

Congratulations!

Congratulations on your spa purchase. Our primary concern is for you to have a safe and enjoyable experience with your spa. In order to do so, please take time to thoroughly read all the manufacturer's instructions and the information provided. This packet is designed to be a permanent file for your information, warranties, receipts and instructions regarding your purchase. We hope you will find this packet helpful.



There are many values added to your life from your new spa; such as easing stress and tension, or just quiet relaxation. Therapeutic benefits include: relieving aches and pains, increasing circulation, and cleansing the skin and pores. As with anything of value your spa must be properly maintained. With understanding and experience, your spa can be maintained by spending as little as ten minutes a week.

Please keep in mind this is general information for ALL spas. Please refer to your owner's manual for your specific model on installation, use, and maintenance. If you have any questions or problems, please reach out to us at 913-888-7727.

Read First: Spa Safety:

YOUR SPA MUST BE PLACED ON A SOLID LEVEL AREA. Concrete slab or wood deck is recommended. Concrete slab should be at least 4" thick and wood decks should be built to local codes to support spa weight loads. If indoors, have proper ventilation and are designed to handle water spillage and access to equipment pack.

- Elderly persons, pregnant women, and those who have: heart disease, diabetes, or high or low blood pressure should not use a spa without medical consultation from their doctor.
- Children should only use a spa with adult supervision.
- Children under 6 years of age should **NOT** use a spa.
- A spa should not be used by an unaccompanied bather.
- Do not use a spa while under the influence of alcohol, anticoagulants, antihistamines, vasoconstrictors, vasodilators, stimulants, hypnotics, narcotics, tranquilizers, or anything that would impair your overall safety or judgement.
- **Always** check your water temperature before entering a spa. The maximum temperature allowed is 104° Fahrenheit, or 40° Celsius.
- Do **NOT** soak for longer than 15 minutes in 104° water. Long exposure times may lead to nausea, dizziness, and fainting.

- Never put your head underwater while in a spa.
- Cover the spa when it is not in use. (only use covers recommended by the manufacturer)
- Check all local ordinances concerning spa installation. Have required permits and utility clearances before installation.
- Do not use electrical appliances while near or in a spa.
- Always use a ground fault circuit interrupter. (GFCI)
- Use only a licensed electrician for electrical work.
- Read and follow all chemical directions carefully. Failure to do this may result in damage to the spa or yourself.
- Store all chemicals in a safe place away from children and pets.
- Carefully read the manufacturer's directions and warnings before using or operating a spa.
- Never use a spa with the cover half off. Completely remove the cover before use.
- **In case of emergency. Call 911 IMMEDIATELY!**

General Care & Maintenance

Spa Start-Up Procedures

- Clean your new spas using Natural Chemistry Clean & Perfect, easily found in the Family Leisure's store.
- Polish the surfaces of your new spa, using Leisure Time Spa Fast Gloss, easily found in the Family Leisure store.
- Fill your new spa with water.
- **Family Leisure recommends never using a water softener on the water in your spa.**
- Have your electrician connect your spa. Only use a licensed electrician.
- Turn on your new spa, and let the water warm up to 85° Fahrenheit.
- Test water for pH and total alkalinity. In areas where hard water is a problem, test for calcium hardness.
- To help prevent stains from metals present in your water, add SwimClear Metal Control, easily found in the Family Leisure's store.
- To help prevent scale from forming in and on your new spa use SwimClear Stain & Scale Prevent, easily found in the Family Leisure's store.
- After initial start-up, consult owner's manual or contact Family Leisure directly for additional information on your new spa.

WARNING: To avoid freeze damage, NEVER fill your spa when temperatures will be below 35 degrees during the next 24 hours!

Spa Skirting

Synthetic Cabinets

Your spa comes with a new high-grade synthetic cabinet. These cabinets are constructed of maintenance free material infused with UV inhibitors. This type of cabinet requires NO painting, staining, or sealing.

Shell

Acrylic Quarite or HDPE (High Density Polyethylene)

Cleaning of your spa surfaces should be done with non-abrasive, non-sudsing cleanser. We recommend using Natural Chemistry Clean & Protect.

Filter Cartridge

For your spa to have the healthiest life it can please clean your cartridge(s) monthly depending on use. Place your filter cartridge on a clean surface and spray them off using a garden hose. Rotate the filter cartridge as you spray it off to make sure you have removed all the debris and dirt you can. Allow the filter cartridge to dry, then inspect for calcium deposits or any oily film.

