the bathtub and a jet pump. The Champagne system whirlpool has combined air and water nozzles in the bathtub base area: the Champagne nozzles. As for the air system, they are used to convey preheated air to the bathtub when the fan is switched on. However, if the jet pump is switched on, the rising air bubbles are split by the finest of water jets, forming millions of fine beads – the “Champagne-effect” sets in. At the same time, the intake water is conveyed to the bathtub via the jet nozzles and micro nozzles. *For a description of the nozzles, please refer to page 21/22.*

04 OPERATION WITH THE CONTROL PANEL

Three different control elements and electronic controllers are available for the whirlpool systems.

Vision 500

The whirlpool is operated using the Vision 500 control panel. The control panel is used to switch the fan on and off. It is infinitely adjustable.

If whirlpool lighting (a special accessory) is fitted, you can switch it on or off.

The "fresh water rinse" function (a special accessory) is controlled via the control panel.

You can also use the control panel to select from two different whirlpool massage programmes.

Vision 700

The whirlpool is operated using the Vision 700 control panel. Use the control panel to switch the jet pump on and off. It is infinitely adjustable.

If whirlpool lighting (a special accessory) is fitted, you can switch it on or off.

The aeration is switched on via key.

If supplementary heating (a special accessory) is fitted, it is activated automatically when the jet pump is switched on.

The "Automatic disinfection" and "Fresh water rinsing" functions (both special accessories) are controlled via key.

You can also use the control panel to select from two different whirlpool massage programmes.

Vision 1000

The whirlpool is operated using the Vision 1000 control panel. You can switch the fan and jet pump on and off using the control panel. The massage intensity can be precisely regulated with both systems.

If whirlpool lighting (a special accessory) is fitted, you can switch it on or off.

The aeration is switched on via key.

The supplementary heating (a special accessory) is automatically activated when the jet pump is switched on. The target temperature can be set and the current water temperature is shown on the display.

The "Automatic disinfection" and "Fresh water rinsing" functions (both special accessories) are controlled via key.

You can also use the control panel to select from six different whirlpool massage programmes.

"Night design" control panel illumination

All three control panel types have individual keys which remain subtly illuminated for some 60 minutes after the last input. Power consumption for this is extremely low (LED technology).

05 BEFORE USE

- Rinse out the whirlpool with cold water.
- Close the bathtub drain.
- Fill the whirlpool with hot water.

Important: Since the piping system must be partially filled with water before the bathtub can be filled, it takes some time for the water to visibly collect in the tub.

To enable the use of all functions, fill the whirlpool up to around the overflow with the user(s) inside.

06 DURING USE

Operation with the Vision 500 control panel



The keylock is activated when the  key flashes, irrespective of which key is pressed. All functions are blocked (please refer to the following page).

You can select a function by pressing the corresponding key. The key is illuminated for as long as the function is active.

The corresponding keys are also illuminated for functions which are selected by the massage programme.

If a key flashes quickly after being pressed, it is not possible to carry out the function selected. This is because one of the conditions necessary for the function has not been met, such as not enough water in the whirlpool.



Turns the air massage on or off when output is set to medium (even when the tub is empty). A few minutes after the bath, when the bath water has drained off, the key flashes until the blow-out and fresh water rinsing (special accessories) automatic programmes are completed.

⊕	Increases the intensity of the air massage (if the air massage is on). The key illuminates if pressed and flashes when the maximum value is reached.
⊖	Reduces the intensity of the air massage (if the air massage is on). The key illuminates if pressed and flashes when the minimum value is reached.
*	Press once to turn on the LED whirlpool lighting (optional). Press again to set the next colour. After pressing for a sixth time, the colours begin to change automatically, starting with magenta. Press again while the colours are alternating to choose the colour. The key flashes slowly. Press again to restart the colour change process. Press and hold to turn off the LED whirlpool lighting.
~	Switches the air massage interval function on (only if there is water in the bathtub). If the air massage is off, it is turned on when the interval function is activated. If the interval function is activated, the ⊕ key is illuminated as intensity increases and the ⊖ key as it decreases.
P1 P2	Switches the whirlpool programme P1 Soft or. P2 Power on (only if there is water in the bathtub); programme duration approx. 15 minutes. Any active massage or programme is switched off first. Start the programme again by pressing P1 or P2 again. The P1 or P2 key is illuminated when the programme is running. Functions activated by the programme are indicated by the ~, ⊕ and ⊖ keys, which are lit up accordingly. The current programme can be stopped at any time by pressing P1 or P2.
⌚	Switches fresh water rinsing (a special accessory) off manually if the bathtub is empty. Please also refer to page 18. The key is illuminated if automatic fresh water rinsing (a special accessory) is activated several minutes after emptying the bathtub. Automatic fresh water rinsing cannot be interrupted.
	The keylock is activated when the ⌚ key flashes, irrespective of which key is pressed. All functions are blocked.
<p>Keylock</p> <p>The keylock can be activated to prevent accidental or unauthorised activation of whirlpool functions (e.g. by children).</p> <p>Activating the keylock: Press and hold the ⊖ key until the ⌚ key flashes.</p> <p>Deactivating the keylock: Press and hold the ⊕ key until the ⌚ key no longer flashes.</p>	
The current keylock status is maintained even if the device is disconnected from the electrical power supply.	

