

Rainforest Pools -N- Composites Fiberglass Pool Owner's Manual

Use, Care, Maintenance, and Safety Guide for Homeowners

Rainforest Pools -N- Composites

263 Hunt Park Cove, Longwood, FL 32750 | RainforestPoolsUSA.com

Welcome

Congratulations on your new Rainforest Pools -N- Composites fiberglass pool. Your pool is designed to provide years of enjoyment, relaxation, exercise, and family fun. Proper care begins with balanced water, routine cleaning, safe operation, and attention to equipment performance.

This manual is intended as a practical homeowner guide. Always follow local codes, equipment manufacturer instructions, chemical product labels, and any written warranty requirements provided with your pool and equipment.

Important Safety Guidelines

- Always provide constant, responsible adult supervision when the pool is in use.
- Never leave children, inexperienced swimmers, or vulnerable individuals unattended in or near the pool.
- Learn CPR and basic first aid, and keep rescue equipment and a working phone accessible near the pool area.
- Never swim alone or while under the influence of alcohol, drugs, medications, or anything that may impair judgment, coordination, or alertness.
- Do not run, dive, push, roughhouse, flip, jump from structures, or enter shallow water unsafely.
- Make sure all pool users understand the depth, slope, steps, benches, ledges, and other pool features before entering.
- Use barriers, gates, locks, alarms, covers, and other safety measures as required by local codes and recommended safety practices.
- Maintain drain covers, fittings, equipment, electrical components, ladders, handrails, covers, gates, and safety devices in proper working condition.
- Do not allow anyone to use the pool if a safety component is missing, damaged, loose, or not functioning properly.

Important reminder: Safety is an ongoing responsibility. No warning, rule, barrier, cover, device, or safety feature can replace constant supervision, responsible behavior, and good judgment. Failure to follow pool safety warnings, rules, instructions, and applicable codes may result in serious injury, drowning, or death.

Pool owners are responsible for complying with all local fencing, barrier, gate, alarm, electrical, and safety code requirements.

Diving Boards, Slides, and Unsafe Entry

Rainforest Pools -N- Composites does not recommend the installation or use of diving boards or slides with residential fiberglass pools. Rainforest Pools -N- Composites does not manufacture, sell, install, or approve diving boards or slides. If a pool owner, installer, builder, or other party chooses to install or use a diving board, slide, or similar accessory, that decision is made at their own risk and must comply with all applicable laws, codes, standards, equipment manufacturer instructions, and site-specific safety requirements.

Never dive into a Rainforest fiberglass pool unless the specific pool model, installation, depth profile, markings, and surrounding area have been professionally confirmed and approved for diving under applicable codes and standards.

Drain Covers and Suction Fittings

Your pool is equipped with suction fittings, also commonly called drain covers, which help pull water from the pool and move it through the filtration system. These fittings are designed to help reduce the risk of injury; however, the pool owner is responsible for making sure the covers remain securely attached, undamaged, and functioning properly at all times.

- Never enter or swim in a pool if a drain cover is broken, missing, loose, cracked, or damaged in any way. Close the pool immediately and contact your installer for inspection and repair.
- Never swim, sit, stand, or play near suction fittings.
- Warn all swimmers, especially children, never to swim near suction fittings or place fingers, toes, hair, clothing, jewelry, or other body parts into or near the fittings.
- Swimmers with long hair should use extra caution around pool outlets and suction fittings. Long hair should be pinned up or covered with a swim cap to help reduce the risk of hair entrapment.
- Failure to follow these warnings may result in entanglement, entrapment, serious injury, drowning, and/or death.
- Drain covers and suction fittings must be properly rated, securely fastened, installed according to manufacturer instructions, and replaced before the end of their marked service life.

Water Chemistry

Balanced water is the most important part of fiberglass pool ownership. Proper chemistry helps protect the gel coat surface, keeps swimmers comfortable, improves sanitizer performance, and helps prevent scale, staining, cloudy water, algae, and equipment damage.

Water Chemistry Level	Recommended Range	Testing Frequency
Free Chlorine Residual	1.0 to 3.0 ppm	Daily; record at least weekly
pH Level	7.2 to 7.4	Daily; record at least weekly
Total Alkalinity	80 to 120 ppm	Weekly
Calcium Hardness	Less than 120 ppm	Weekly during swim season, then monthly once stable (or as recommended by your pool professional)
Cyanuric Acid / Chlorine Stabilizer	30 to 50 ppm	Monthly during swim season, or after significant water replacement
Metals	0 ppm	As needed —when filling with well water, after adding metal-based products, or if staining/discoloration occurs
Total Dissolved Solids	Less than 1500 ppm, except where higher levels are expected due to a salt chlorine generator or as directed by the equipment manufacturer.	Monthly, or as recommended by your pool professional
Salt, if applicable	2,700-3,400 ppm	Weekly; or as needed after water significant water replacement

Adjust chemistry gradually and retest after circulation. If several readings are out of range, correct total alkalinity first, then pH, then sanitizer. When in doubt, take a water sample to a qualified pool professional.

