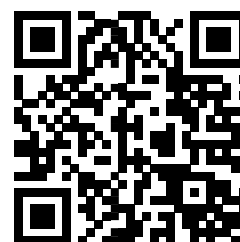
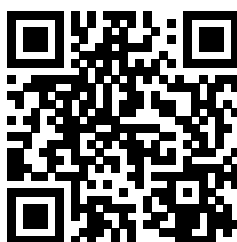
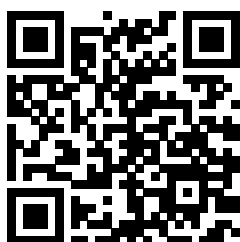
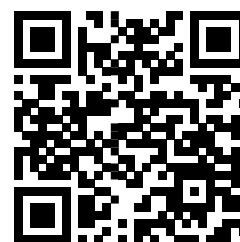
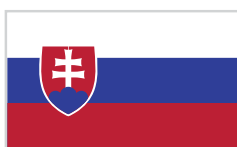
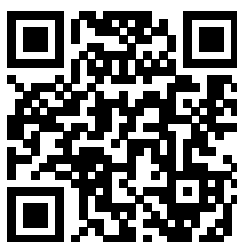
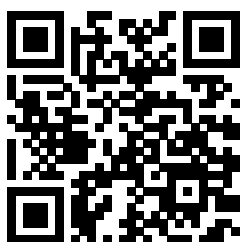
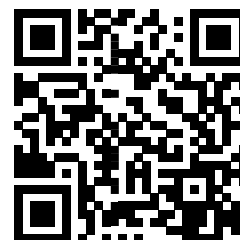
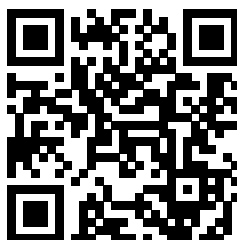
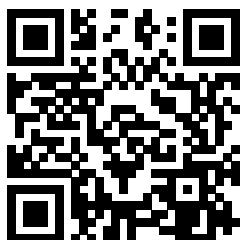


WOODEN POOL USER GUIDE



DIGITAL VERSION



POOL

SERIAL NUMBER

KEEP FOR FUTURE REFERENCE

Your pool is assigned a unique serial number, which can be found underneath, on the box containing the fittings, and on the external packaging. Important: Please retain this serial number, as it is essential for warranty-related matters. To have a warranty claim or inquiry addressed, the serial number must be provided.



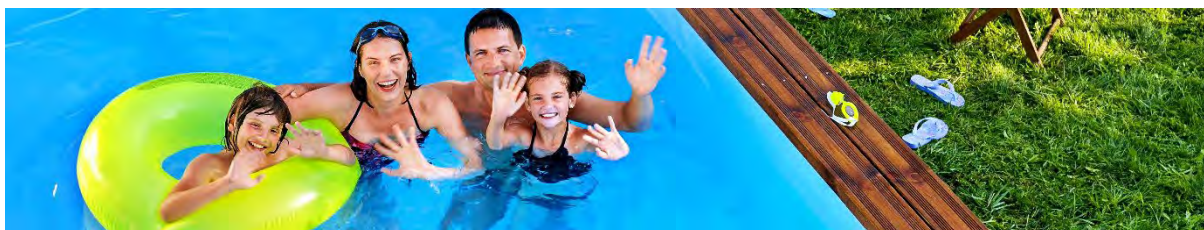
LINER SERIAL NUMBER

KEEP FOR FUTURE REFERENCE

Liner serial number is available on the stickers located on the liner box and the pool liner. Please take note of the production code and item code. It is important to retain this sticker or record the information provided on it in case the sticker is misplaced or removed. This information is crucial for any service performed within the warranty period. Please be aware that the warranty will not be honored without the original sticker, a copy of the sticker, or the recorded information from the sticker.

1. General Notice

Please thoroughly read, understand, and adhere to all the instructions in this user manual before installation and use of the swimming pool. While this guide covers common water recreation risks, it cannot encompass all potential hazards. Always exercise caution, common sense, and sound judgment. Keep this manual for future reference.