Operation with the Vision 700 control panel



The keylock is activated when the  key flashes, irrespective of which key is pressed. All functions are blocked (please refer to the following page).

If a function is selected by pressing a key, this key is illuminated as long as the function is active.

The corresponding keys are also illuminated for functions that are selected by the massage programme.

If a key flashes quickly after being pressed, it is not possible to carry out the function selected. This is because one of the conditions necessary for the function has not been met, such as not enough water in the whirlpool.



Turns the jet massage on and off (only when the tub is full). Press the key again to switch the interval function (increasing and decreasing massage intensity) on. Press the key a third time to switch the jet massage off again. If the interval function is activated, the  key is illuminated as intensity increases and the  key as it decreases.



Increases the jet massage intensity (if the jet massage is on). The key illuminates if pressed and flashes when the maximum value is reached.



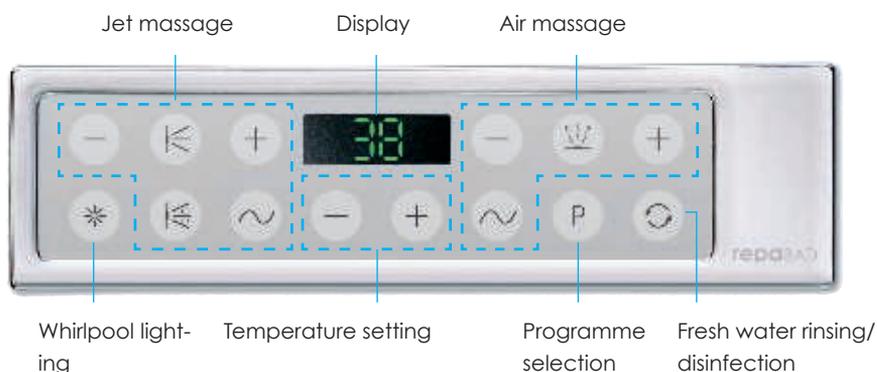
Decreases the jet massage intensity (if the jet massage is on). The key illuminates if pressed and flashes when the minimum value is reached.



Press once to turn on the LED whirlpool lighting (optional).
Press again to set the next colour.
After pressing for a sixth time, the colours begin to change automatically, starting with magenta.
Press again while the colours are alternating to choose the colour. The key flashes slowly.
Press again to restart the colour change process.
Press and hold to turn off the LED whirlpool lighting.

	<p>Turns the aeration on or off. Adding air increases the intensity of the massage. If the jet massage is off, activating the aeration also turns on the jet massage (only when the tub is full).</p>
 	<p>Switches whirlpool programme P1 Soft or P2 Power on (only if the bathtub is full); programme duration approx. 15 minutes. Any active massage or programme is switched off first. Start the programme again by pressing  or  again. The  or  key is illuminated when the programme is running. Functions activated by the programme are indicated by the key ,  and , which illuminate accordingly. The current programme can be stopped at any time by pressing  or .</p>
	<p>Switches fresh water rinsing (special accessory) on and off when the tub is empty (please refer to page 18). Switches the disinfection system (special accessory) on and off when the tub is full (press and hold the key for at least 5 seconds, please refer to pages 16/17). The key is illuminated when the (special accessory) fresh water rinsing or the disinfection system is activated.</p> <p>The keylock is activated when the  key flashes, irrespective of which key is pressed. All functions are blocked.</p>
<p>Keylock The keylock can be activated to prevent accidental or unauthorised activation of whirlpool functions (e.g. by children).</p> <p>Activating the keylock: Press the  key until the  key flashes. Deactivating the keylock: Press and hold the  key until the  key no longer flashes.</p>	
<p>The current keylock status is maintained even if the device is disconnected from the electrical power supply.</p>	
<p>Set the direction of the massage jet by swivelling the jet nozzles or micro jet nozzles.</p>	
<p>The supplementary heating (special accessory) is automatically switched on or off with the jet massage. The supplementary heating keeps the bath water hot.</p>	