Notes: Always follow product label instructions and consult your pool professional for recommended chemical ranges, treatment procedures, and maintenance guidance specific to your pool and equipment.

Important: Store pool chemicals in a cool, dry, well-ventilated area away from children, pets, heat, moisture, and incompatible products. Never mix chemicals together. Always add chemicals according to the product label and pool professional instructions.

New Pool Startup and First 30 Days

Test water frequently during the first several weeks of operation. New fill water, startup chemicals, heavy use, rain, heat, and equipment adjustments can cause chemistry to change quickly. Keep circulation running as directed by your installer or pool professional and do not add chemicals directly to the pool surface.

Routine Maintenance Schedule

Daily or As Needed

- Check the water level and keep it at the proper midpoint of the skimmer opening.
- Remove leaves, insects, and floating debris.
- Confirm pump and filtration equipment are operating normally.
- After storms, heavy rain, or heavy swimming, inspect water clarity and test sanitizer and pH.

Weekly

- Test free chlorine, pH, and total alkalinity.
- Empty skimmer and pump baskets.
- Brush pool walls, steps, benches, tanning ledges, and the waterline using a brush appropriate for fiberglass surfaces.
- Vacuum the pool or run the automatic cleaner as needed.
- Inspect return jets for proper circulation.
- Check filter pressure and clean or backwash according to equipment instructions.

Monthly

- Test calcium hardness, cyanuric acid, metals when needed, salt level if applicable, and other extended chemistry levels.
- Inspect the gel coat for scale, stains, rough spots, or discoloration.
- Check lights, handrails, ladders, drains, covers, and safety equipment.
- Inspect equipment pads, valves, unions, and plumbing for leaks.
- Review chemical storage and remove expired or damaged containers safely.

Fiberglass Surface Care

- Use only cleaning tools and products that are safe for fiberglass pools.
- Do not use abrasive pads, wire brushes, sharp tools, or harsh cleaners on the gel coat.
- Do not pressure wash the pool surface unless specifically approved by Rainforest Pools -N- Composites.
- Do not allow metal objects, fertilizer, mulch, leaves, acorns, construction debris, or lawn chemicals to remain on the pool surface.
- Maintain balanced water to reduce the risk of staining, scaling, fading, or surface damage.

- If stains or scale appear, contact a pool professional before applying specialty treatments.

Minor Surface Scratch Repair

Minor surface scratches may be repairable by wet sanding and polishing the affected area. Surface repair should be performed carefully and only when the scratch is limited to the gel coat surface. If the scratch is deep, widespread, discolored, or if you are unsure of the severity, contact Rainforest Pools -N- Composites or a qualified fiberglass pool professional before attempting repair.

To repair minor surface scratches, wet sand the affected area using clean water and appropriate wet/dry sandpaper. Begin with a fine grit, such as **1000-grit**, and only move to a coarser grit if needed. Progress gradually from **1000-grit to 800-grit, 600-grit, and then 400-grit only if necessary**. Stop as soon as you reach a grit level that removes the scratch. **Do not use sandpaper coarser than 400-grit.**

After the scratch has been removed, work back up through finer grits to smooth the surface. Finish with **1000-grit, 1200-grit, or finer sandpaper**. The higher the finishing grit used, such as **1500-grit or 2000-grit**, the less buffing and polishing may be required.

After sanding, restore the shine using a heavy-cut automotive polishing or buffing compound suitable for fiberglass or gel coat surfaces. Buff carefully until the repaired area blends with the surrounding surface. Do not use abrasive pads, wire brushes, sharp tools, or harsh cleaners on the pool surface.

Equipment Care

Your pool equipment may include a pump, filter, heater, salt chlorine generator, automation controls, lights, valves, and cleaning system. Rainforest Pools -N- Composites does not manufacture pool pumps, filters, motors, electrical controls, or related equipment. These components are supplied and installed separately by your pool installer, builder, or equipment provider. Always follow the manufacturer's instructions for the specific pump, filter, and equipment installed with your pool.

Pool pumps and filtration systems use electricity near water and may operate under pressure. Before inspecting, cleaning, adjusting, or servicing pool equipment, turn off the system and follow the equipment manufacturer's instructions for releasing internal pressure. Never open or loosen a filter tank, clamp, lid, valve, fitting, or other pressure-related component while the system is running or pressurized.

Salt chlorine generators require proper salt levels, calcium control, pH monitoring, and periodic cell inspection. Always follow the salt system manufacturer's instructions. Salt pools are still chlorine pools and must be tested and balanced regularly.

Do not use pool equipment if a cord, plug, housing, switch, or electrical connection appears damaged, loose, overheated, wet, or unsafe. Turn off power to the equipment and contact a qualified professional. If you notice unusual noise, vibration, leaking, loss of flow, repeated tripping of breakers, pressure changes, damaged parts, or any unsafe condition, turn off the equipment and contact your installer or qualified service professional. Electrical service, bonding, grounding, lighting, automation, heaters, and pump wiring should only be inspected or serviced by qualified professionals.