2. Introduction

Welcome to the ABATEC Wooden Pools User Guide. This comprehensive manual is designed to provide you with all the necessary information for the safe and enjoyable use of your wooden swimming pool. It includes detailed instructions on pool setup, maintenance, and safety measures to ensure a fulfilling and secure swimming experience.

In this guide, you will find essential information on how to properly install your pool, care for its components, and adhere to safety protocols to protect all users, especially children and non-swimmers. We cover everything from pre-installation preparation, installation processes for various settings, to the maintenance of different parts like PVC and stainless steel covers.

Safety is paramount in our guidance. You'll find critical advice on supervising non-swimmers, using safety equipment, and maintaining water quality. Additionally, we provide insights into preserving the wooden structure of your pool and addressing potential issues that may arise.

This guide also includes a section on winter preparation, ensuring your pool remains in excellent condition throughout the year. Whether you're a first-time pool owner or seasoned user, this manual is an indispensable resource for maximizing the lifespan and enjoyment of your ABATEC Wooden Pool.

3. Safety Notices and Warnings

3.1. Introduction

Please read this guide thoroughly and adhere to all safety rules for responsible pool usage. For any questions or concerns, contact your dealer.

Notice

ABATEC Wooden Pools are intended solely for **private use**.

3.2. Non-Swimmers Safety

- Constant, attentive supervision by a responsible adult is mandatory for non-swimmers and weak swimmers, particularly children under five who are at the highest risk of drowning.
- Assign a competent adult to watch over the pool whenever it is in use.
- Non-swimmers or weak swimmers must wear water safety gear.
- When the pool is not in use or unattended, remove all toys to prevent children from being attracted to the pool.

3.3. Safety Devices

Installation of barriers (and securing doors and windows, if applicable) is advised to prevent unauthorized pool access. While barriers, pool covers, alarms, and similar devices are useful, they do not replace the need for constant, competent adult supervision.

3.4. Safety Equipment

Keep rescue equipment, such as a ring buoy, readily available near the pool. Also, have a working phone and a list of emergency contact numbers accessible.

3.5. Safe Use of the Pool

- Encourage all users, especially children, to learn swimming skills.
- Acquire Basic Life Support (CPR) training and regularly refresh this knowledge.
- Instruct all pool users on emergency procedures.

- Never dive into shallow water to avoid serious injuries or fatalities.
- Avoid using the pool under the influence of alcohol or medications that impair judgment.
- Fully remove pool covers before entering.
- Maintain water quality through treatment and good hygiene practices, following the guidelines in this manual.
- Store chemicals safely out of children's reach.
- Adhere to the signage instructions provided. Ensure removable ladders are placed on a stable surface.



3.6. Extra Measures

- Avoid swimming near the ladder to prevent entrapment.
- Refrain from using sharp objects that could damage the pool liner.
- Do not sit or walk on terrace planks.
- Do not jump into the water.
- Never leave children unattended in or near the pool.
- Remove the ladder to prevent unsupervised access by children.

3.7. Electrical Safety

Strict adherence to electrical safety regulations is crucial when connecting the pool's pump. It is advisable to have electrical connections made by a certified electrician for safety and ease of use.



- Ensure the power connection is grounded and complies with local safety standards for garden electrical installations.
- Avoid routing filter kit wires in a manner that poses a risk to pool users.
- During the filter system start-up, check that the filter kit operates correctly, water is flowing, and no power surges occur. If a power surge is detected, using the pool is strictly prohibited.

3.8. Mandatory Pool Area Signs

Display signage within 2 meters of the pool, indicating:



NO DIVING



WEAR PERSONAL FLOATATION DEVICES



KEEP CHILDREN UNDER SUPERVISION IN THE AQUATIC ENVIRONMENT

4. Maintenance and Care

4.1. Wooden Structure

Properties

Wood, being a natural and hygroscopic material, is sensitive to sudden changes in temperature and humidity. Prolonged exposure to strong sunlight can cause cracking and greying of the wood. Regular maintenance mitigates this risk.