Operation with the Vision 1000 control panel



<p>The keylock is activated when the display shows -- , irrespective of which key is pressed. All functions are blocked (please refer to page 13).</p>	
<p>You can select a function by pressing the corresponding key. The key is illuminated for as long as the function is active.</p>	
<p>The corresponding keys are also illuminated for functions which are selected by the massage programme.</p>	
<p>If a key flashes quickly after being pressed, it is not possible to carry out the function selected. This is because one of the conditions necessary for the function has not been met, such as not enough water in the whirlpool.</p>	
<p>Jet massage</p>	
	<p>Turns the jet massage on and off (only when the tub is full). Press and hold to activate the (+) and (-) keys for setting the temperature.</p>
	<p>Increases the jet massage intensity (if the jet massage is on). The key illuminates if pressed and flashes when the maximum value is reached.</p>
	<p>Decreases the jet massage intensity (if the jet massage is on). The key illuminates if pressed and flashes when the minimum value is reached.</p>
	<p>Turns the aeration on or off. Adding air increases the intensity of the massage. If the jet massage is off, activating the aeration also turns on the jet massage (only when the tub is full).</p>
	<p>Switches the jet massage interval function (increasing and decreasing massage intensity) on when the bathtub is full. If the jet massage is deactivated, it is activated with the interval function. If the interval function is activated, the (+) key is illuminated as intensity increases and the (-) key as it decreases.</p>
<p>The direction of the massage jet is set by swivelling the jet nozzles or micro jet nozzles.</p>	

Air massage	
	Turns the air massage on or off when output is set to medium (even when the tub is empty). A few minutes after the bath, when the bath water has drained off, the key flashes until the blow-out and fresh water rinsing (special accessories) automatic programmes are completed.
	Increases the intensity of the air massage (if the air massage is on). The key illuminates if pressed and flashes when the maximum value is reached.
	Reduces the intensity of the air massage (if the air massage is on). The key illuminates if pressed and flashes when the minimum value is reached.
	Activates the interval function for the air massage (only when the tub is full). If the air massage is off, it is turned on when the interval function is activated. If the interval function is activated, the  key is illuminated as intensity increases and the  key as it decreases.

Temperature setting (only with supplementary heating special accessory)	
Use the  and  keys beneath the display to set the temperature. Activate the keys by pressing and holding the  .	
	Press once to increase target temperature by 1°C (setting range 10-42°C)
	Press once to reduce target temperature by 1°C (setting range 10-42°C)
The bath water temperature is shown on the display during normal operation. The desired temperature is displayed and can be adjusted when the  and  keys are activated. Approximately 4 seconds after the last target temperature change, the display switches back to the actual temperature. If the bath water temperature is lower than the target temperature when the heating is on, this is shown by a dot after the temperature display. When the jet massage is switched on, the supplementary heating (a special accessory) is also switched on and the water heated to the desired temperature.	