- **Pump:** Keep baskets clean, maintain proper water level, and never operate the pump without water flow. Do not operate the pump when the water level is below the skimmer opening.
- **Filter:** Clean, backwash, or replace media as directed by the filter manufacturer.
- **Heater:** Maintain proper pH and flow. Improper pH can shorten heater component life.
- **Salt system:** Maintain salt level and inspect the cell according to the manufacturer schedule.
- **Automation:** Keep schedules updated and verify freeze protection or safety settings where applicable.

Storm and Heavy Rain Care

- Before a storm, remove loose furniture, toys, umbrellas, and accessories from the pool area.
- **Do not drain the pool before or after heavy rain unless instructed by a qualified professional.**
- After the storm, remove debris, check water level, test chemistry, and clean baskets and filters.
- If floodwater, mud, or contaminants enter the pool, contact a pool professional before swimming.

Important: Never drain a fiberglass pool without professional guidance. Groundwater pressure, heavy rain, or improper draining can damage the pool shell or surrounding structure.

Winterization / Freeze Protection

In freezing climates, winterization must be performed by a qualified pool professional. Improper winterization can damage plumbing, equipment, fittings, and the pool system.

Troubleshooting Guide

Issue	Possible Cause	Recommended Action
Cloudy water	Low sanitizer, poor filtration, high debris load, or unbalanced chemistry	Test water, clean baskets and filter, run circulation, and consult a pool professional if it persists.
Algae growth	Low sanitizer, poor brushing, or inadequate circulation	Brush surfaces, balance water, restore sanitizer, and verify circulation.
Scale or chalky residue	High minerals, high pH, or high calcium hardness	Test water and request professional guidance before using scale-removal products.
Staining	Metals, organic debris, chemical contact, or imbalanced water	Identify the source before treatment. Do not scrub with abrasive tools.
Low water flow	Dirty baskets, clogged filter, closed valve, low water level, or pump issue	Check water level, baskets, valves, and filter pressure. Call for service if flow does not improve.

Warranty and Owner Responsibilities

Warranty coverage may depend on proper installation, water chemistry, routine maintenance, equipment operation, approved repair methods, and timely reporting of concerns. Pool owners are responsible for reading and retaining all warranty documents, following care and maintenance instructions, and keeping records related to the pool and equipment.

Keep copies of water test results, chemical additions, professional service visits, equipment repairs, and any communication related to the pool. These records may be requested if a warranty concern or service issue is reported.

Rainforest Pools -N- Composites manufactures the fiberglass pool shell. Pumps, filters, heaters, salt chlorine generators, lights, automation systems, covers, plumbing, electrical components, and other related products may be covered by separate manufacturer warranties or installer workmanship policies. Pool owners should register applicable equipment and retain manuals, receipts, warranty cards, and service documentation.

Do not use abrasive tools, harsh cleaners, incompatible chemicals, unapproved surface treatments, or repair materials that are not suitable for fiberglass or gel coat pool surfaces. Do not drain, modify, repair, resurface, or alter the pool without professional guidance. Improper draining, unauthorized repairs, neglected maintenance, chemical misuse, or unapproved alterations may affect warranty coverage.

If a concern is noticed, report it promptly. Include clear photos, a description of the issue, pool model and color, serial number if available, installation date, builder or dealer information, recent water test results, chemical history, and service records.

Warranty review does not automatically confirm warranty coverage. Coverage, exclusions, limitations, and remedies are governed by the written warranty documents provided with the pool.

Owner Responsibilities Checklist

- Read and retain all warranty documents.
- Register the pool and applicable equipment.
- Maintain proper water chemistry and keep testing records.
- Use compatible chemicals, cleaning tools, and maintenance products.
- Keep water level at the proper operating height.
- Maintain circulation, filtration, and sanitation equipment.
- Inspect drain covers, fittings, lights, handrails, ladders, covers, and safety equipment regularly.
- Do not drain, modify, repair, or resurface the pool without professional guidance.
- Report concerns promptly with photos, water test results, and service history.

Homeowner Pool Record

Item	Details
Homeowner Name	
Property Address	
Installation Date	
Builder / Dealer	
Builder Contact Info	
Pool Model Color	
Pool Serial Number	
Pump Brand	
Pump Model	
Pump Serial Number	
Filter Brand	
Filter Model	
Filter Serial Number	
Sanitizer Type	
Sanitizer Brand	
Sanitizer Serial Number	
Heater Type	
Heater Brand	
Heater Serial Number	
Additional Info	

Daily Operation Records

Use the following pages to record pool or spa water chemistry, temperature, chemicals added, and maintenance activity. Chlorine and pH should be tested and adjusted daily. Record all water chemistry readings at least once per week and adjust accordingly.

Pool/Spa Daily Records

Use this log to record daily pool water chemistry, temperature, and maintenance activity.

[illegible]

Notes: Check water chemistry regularly. Chlorine and pH should be tested and adjusted daily. Record all water chemistry readings at least once per week and adjust accordingly.

Always follow product label instructions and consult your pool professional for recommended chemical ranges, treatment procedures, and maintenance guidance specific to your pool and equipment.