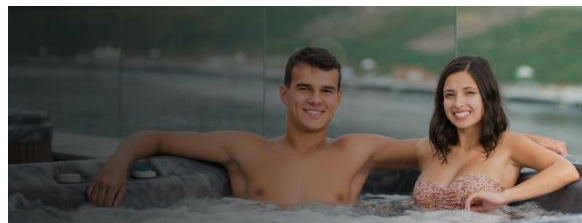
If your filter cartridge has calcium deposits (scaling) we recommend immediate replacement of that filter cartridge. Family Leisure recommends you keep extra filters on hand to be used as needed.

Family Leisure recommends doing a deep clean of your filter every 3 months with SwimClear Filter Clean. Soak your filters overnight, let them air dry, and replace them back into your spa. FOLLOW ALL WRITEN INSTRUCTIONS FOR USE OF FILTER CLEANER!

Spa Pillows

Your spa comes with head, neck, and/or other pillows for your comfort. These require regular cleaning and prevention services as well. Use a mild soap water solution to clean off oils from your pillows. The use of Leisure Time Cover Care & Conditioner after each cleaning to protect their exterior. **Spa pillows are not covered under any manufacturer warranties.**

Your spa pillows are susceptible to chemical burn. When you add chemicals into your spa always leave your spa cover off for an appropriate amount of time, Family Leisure recommends 15-60 minutes, to allow ventilation to prevent deterioration of your spa pillows. When not using your spa for a long period of time, we recommend removing your spa pillows to protect them until you are ready to use your spa again. To get replacement pillows for your spa, please bring one into our Service Department for us to match up your old pillow to a new one. Alternatively, you can send us pictures at ServiceKC@familyleisure.com and we will try our best to match it up from there.



Spa Operation

CAREFULLY READ THE MANUFACTURERS DIRECTIONS FOR YOUR SPA

As general rules, here is a list of things to think about and follow as you use your new spa. We at Family Leisure want you to enjoy your spa, and so we strive to help you take care of yourself and your spa in the best ways you can.

1. Do not fill your spa with water that is over 104° Fahrenheit. This may cause damage to the finish or equipment of your spa that may not be covered under warranty.
2. When filling your spa, follow manufacturers instruction process to avoid over filling and air locks.
3. Open all valves to permit proper water flow.
4. Inspect for leaks as you fill up your spa, EVERYTIME you fill up your spa.
5. Keep your thermostat at a constant setting, make small changes as needed until you are happy with your settings. NEVER SET YOUR SPA OVER 104°
6. Check and adjust your water conditions. In this packet there is a recommended inspection cycle we recommend you follow to be able to enjoy your spa to the fullest.
7. We recommend draining your spa once every 3-4 months depending on usage. Then we suggest following the same cleaning methods we covered in the spa start-up procedures, earlier in this packet.
8. Check, clean, and replace your filter cartridges as often as needed as per use and manufacturers instructions.

Water Chemistry

- Test pH weekly and maintain a pH balance of between 7.2 and 7.6. Adjust your chemical usage as needed. Use SwimClear pH Down if your pH is over 7.6, and use SwimClear Spa Up if your pH is below 7.2.
- Test alkalinity weekly and maintain a level between 80 ppm and 120 ppm. Adjust your chemical usage as needed. Use Leisure Time Spa Down if your alkalinity is above 140 ppm, and use Leisure Time Spa Up if your alkalinity is below 80 ppm.
- Check your water hardness regularly.
- Test your chlorine/bromine weekly and maintain a proper sanitization level. To adjust your chlorine/bromine levels use SwimClear Chlorine Granular. Chlorine and Bromine levels should be maintained at 3 ppm.
- To maintain the health of your water and spa, shock your water with Leisure Time Renew weekly and after each water change. If using an ozone system, we recommend using SwimClear Spa Oxidizing Shock.



For You:

As a thank you to you, Family Leisure offers a free water test service. After you have your spa up and running for 2 weeks Family Leisure strongly recommends you bring in a water sample to the store. We will test your water for free. We will guide you to get your spa to proper water chemistry. Family Leisure will also answer any questions you might have in regards to your spas operation, water balance, and basic maintenance. Based on your water test results we will recommend the proper chemicals, filters, and maintenance supplies for the next 6-12 months.