Further functions	
	<p>Opens the massage programs. When first pressed, the P1 Vital programme. Keep pressing  to cycle through the programmes (P2, P3, P4, etc.). The programme selected is started automatically if you do not press  again for approx. 3 seconds. The respective programme number is shown on the display. The programme takes approx. 15 minutes.</p> <p>Any active massage or programme is switched off first. Select the programme again by pressing  again. The  key is illuminated while the programme is running. Functions activated by the programme are indicated by the ,  and  keys, which are lit up accordingly. The current programme can be terminated at any time by pressing .</p>
	<p>Press once to turn on the LED whirlpool lighting (optional).</p> <p>Press again to set the next colour.</p> <p>After pressing for a sixth time, the colours begin to change automatically, starting with magenta. Press again while the colours are alternating to choose the colour. The key flashes slowly. Press again to restart the colour change process. Press and hold again to switch off the LED coloured light.</p> <p>Press and hold to turn off the LED whirlpool lighting.</p>
	<p>Switches fresh water rinsing (special accessory) on and off when the tub is empty (please refer to page 18).</p> <p>Switches the disinfection system (special accessory) on and off when the tub is full (press and hold the key for at least 5 seconds, please refer to pages 16/17).</p> <p>The key is illuminated when the (special accessory) fresh water rinsing or the disinfection system is activated.</p>
	<p>The keylock is activated when the  key flashes, irrespective of which key is pressed. All functions are blocked.</p>
<p>Keylock</p> <p>The keylock can be activated to prevent accidental or unauthorised activation of whirlpool functions (e.g. by children).</p> <p>Activating the keylock: Press the air massage  key until -- is shown on the display ( is illuminated).</p> <p>Deactivating the keylock: Press the air massage  key until a temperature is shown on the display ( is illuminated).</p>	
<p>The current keylock status is maintained even if it is disconnected from the electrical power supply.</p>	

Automatic filling (Vision 1000 only)

If the bathtub is empty, start automatic filling by pressing the  key.

- Keep the  key pressed for at least 2 seconds. Automatic filling starts and the  key is illuminated.
- Press the  key again to stop automatic filling.

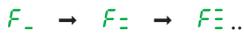
During filling, the following appears in the display:

-  Automatic filling running
-  Level control reached
-  Filling switches off, display switches to show temperature

After automatic filling switches off, you can continue to fill the bathtub by pressing and holding the  key. This runs for as long as the  key remains pressed.

Supplementary heating (a special accessory)

The supplementary heating (optional), if installed, is automatically switched on or off with the jet system. The supplementary heating is not appropriate for heating cold water (e.g. from 20°C to 38°C). The supplementary heating keeps the bath water at the target temperature set (setting range 10-42°C). The latest set target temperature also remains set after disconnection from the electrical power supply.

Screen display	
	The current water temperature (with a full bathtub) is shown as standard. 38°C in this case.
	There is not enough water in the whirlpool to use a function such as the jet massage. Fill the whirlpool.
	There is not enough water in the whirlpool to use a function such as fresh water rinsing. Draining off water.
	Display during automatic blow-out
	Unavailable function selected (e.g. whirlpool lighting or supplementary heating) or keylock active
	Fresh water rinsing manually activated.
<p>After emptying the bathtub, automatic blow-out and automatic fresh water rinsing (a special accessory) is activated. This programme cannot be interrupted.  is shown on the display (with a flashing dot). Please also refer to pages 16 and 18, fresh water rinsing.</p>	

Whirlpool programmes (Vision 1000 only)

All programmes have a running time of 15 minutes. After this, the whirlpool switches off automatically. The remaining running time is shown on the display in minutes. Use the (P) key to interrupt the course of the programme at any time.

You can choose from six programmes:

P1 Vital

Medium-intensity jet massage which transitions to an air massage.

P2 Power

Powerful air and jet massage using both systems.

P3 Soft

A soft air and jet massage with increasing and decreasing intensity.

P4 Relax

Medium-intensity air massage intensity which transitions to a jet massage.

P5 Dream

Variations of a soft and medium air and jet massage, letting you dream.

P6 Sport

Very powerful air and jet massage with a revitalising effect.

Safety shutdown

All the whirlpool functions are automatically de-activated 30 minutes after the whirlpool is switched on. The whirlpool remains in standby mode and can be reactivated at any time.

Loudspeaker safety shutdown

Whirlpool loudspeakers (a special accessory) are equipped with overload protection.

If the volume of the connected music system is set too high, overload protection is activated. This results in the loudspeakers becoming considerably quieter or even being switched off. In this case, the volume of the music system must be reduced immediately. After a short period the loudspeakers will work normally again.

07 AFTER USE

First steps

- Turn off all the whirlpool functions.
- Open the bathtub drain and drain the water out completely.
- Rinse out the whirlpool with hot water.

Automatic fresh water rinsing and blow-out

Irrespective of how the bathtub has been used - whether for a shower a bath or the whirlpool, the fresh water rinsing programme (a special accessory for Vision 500, 700 and 1000) and blow-out (Vision 500 and 1000 only) is started automatically. The automatic fresh water rinsing and blow-out cannot be interrupted.