Wood may expand when exposed to moisture for extended periods, with a dimensional variance of up to 3–4% considered normal. Microcracks or minor tongue damages are not a cause for concern and do not compromise the structural stability post-installation. Knots, varying growth rings, and shades are inherent characteristics of wood, and any discoloration due to natural processes is not considered a defect.



Preservation

The wooden structure of the pool is vacuum pressure impregnated using a chromium-free process at the time of purchase, providing effective protection against biological agents like mold, fungi, algae, and insects. However, this treatment does not shield the wood from UV damage. To safeguard the wood from weathering, it's **necessary** to apply protective treatments designed for outdoor wood, such as high quality natural wood stain oil.



Annual preservation of the pool is **mandatory**, and more frequently is recommended for pools in extreme weather conditions.

Regular maintenance

- enhances structural stability

- reduces susceptibility to
 - warping
 - cracking
 - greying
 - swelling
- maintains the wood's aesthetic appeal over time

To refurbish wood affected by biological contaminants or flaking paint, clean and dry the wood before repainting, sanding the surface if necessary.

Note: Neglecting annual wood preservation may result in forfeiture of the warranty.

4.2. Pool Liner

Maintaining the liner's durability and appearance is essential. To preserve the liner, use only professional pool chemicals, following the manufacturer's recommended proportions.



- Avoid using excessive chemical doses, as this can negatively impact the pool liner, potentially causing local discoloration.
- Never place pool tablets directly into the pool; instead, use dosing buoys or place them inside the skimmer.
- Dissolve liquid chemicals in a separate container before gradually adding them to the pool to prevent localized concentration.
- Take extra care during installation to avoid damage. Don't use sharp objects.
- Clean regularly with a dedicated brush and specialized agents to prevent permanent stains and discoloration.

The liner's cleanliness, especially near the water line where dirt, scale, and chemical residues (such as sunscreen) tend to accumulate, is crucial. Completely draining the pool and leaving the liner dry is not recommended.

4.3. Water Clarity

Maintaining water clarity is essential for optimal pool use. Before filling the pool, test the water to determine its parameters and select appropriate cleaning agents.

Saltwater is not suitable for use in our pools, as neither the liner nor the filtration system is designed for it, and it can damage filtration pump parts. If pool chemicals are used correctly and the pool is kept clean, replacing the water is not typically necessary.

4.4. PVC Corner Covers

To preserve the condition and appearance of plastic covers, use only specialized cleaning agents designed for this material. Using other products may negatively affect the covers' quality.

4.5. Stainless Steel Corner Covers

Maintain the durability and appearance of stainless steel covers by cleaning them only with products specifically formulated for stainless steel. Using alternative cleaners can adversely affect the covers.

5. Before Installation

5.1. Verification

Thoroughly review this guide and the installation instructions included with the product. Contact the seller for any clarifications. Check all components for completeness and quality. Report any discrepancies before installation.

5.2. Serial Number Importance

Liner Serial Number

Important Notice

Each liner comes with a unique serial number, identifiable on both the box sticker and the liner sticker. Please record the production and item codes from this sticker for safekeeping. If the sticker is lost or removed, having this information is crucial for any warranty-related services





Pool Serial Number

Important Notice

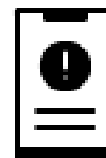
Your pool is assigned a unique serial number, located on the underside of the box with fittings and on the outer packaging. It's essential to record this number, as it is mandatory for processing any warranty claims or inquiries.



The warranty is void without the original sticker, a copy of the sticker, or the recorded information.

5.3. Storage and Timeframe

Store the kit in a dry, well-ventilated area, protected from weather elements. Do not expose unpacked wooden parts to direct sunlight and water. **After unpacking, the pool must be installed within 72 hours.**



5.4. Protection

Protect all wooden components with our dedicated oil or another high-quality product. For optimal wood protection, apply oil before installation and ensure proper drying conditions to prevent warping. Alternatively, apply oil after installation if adequate drying conditions are not feasible.