Quarterly you should:

- Drain your spa (to prevent solids from building up)
- Replace your quarterly filter
- Replace your Frog Mineral Cartridge
- Deep clean your yearly filter with SwimClear Filter Clean

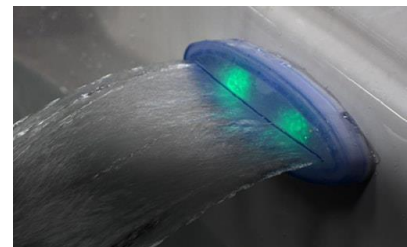
Frog Products®

There are a few methods to keeping your spa in its best health for cleanliness, longevity, cost of maintenance, and convenience for you. Family Leisure and Frog Products® have developed an exclusive product line for your spa. This system is designed for long term efficient delivery of your chemicals, this is to give you the best experience with the least amount of stress. We recommend this product over any other products due to its superior functions. Before you attempt alternative methods of chemical control, please talk with our cashiers who are trained on the chemical balance for your spa. Family Leisure wants you to have the safest and easiest possible experience with your new spa. One of the following will apply to your spa:

Your spa may come with what is called a Frog Chamber®. This is a built-in cartridge chamber for Frog Products®. If your spa comes with one of these, Family Leisure has set you up with your first of each of your Mineral and Cleaner cartridges. These cartridges just fit right into your Frog Chamber®, you just set your release levels on each cartridge, snap it into its spot, and reinsert your Frog Cartridge® back into its spot in your spa. This will allow you to know your spa is keeping itself clean with out you having to worry about daily adding cleaner or minerals to your spa. Still follow up with your regular testing and adjust as needed. This system is meant to help you enjoy your spa with the least worrying, to make it as enjoyable as possible.

If your spa does not have the built in Frog Chamber®, Family Leisure highly recommends the use of Frog @EASE® Floating System. We have provided the first round of treatment for you to use. This @EASE® Floating System is incredibly easy to use. Just follow the instructions on the package, then put it in your spa. Follow up with normal testing and adjust your chemical release accordingly. But then once your @EASE® Floating System has run empty it flips over. This is a super convenient way to know when it needs replacing. Just come on into Family Leisure and get your next supply of the system.

For refills on either of the above systems just come into Family Leisure and speak with our cashiers, they will help you find the right refills and any other supplies you need. Remember to always follow the maintenance schedule included in your owner's manual. This will allow you to use the least amount of chemicals and will lead to a safe and long life for your spa. Please feel free to call or come in to Family Leisure if you have questions or concerns about your Frog Products® or any other questions about your new spa.



Winterization

We know what a pleasure it is to use a spa in the cold weather. The warmth and relaxation of using your new spa in the cold winter is its own reward. With that said, in times of cold and snow there are some precautions you need to follow to protect your spa.

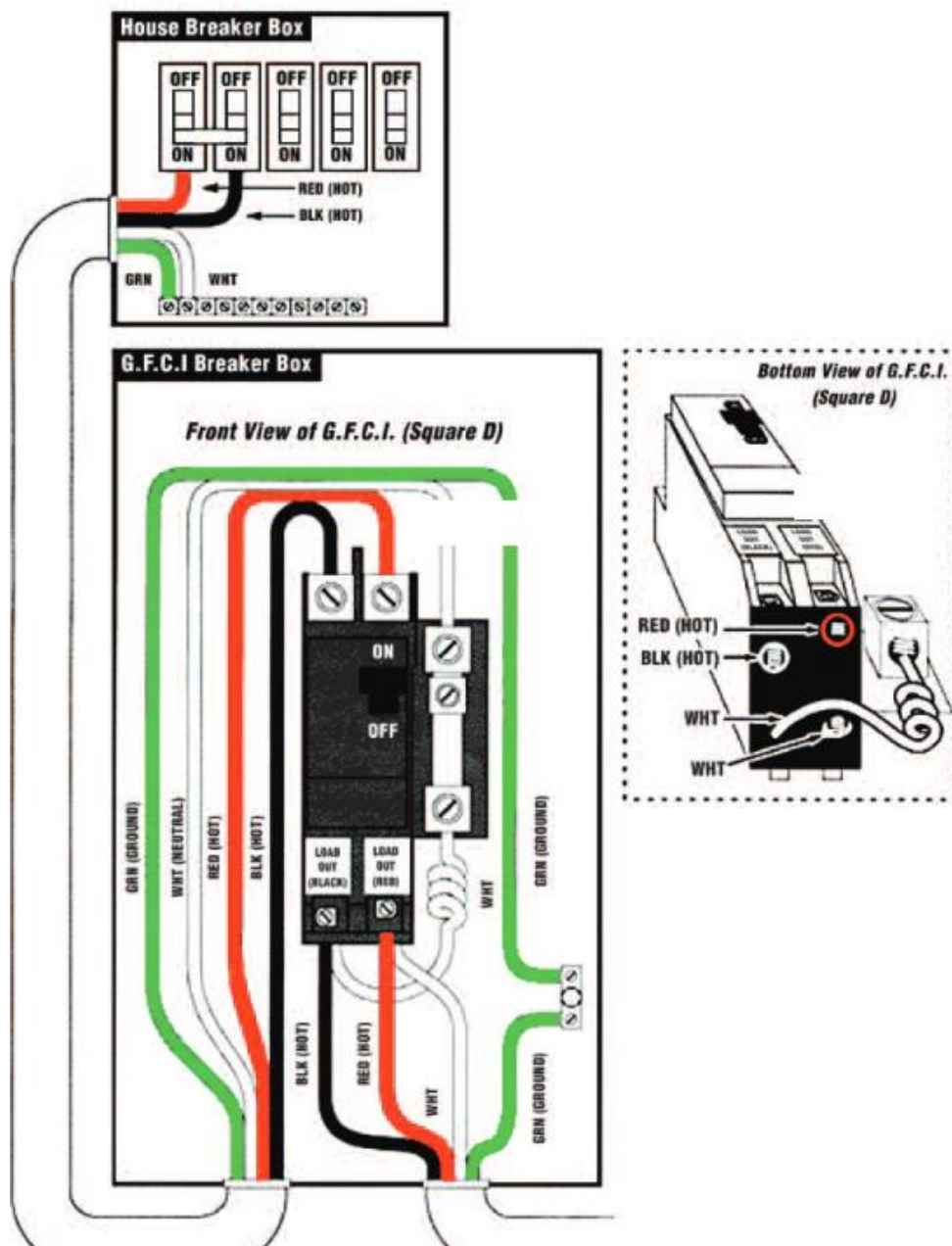
- Always keep your spa running.
- Always keep your water temperature well above freezing.
- Always use your spa cover when not in your spa.
- Remove excessive snow build up on your spa cover.
- Maintain correct water chemistry for your spa.
- Replace filters as needed.