- The  key flashes during automatic blow-out for the Vision 500 and Vision 1000 control panels.
- In addition,  is shown on the Vision 1000 control panel display during blow-out.
- The  key is illuminated on all three control panels (Vision 500, 700 and 1000) during the fresh water rinse programme.

If the fresh water rinsing system is present, the jet massage is rinsed first, followed by the air massage. The remaining water is not automatically blown out of the air piping until this process is complete. If automatic disinfection (special accessory) was selected while the bathtub was still full, no fresh water rinsing takes place. Otherwise the disinfectant would be rinsed out.

Afterwards

Dry the air nozzles and bathtub using a soft, non-abrasive and lint-free cloth. Leave the bathtub drain open.

08 DISINFECTION

Disinfectants cause skin irritation!

Ensure that you observe the safety instructions on the label of the disinfectant!

Keep disinfectants out of reach of children!

You must not bathe in the whirlpool whilst it is being disinfected!

Depending on the frequency of use, you should disinfect the whirlpool roughly every 4 weeks. Only use Repabad disinfectant (art. no. 0002511). If other bath agents are used, you run the risk of damaging the whirlpool.

Manual disinfection

(Vision 700 or Vision 1000 control panel without an automatic disinfection system and Vision 500)

Make sure the bath is filled up to at least **5 cm above** the jet or micro jet nozzles before disinfection!

- Add the disinfectant to the water after bathing:
Use approx. 80 - 500 ml, depending on the bathtub size (concentration 100 ml to 100 l of water).
- Let the disinfectant solution react for approx. 30 minutes.
- During this period, run all the available whirlpool systems (air and jet) 3 times for 1 to 2 minutes.
- Switch off the whirlpool, open the bathtub drain and let the disinfectant solution drain out.

Automatic blow-out starts once the bathtub has fully emptied (Vision 500 and Vision 1000).
The fan is automatically de-activated after the end of the blow out time.

After approx. 5 minutes, dry the air nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
- Leave the bathtub drain open.

Automatic disinfection

(a special accessory, only for Vision 700 and Vision 1000)

Make sure the bath is filled up to at least **5 cm above** the top nozzles before disinfection!

Start the disinfection process after bathing and with a full bathtub:

Using the Vision 700 control panel

- Press and hold the ☺ key until the pump switches on (approx. 5 seconds) and the key slowly flashes.

If the ☺ key flashes quickly, the disinfectant tank must be topped up (please refer to "Servicing" on page 20).

- Automatic disinfection is started.
- The running time for the automatic disinfection is approx. 30 minutes.
- After automatic disinfection, the ☺ key illumination goes out.
- Press the ☺ key again to stop automatic disinfection at any time.
- Once the disinfection process is complete, open the bathtub drain and let the disinfection liquid drain out.
- After approx. 5 minutes, dry the air nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
- Leave the bathtub drain open.

Using the Vision 1000 control panel

- Press and hold the  key (approx. 5 seconds) until  (with flashing dot) appears on the display.
- The  key is illuminated at the same time.
- After 5 seconds, the display switches to  together with the running time of the disinfection process.

If the  key flashes quickly, the disinfectant tank must be topped up (please refer to "Servicing" on page 20).

- Automatic disinfection is started.
- The display shows the remaining disinfection time in minutes.
- Press the  key again to stop automatic disinfection at any time.
- Once the disinfection process is complete, open the bathtub drain and let the disinfection solution drain out.
- The remaining water is blown off automatically once the bathtub has fully emptied.
- The fan is automatically switched off after the end of the blow-out time.
- After approx. 5 minutes, dry the air nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
- Leave the bathtub drain open.

Fresh water rinsing (special accessory)

Fresh water rinsing starts automatically a few minutes after the whirlpool is completely drained and cannot be cancelled. The jet system is rinsed first, followed by the air system. After this, the remaining water is blown out of the air pipes automatically (only for Vision 500 and Vision 1000).

Dry the air nozzles and bathtub with a soft, non-abrasive and lint-free cloth.

- Leave the bathtub drain open.

You can also start fresh water rinsing manually:

Using the Vision 500 control panel

- Press the  key when the bathtub is empty.
 - Fresh water rinsing is started. The  key is illuminated until the end of the rinsing programme.
 - Press the  key again to interrupt fresh water rinsing at any time.
 - The fresh water rinsing ends when the rinsing time has elapsed.
 - The remaining water is blown off automatically once the bathtub has fully emptied.
 - The fan is automatically switched off after the end of the blow-out time.
- Dry the air nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
- Leave the bathtub drain open.