6. Installation

6.1. Requirements

- Two individuals
- Specified toolkit (refer to installation instructions)

6.2. Caution

Always follow the provided instructions. Do not install the pool on balconies, terraces, or areas not designed to support heavy loads. This may result in structural failure.

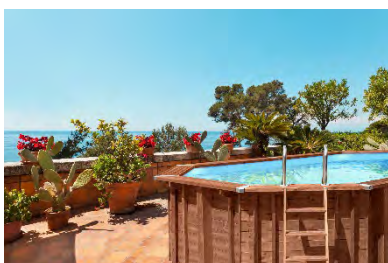


The pool is intended for private use in home gardens and should be situated away from trees, power lines, and other hazards. Avoid placing the pool near areas with high chemical or biological activity (e.g., fertilizer areas, compost bins).

Note: Electronic installation instructions are for illustrative purposes only.

6.3. Installation Methods

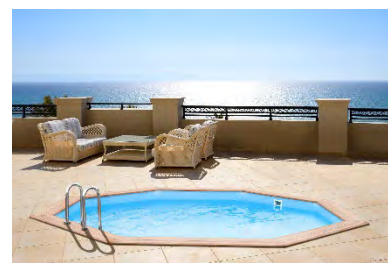
- Above ground
- Outside
- Partially embedded
- Under shelter
- Completely embedded
- Inside



Above Ground



Partially Embedded



Embedded

Considerations

Partially or fully embedded

- Ensure convenient and safe access to filtration systems, either from the top or the side, along with proper air circulation. If the filtration unit is housed in a dedicated pool coffer, easy access to its door and hatch must be guaranteed.
- Position the pump and filter no more than 10 cm below the skimmer's bottom line (refer to the illustration on page 6 for guidance).
- Maintain a distance of no more than 2 meters between the filtration system and the skimmer.

Additionally, it is essential to protect the wooden structure with a moisture-proofing agent (natural wood stain oil is recommended). Use construction foil with drainage to prevent direct contact between the pool and the ground. Detailed installation guidelines for embedded pools are provided in the accompanying instructions. The structure must be shielded from rainwater, tree roots, and direct contact with ground areas prone to harmful biological agents (refer to the installation instructions for more details).

Indoor

- Ensure efficient ventilation, tailored to the evaporation rate from the pool's surface.
- Provide adequate lighting.
- Plan for appropriate installations and solutions for draining the pool.

Under a shelter

- The shelter's dimensions must accommodate proper pool operation.
- The shelter structure must be robust and pose no risk to pool users.
- Be aware that if the pool is shaded, the water will heat more slowly.

6.4. Floor Preparation

The ground must be stable, solid, flat, and level. Avoid wetlands or flood-prone areas. For inclined surfaces, embed the wooden structure to prevent sliding. For concrete floors, follow the instructions for steel bracket placement. Hiring professional services for concrete floor installation is recommended.

6.5. Liner

Note

The liner is crafted as a single piece, tailored to fit the dimensions of the Abatec wooden pool model.

Made from vinyl, the liner conforms to the pool's size optimally when warm and subjected to water pressure.

Each liner features a unique serial number, which is required for any complaint or warranty claim.

Installation

1. Place the liner box at the pool's center before installation. Open the carton carefully without using knives or sharp instruments to avoid damaging the liner.
2. Unfold the liner and let it warm up in the sun, ideally at temperatures above 20°C, for easier installation.
3. Center the liner within the pool, ensuring the corners are correctly aligned and the floor seams are straight and parallel to the pool's sides.
4. Inspect the liner for any open seams or holes to ensure its integrity before installation.
5. Begin fastening the liner by attaching its bead to the PVC profile, starting with the corners, then the middle of each side, and work around the pool walls until the bead is fully secured in the bead receiver. Incorrect positioning of corners or improper distribution can result in excess material or a shortage, hindering a proper fit.
6. Secure the liner to the PVC profile using the gasket and a rubber hammer to press the seal into place effectively.
7. Start filling the pool with water, smoothing out any wrinkles in the liner by pushing them towards the walls using your feet or a soft bristle brush.
8. Cut openings in the liner for skimmers, returns, lighting, etc., as the water level reaches below each respective opening, as specified in the assembly instructions.
9. Continue filling the pool to the desired water level.