If for any reason you can not maintain the above list or don't anticipate using your spa during the winter months you can winterize your spa. We at Family Leisure advise caution when considering this methodology. You can refer to your owner's manual for instructions on how to winterize, but frost damage is NOT covered under warranty. **ANY DAMAGE CAUSED BY FREEZING IN YOUR SPA IS NOT COVERED UNDER WARRANTY!**



Electrical Requirements

Your new spa will need special electrical connections for proper use, Family Leisure recommends you **ONLY** use a licensed electrician for this service. If your spa is a 110v connection, it will come with its own GFCI built-in plug. The outlet it connects to should be a dedicated line from the breaker box, otherwise if you use your spa at the same time as other things on that circuit it is likely to pop the breaker. When connecting a 220v spa always have your electrician use a 6 gage 4 wire cable. The breaker they use should be a 60-watt breaker. Furthermore, your electrician may find the following illustration helpful.



ELECTRICAL SPECIFICATIONS

GENERAL

NOTICE: All spa electrical wiring must be performed by a qualified, licensed electrician in order to meet NEC (National Electrical Code) state and local codes.

1. The lines carrying power to the spa must be dedicated to the spa and should not be shared with any other appliance(s).
2. All electrical wiring lines must originate from the electrical panel and terminate, hard wired, into the electrical wiring compartment. The use of extension cords or improper plug type termination is expressly prohibited and voids the warranty.
3. Do not use aluminum wiring. **Use only copper conductive wiring.**
4. **Wire gauge must be in accordance with NEC requirements** for the distance from current source to spa and the current rating as stated on the ID label that is attached to the equipment control enclosure.
5. All wiring installed in conduit must be approved for usage by state and local codes. The conduit must terminate at the electrical access compartment either from the bottom of the spa or through a hole in the side panel of the spa.

Spa Weekly Maintenance

Please print out or tear out this page for your regular use and records.

Weekly Maintenance:

- Rinse/Clean filter cartridges
- Maintain chemical balance

Monthly Maintenance:

- Test GFCI

Quarterly Maintenance:

- Drain and refill spa
- Replace filter cartridges as needed
- Visually inspect exterior of your spa
- Clean and polish spa shell
- Clean cover and apply conditioner
- Deep clean filters with SwimClear Filter Clean

Annual Maintenance:

- Remove and soak jets
- Replace filter cartridges as needed

Sample Maintenance Schedule

This is a sample weekly schedule, please refer to your owner's manual for more details.

Monday: <ul style="list-style-type: none">• Test pH and total alkalinity• Add granular chlorine• Add Spa Defender	Wednesday: <ul style="list-style-type: none">• Add renew tabs• Add Spa Perfect	Friday: <ul style="list-style-type: none">• Test pH and total alkalinity• Add granular chlorine	Maintenance: <ul style="list-style-type: none">• Empty water and clean every 3-4 months• Hose off filters every 2 weeks• Deep clean filters at least quarterly
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