Using the Vision 700 control panel

- Press the ☺ key when the bathtub is empty.
- Fresh water rinsing is started, the ☺ key is illuminated until the end of the rinsing programme
- Press the ☺ key again to interrupt fresh water rinsing at any time.
- The fresh water rinsing ends when the rinsing time has elapsed.
- After approx. 5 minutes, dry the jet nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
- Leave the bathtub drain open.

Using the Vision 1000 control panel

- Press the ☺ key when the bathtub is empty.
- Fresh water rinsing is started, the ☺ key is illuminated.
- The display shows **5 P** (with flashing dot).
 - Press the ☺ key again to interrupt fresh water rinsing at any time.
 - The fresh water rinsing ends when the rinsing time has elapsed.
 - The automatic blow-out is activated once the bathtub is drained. This programme cannot be cancelled.
 - The ☺ key flashes and the remaining time until the end of the programme is shown on the display in seconds.
 - After approx. 5 minutes, dry the air and jet nozzles and bathtub with a soft, non-abrasive and lint-free cloth.
 - Leave the bathtub drain open.

09 CARE INSTRUCTIONS

Do not use cleaning agents which contain solvents, are aggressive or abrasive! They damage the bathtub surface. Only use soft, non-abrasive and lint-free cloths for cleaning!

The bathtub surface must be freed of abrasive dust etc. before cleaning, e.g. by rinsing it with clear water. Chemical drain cleaners may not be used.

After bathing, clean the bathtub with a household cleaning agent. Clean the acrylic parts at regular intervals with anti-static Repabad "Special cleaner" acrylic and plexiglass cleaner (art. no. 0010276). To deal with minor scratches, use Repabad's "Acrylic care set" (art. no. 0007135).

10 SERVICING

Topping up the disinfection tank

(only if you have the disinfection system as a special accessory)

If the ☺ key flashes quickly when the disinfection system is started (please refer to page 17), the disinfection tank must be topped up.

Disinfectants cause skin irritation!

Ensure that you observe the safety instructions on the label of the disinfectant!

Keep disinfectants out of reach of children!

You must not bathe in the whirlpool whilst it is being disinfected!

Depending on the frequency of use, you should disinfect the whirlpool roughly every 4 weeks. Only use Repabad disinfectant (art. no. 0002511). If other bath agents are used, you run the risk of damaging the whirlpool.

- Unscrew the cover on the filling opening on the rim of the bathtub.
- Pour in one bottle (1 litre) of Repabad disinfectant (art. no. 0002511) using a funnel.
- Close the filling opening cover again tightly.

Cleaning the nozzles

As required, remove the lime scale deposits on the whirlpool nozzles using Repabad "Special cleaner" (art.no. 0010276). Please refer to page 21 for instructions on how to remove and install the nozzles.

11 NOZZLE FUNCTION AND STRUCTURE

Air nozzles

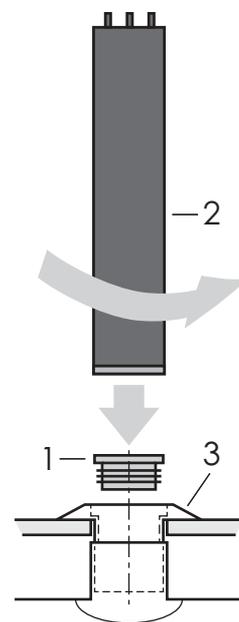
To enable cleaning, unscrew the air nozzle inserts using the special key (art. no. 0035112):

- To remove the inserts (1), lightly press the rubberised side of the key (2) against the insert, and unscrew in an anti-clockwise direction.

Do not twist or remove the mounting thread of the air nozzle (3)!

- Screw the nozzle insert (1) back in flush with the chrome ring.

Removing the nozzle inserts does not negatively affect the seal of the whirlpool.



Champagne nozzles

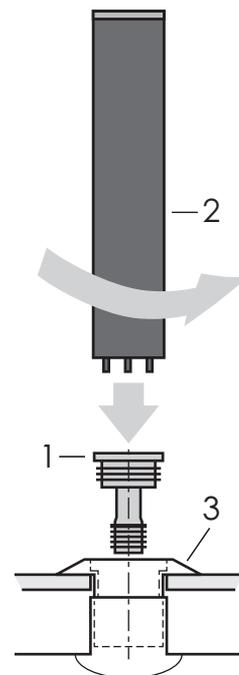
To enable cleaning, unscrew the champagne nozzle inserts using the special key (art. no. 0035112):

- To remove the inserts (1), carefully insert the metal pins of the key (2) into the holes on the nozzle caps, and unscrew in an anti-clockwise direction.