Suggestions

Tape Use

During installation, masking or electrical tape can be temporarily used to secure the liner bead within the PVC profile. It is crucial to remove the tape before installing the gasket that holds the liner in place.

Cutouts

Do not cut any openings in the liner until the water level is below the specified cutout point, as detailed in the assembly instructions.

Wrinkles

The appearance of slight wrinkles in the liner is normal and does not constitute grounds for a warranty claim.

Liner Purpose

The liner serves solely to contain water and is not a structural component of the pool. The structural integrity is maintained by the pool's framework.

Handling

Avoid forcefully pulling or dragging the liner, as overstretching can void the warranty and reduce the liner's lifespan. The manufacturer is not liable for damage due to improper handling.

Primary Source

For comprehensive liner installation guidance, refer to the pool assembly manual.

Warning

Warranty Exclusions

The warranty does not cover issues such as folds, discoloration, and damages arising from incorrect installation or operation. Specific warranty details are outlined in the *WARRANTY* section of the *USER GUIDE*.



Installation Compliance

Failure to adhere to the installation instructions may result in damage to the pool liner and a voided warranty.

Chemical Management

The lifespan of a vinyl liner may be significantly reduced by improper sanitation and chemical balance. Mismanagement can lead to staining from biological, chemical, and organic sources. Maintaining regular cleaning, ensuring good water circulation, and correctly using pool chemicals can minimize staining risks.

Draining Policy

Draining the pool completely voids the liner's warranty. However, regardless of the dirt level, the pool can be adequately cleaned with the right filtration and water chemistry.

6.6. Further Recommendations

Sacrificial Block

To protect the integrity of tongue-and-groove connections in construction planks, use a wooden sacrificial block during installation. Direct striking against the tongue or groove elements is prohibited, as it can damage the elements and compromise their fit and durability. Slight twisting in elements, a natural characteristic of wood, should not be considered a defect. Try repositioning these elements for the best fit in the construction.

Coated Elements

For coated elements, ensure they are installed with the coated side facing the pool's interior. Do not use damaged components. All elements must be installed as per their designated purpose as outlined in the instructions. Altering the installation method independently voids the warranty and may damage the pool.

Terrace

It is advisable to install terrace planks after the pool is filled with water. For aesthetic reasons, consider removing and re-laying the terrace planks 1–2 weeks after the pool is filled. To enhance aesthetics and safety by minimizing plank separation and

covering sharp edges, it is recommended to install masking covers, available in stainless steel or plastic, as part of our pool range.

Chemical Check

Prior to first use, verify that the water's chemical levels, particularly chlorine, are within safe limits. If chlorine levels are excessively high, refrain from using the pool until levels normalize, either by waiting or by partially replacing the water to dilute the chlorine concentration.

6.7. Potential Issues

Terrace Planks Not Adhering

Cause: Installation before the pool was filled with water or incorrect arrangement of terrace planks (internal and external planks were interchanged).

Solution: Remove and correctly reposition the planks before reattaching them.



Cracks in Wood

Cause: Natural wood drying process.

Solution: Apply wood preservatives to create a hydrophobic layer, reducing surface cracks. Regular preservation with oil scumble, as recommended in our product range, can also minimize cracking.



Large Cracks Between Wall Planks

Cause: Incorrect installation of middle planks.

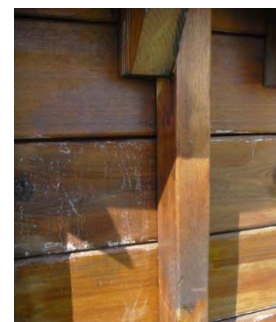
Solution: Dismantle and reinstall the pool structure following the instructions. Ensure correct distribution of 2t steel brackets if included in the pool construction.