Do not twist or remove the Champagne nozzle mounting thread (3)!

- Screw the nozzle insert (1) back in flush with the chrome ring.

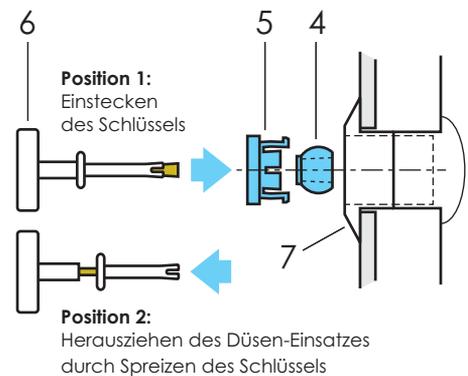
Removing the Champagne nozzle inserts does not negatively affect the seal of the whirlpool.



Jet nozzles / Micro jet nozzles

Swivel the jet nozzles to change the jet direction. The jet nozzles inserts can be removed for cleaning:

- Remove the jet nozzle (4) and plastic insert (5) with the special key (6) (jet nozzle art. no. 0034794, micro jet nozzle art. no. 0034795). To do so, insert the key into the opening of the jet nozzle (4) and remove it together with the plastic insert (5).



Do not twist or remove the jet nozzle body (7)!

- To reinstall, first push the jet nozzle (4) into the plastic insert (5), then fit into the jet body (7).

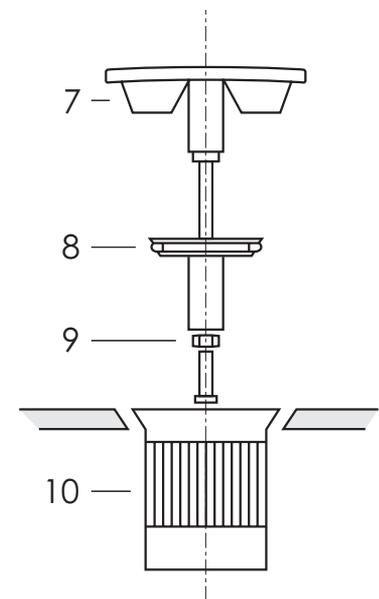
Removing the jet nozzle inserts and jet nozzles does not negatively affect the seal of the whirlpool.

12 CLEANING THE DRAIN FILTER, ADJUSTING THE DRAIN PLUG

- Remove the drain cover (7) together with the drain plug (8) by lifting it upwards

Attention: The plug is only loosely fitted, it can fall out and damage the bath

- Clean the filter (10)
- You can set the drain plug using the adjustment screw (9)



13 TECHNICAL DATA

Connection	Via separately connected electricity supply with separate 2-pin residual current circuit breaker I Δ N \leq 30 mA (overvoltage category III)
Supply voltage	230 V AC, 50 Hz
Fuse without supplementary heating	16 A-B for 3 x 1.5 mm ² supply line
Fuse with supplementary heating	2 x 16 A-B for 2 supply lines, each with 3 x 1.5 mm ²
Connected load	0.5 - 1.2 kW (air system) 0.7 - 1.6 kW (jet system) 1.3 - 3.0 kW (air and jet system) 2 kW (supplementary heating)

14 HOW TO ENJOY THE WHIRLPOOL

Immerse yourself in pleasantly hot water. Air bubbles burst on your skin, your weightless body is carried by the water. The individually adjustable massage relaxes your muscles, relieving tension.

It stimulates the metabolism, has a positive effect on the vegetative nervous system, the brain releases “happy hormones” – you feel good all over. In order to get to know the pleasant effects of water whirling on your body and mind and to be able to use it correctly, here are some handy tips on using the whirlpool.