White Resin Stains

Cause: Resin leakage due to strong sunlight heating the wood.

Solution: Clean stains with a natural solvent like turpentine. For larger, dry stains, use emery paper along the plank grain, then reapply a suitable protective agent for exterior wood.



Protruding Vertical Brackets

Cause: Incorrect screw installation or external forces dislodging screws.

Solution: Review the instructions for correct bracket attachment and screw type. If necessary, drain the pool, remove the liner and fabric, and reattach the bracket correctly. It may be advisable to use different screw positions and seal previous openings to prevent liner damage.



Coatings of Knots Falling Out

Cause: Knots are a natural wood feature and their presence does not impact structural stability. Ensure coated knots are on the underside of terrace planks for better aesthetics and comfort.

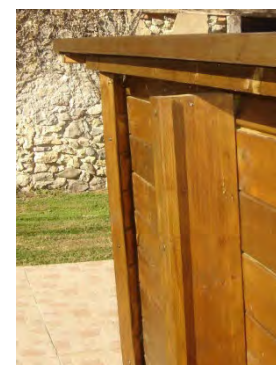
Solution: Reattach fallen coatings with external-use wood glue. Replacement coatings can be ordered if lost or damaged.



Declining Pool Walls

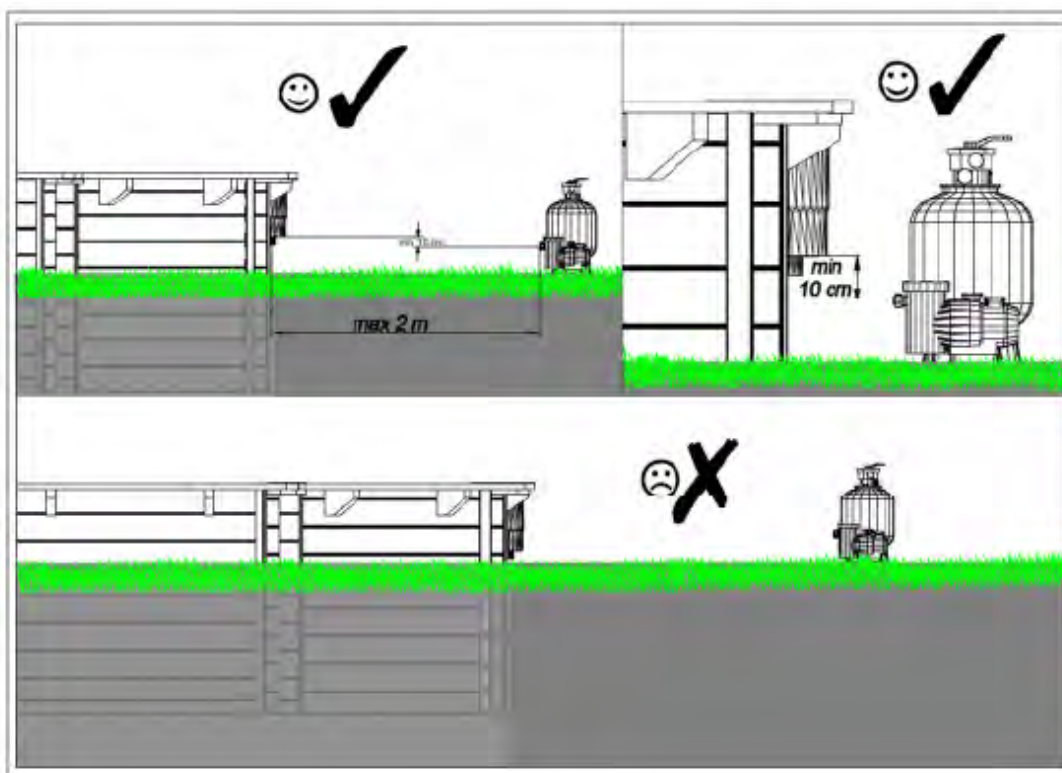
Cause: Damaged supporting elements or uneven ground.

Solution: Inspect brackets and ground level. Replace any damaged components promptly to prevent further structural damage.



6.8. Filter Kit

Placement



For optimal performance, align the pump and filtration system with the pool's bottom. In-ground pool installations above the bottom are acceptable under these conditions:

- Ensure convenient and safe access to filtration systems, with proper air circulation. If housed in a dedicated pool coffer, easy access to the door and hatch is necessary.
- Place the pump and filter no more than 10 cm below the skimmer's bottom line (refer to the provided drawing).
- Maintain a maximum distance of 2 meters between the filtration system and the skimmer.

Storage

Protect the pump from water splash, flooding, and moisture by storing it in a dry, well-ventilated room. Using filter kit boxes (available in our range) is recommended. If the pump will be unused for an extended period, disassemble and store it in a dry, clean,

and ventilated area. In winter, keep the filter pump in a warm space. Drain the filter pump by removing the drain plug stopper.

Maintenance

Replace the filter's sand every 2-3 years, or more frequently if needed. Run the filter system daily during the bathing season to cycle the entire pool volume at least once. Regular cleaning of the prefilter vessel is essential to prevent clogging and maintain filter efficiency.



Start-up

1. Ensure the filter container is filled with the appropriate amount of sand and all components are properly connected.
2. To avoid damage, press the main valve button and then set it to the BACKWASH position (always press the button before turning the valve).
3. Activate the pump according to the operational instructions, ensuring both the suction and return lines are open.
4. Wait for the filter container to fill with water. Once water flows through the drain line, keep the pump running for at least one minute to thoroughly rinse the filter and remove potential contaminants from the medium.
5. Then, turn off the pump and switch the control valve to the RINSE position.
6. Restart the pump and wait until the water runs clear, approximately one minute.
7. Next, turn off the pump, set the valve to the FILTER position, and turn on the pump again.
8. The filter is now ready for normal operation, removing contaminants from the water.
9. Adjust the suction and return valves to achieve the desired water flow.
10. Inspect all connections for leaks and tighten any screws or clamps as necessary.
11. Monitor the pressure gauge of a clean filter (noting that readings may vary depending on the pump and piping type).
12. As contaminants accumulate, the pressure will increase, and water flow will decrease. Clean the filter when the pressure gauge reads 1.5 bar above the initial value (refer to the BACKWASH position in the filter operation guide).

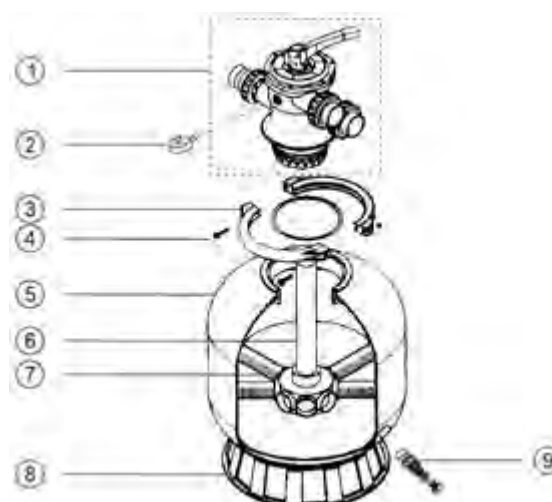
Note: During initial water cleaning, multiple filter rinses may be required due to high contamination levels.