Whirlpool rules

- 1.** Shower with soap or shower gel before using the whirlpool. That helps the skin build up a natural acid protection layer. The air bubbles which burst on your skin are particularly good at deep cleansing.
- 2.** The total of time, intensity of massage and water temperature determines how you will feel after your whirlpool bath. After a short, cool and gentle massage, will be invigorated when you leave the whirlpool. A longer, warmer and more intense massage, leaves you feeling relaxed and calm.
- 3.** Scented oils have a lasting effect, depending on the feeling desired. If you want to feel invigorated after the whirlpool, use an energising aroma such as eucalyptus or lemon. Only use bath additives that are appropriate for whirlpools, i.e. that either do not froth or only froth a little.

Effect on the body and well-being

- The connective tissue, muscles etc. feel weightless and therefore tension-free.
- The heat and moisture open the pores of the skin.
- The bursting of the air bubbles on the surface of the skin causes a special peeling and stimulation effect due to the pressure change when interrupting surface tension.
- The heat relieves tension and cramps, and gives a relaxed massage.
- The temperature on the surface of our skin influences how we feel.
- As a result of the opened pores, the skin's oxygen intake increases.
- The oxygen is transported better due to the even stimulation of blood flow.
- The aroma substances are both transported through the air and absorbed more effectively.
- The massaging movement has a relaxing effect, stimulating circulation.
- The high humidity soothes the respiratory tract, stabilising the mucous membranes.

Aromatherapy

Aromatherapeutic bath additives improve physical and mental well-being. Some aroma molecules penetrate the skin and then produce their effect, others stimulate the nerve endings when inhaled.

The nose registers the aromatic signals in just 2 seconds and passes them on to the part of the brain responsible for the memory and emotions.



Aromatherapeutic bath additives remain in the air for approximately 15 minutes; the nose becomes accustomed to the aroma quickly and stops transmitting scent signals. Nonetheless, you should not put more bath additives in the bath water. The concentration is sufficient to achieve the desired reaction. Too many aroma signals have the opposite effect.

Rules for aromatherapy

Only add aromatherapy bath additives once the bath is full and stir thoroughly so that the oil droplets are distributed evenly.

Once the body has absorbed aromatherapeutic bath additives via the skin, they remain effective for approximately 4-6 hours, provided no alcohol or beverages with caffeine are consumed.

Aromatic steam evaporates, so always close the door and windows in the bathroom if aromatherapeutic bath additives are used.

If the water temperature is high, the oil penetrates the skin more easily, so be careful with dosage if bath additives are used in hot bath water.

Aromatherapeutic bath additives

Bath additives from Repabad are ideally suited for use in whirlpools as they only froth a little and leave no deposits in the system. Their proportions of essential oils make them ideal care for the body and soothing to the soul. **Selection:** Mountain Pine, Eucalyptus, Camomile, Lavender, Mango, Rose Garden and Lemon Grass.



Please note:

The tips listed above are general recommendations.
If you have health problems, please consult a doctor first.

Effects of the bath additives

The effects mentioned should only be viewed as examples, as the aromas have different effects on different people.

COMPLAINTS	TEMPERATURE	WHIRL TIME	REPABAD BATH ADDITIVES*	SPECIALITIES
Boosting the body's defences	28°C or lower	7 min.	Eucalyptus, Lavender	In the morning
Boosting the body's defences	38°C or higher	7 min.	Eucalyptus, Lavender	In the evening
A cold	38°C	30 min.	Eucalyptus, Camomile, Mountain Pine	We recommend a good night's sleep afterwards
Migraine	32°C	10 min.	Camomile	If possible, at the outset of the migraine, making sure to rest afterwards
Muscle ache	38°C	10 min.	Camomile	A jacuzzi bath before/ after exercise
Tiredness	38°C	25 min.	Lavender	In the evening before going to bed
Tiredness	30°C	10 min.	Lemon Grass, Mango	In the morning after getting up
Insomnia	38°C	30 min.	Lavender	
Stress	37°C	25 min.	Camomile, Lavender	

* Please do not use any bath additives containing oil, or which produce foam.

Send in the warranty card only in the event of a complaint.

WARRANTY CARD

for Repabad whirlpools

We grant a 5-year warranty on the Repabad whirlpool supplied by us in accordance with our general terms and conditions, provided that the product is installed and used correctly and the care instructions are followed.

This warranty begins on the day of delivery by Repabad. Any potential claim must be notified to the specialist fitter from whom our product was purchased, specifying the data provided below.

Delivered on:

Customer's address:

Invoice no.:

Reason for complaint:

Specialist fitter's address

Fitter's stamp / signature

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