Valve Positions

VALVE POSITION	FUNCTION
FILTER	This is the standard operation mode for water filtration. In this setting, pool water is directed through the filter medium (such as sand or cartridge), which traps and removes debris and contaminants, ensuring clean water is returned to the pool.
BACKWASH	This function is used to clean the filter by reversing the flow of water. It effectively removes accumulated dirt and debris from within the filter medium, discharging the waste water to the drain. This process is essential for maintaining the filter's efficiency and prolonging its lifespan.
RINSE	Employed immediately after backwashing, the rinse cycle ensures that any residual dirt or debris is flushed out of the filter system, preventing it from returning to the pool. This setting briefly redirects water flow through the filter and then to the drain, stabilizing the filter medium before resuming normal filtration.
WASTE	This setting is used for lowering the water level or for removing debris directly into the sewage system, bypassing the filter. It is particularly useful when cleaning out large contaminants from the pool that might otherwise overload or damage the filter system.
RECIRCULATE	In this mode, water is circulated through the pool system without passing through the filter. This can be useful in situations where the filtering stage needs to be bypassed, such as after a filter failure or when chemical treatments require thorough mixing without filtration.
CLOSED	This position completely isolates the filter and pool, halting all water flow to and from the filter system. It is critical for maintenance or repair activities to ensure safety and prevent water loss or damage. This setting should not be used while the pump is operational to avoid damage to the system.

Filter Structure

1. Main valve
2. Pressure gauge
3. Clamp/clip
4. Screws with nuts
5. Filter container
6. Central pipe
7. Branch pipes
8. Base of the filter
9. Drain valve



7. Winter Preparation

Properly preparing your ABATEC Wooden Pool for the winter is crucial to maintain the quality of the pool foil. By securing the pool adequately in autumn, extensive cleaning and preparation for the next bathing season can be minimized. Start by draining the pool to a level below the skimmer and open the drain valve to completely empty the filter system. During the winter months, store the filter pump in a warm environment.



Regularly monitor and empty the water in the pre-filter (skimmer), especially after heavy rains, to prevent any issues. In regions where water freezing is a concern, it's important to protect the inflow nozzle. Normally, inflow nozzles are installed on the third or fourth layer of the pool's structure for optimal water filtration.

For colder climates with a higher risk of water freezing and potential damage to the plastic components, consider these solutions:

During the pool's installation, position the board with the inflow nozzle opening on a higher layer. For winterization, ensure the pool is drained to a level below this nozzle.

Utilize plugs to block the water supply to the interior of the inflow nozzle, making sure the external side of the nozzle is completely dry.

To safeguard the pool walls against damage from expanding ice, place several objects, such as empty plastic bottles, in the pool. These will absorb the pressure from the ice expansion. Additionally, treat the remaining water with professional pool chemicals suitable for winter conditions, adhering to the manufacturer's recommended proportions.

After the swimming season, remove the internal ladder from the pool. Leaving it in place during winter could lead to damage or interfere with the placement of a potential winter cover. We also advise using pool covers to prevent contamination of the pool during the off-season.

8. WARRANTY

WOODEN STRUCTURE CLASS IV WARRANTY – 5 YEARS

Valid only with the original proof of purchase.

8.1. Coverage includes

Protection Against Insects and Fungi

Annual maintenance required using high-quality wood protection products (refer to our natural wood oil).

Manufacturing Process Defects

Missing elements coverage is valid only before assembly.

8.2. Exclusions

1. Natural deformations and discoloration of wood (gaps, cracks, splits, twisting, bending).
2. Damage from improper ground preparation.
3. Damage from improper protection during installation.

4. Damage or accidents from incorrect storage, assembly, or use.
5. Deformations from prolonged sunlight exposure.
6. Surface mold due to insufficient ventilation.
7. Resin leaks, a natural characteristic of wood.

8.3. Hardware Warranty

Coverage includes:

- Manufacturing defects and missing elements (valid only before assembly).

Exclusions:

- Corrosion
- Damages from improper assembly or use

8.4. Liner Warranty (1 year)

Coverage includes:

- Weld integrity
- Tightness, contingent upon compliance with the user guide for installation, use, and maintenance.

Exclusions:

- Folds.
- Stains and discoloration.
- Tears, holes, cuts, or any damage from abuse or improper installation/use.

8.5. Filtration Group Warranty (1 year)

Components are subject to their respective manufacturers' warranties for 1 year from the date of purchase.



Feel free to send us a picture
of your wooden pool!

[sales@abatec-pools.com!](mailto:sales@abatec-pools.com)



