

A Guide to Nordic Hot Tub Care and Maintenance

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Spas and More!
12957 Gravois Rd.
Sunset Hills, MO 63127
(314) 843-7727

PLEASE FOLLOW THE STEPS ON THIS PROGRAM SHEET FOR SET-UP, DAILY, AND WEEKLY MAINTENANCE OF YOUR HOT TUB.

THE IDEAL WATER BALANCE

Test	Ideal Range	Associated Product
pH	7.2 - 7.8 PPM	SpaBoss pH Minus, SpaBoss pH
Total Alkalinity	80 - 150 PPM	SpaBoss pH Minus, SpaBoss Alka-Rise
Calcium Hardness	150 - 250 PPM	SpaBoss Cal-Rise
Chlorine	1.0 - 3.0 PPM	SpaBoss Chlor-Aid

SPA CHEMICAL GUIDE

Test Strips Checks for recommended levels of chemicals

Cal-Rise Raises calcium hardness

Alka-Rise Raises total alkalinity

pH Plus Raises pH; helps prevent eye and skin irritation

pH Minus Lowers pH and total alkalinity

Chlor-Aid Chlorine sanitizing agent

Spa Shock Oxidizes organic contaminants

Defoamer Temporarily removes foam

Descummer Enzyme that helps break down oils

Prevent II Sequestering agent that prevents staining and scale formation

SIX STEPS TO STARTING UP YOUR SPA

***To Be Completed at Initial Start-up and any Subsequent Refills of the tub**

Step 1: Place OPTIONAL Nature 2 cartridge in correct location for hot tub if applicable. This is good for three months and eliminates minerals that cause problems with calcium and lime buildup.

Step 2: Fill spa with unsoftened water to the MINIMUM FILL LINE shown on the skimmer plate or to the top of LED lights.

Step 3: Set the filter timing to "Fil 6" or "F6" depending on your specific model per your owner's manual instructions. The preset timing is NOT adequate to keep your new spa clean!

Step 4: Add 2 ounces of PREVENT II as water is being added. Always circulate water for 10 to 15 minutes when you add any chemical to your water. If well water is used or water with high mineral content, add 4 ounces of PREVENT II.

Step 5: Test water for pH and Alkalinity using test strips. Adjust as necessary to achieve acceptable levels. **Make sure pH and Alkalinity are in acceptable range before proceeding with next step.**

Step 6: Add 2 ounces of CHLOR-AID to begin sanitizing the water.

Spa Maintenance Schedule

After Each Use: Add 1 tablespoon of SPA SHOCK to circulating spa water

Weekly: Add 1 teaspoon of CHLOR-AID to circulating water to disinfect spa.

Weekly: Check ALL spa filters and clean thoroughly spraying with a garden hose. Make sure to spray up and down in between all pleats. Using the dish water is NOT recommended.

As Needed: Add 1 ounce of DESCUMMER to circulating water to eliminate body oils, perspiration residue and other scum that will accumulate. Do not put in the same day as Chlor-Aid!

As Needed: If water is cloudy or hazy, ADD one or two tablespoons of CHLOR-AID.

Once or Twice a Week: Check ALKALINITY and pH using your test strips and adjust as necessary.

Quarterly: Clean your filter using a cartridge filter cleaner per container instructions.

Every 12 to 18 Months: Drain and refill your spa and replace the EcoPur mineral filters. Then, repeat start-up procedures.

Every 6 Months: Turn your spa cover inserts over by unzipping, removing, and turning them over.

Helpful Hints:

-Always shower and rinse off prior to using your spa to maintain clean, healthy spa water.

-**ONLY** ever add 1 or 2 drops of DEFOAMER to your spa water. Use a shop vacuum to remove excess foam at any-time it is needed.

-Always double rinse to get as much detergent out of swim wear as possible.

-It is normal that there be no chlorine residual showing on your test strip during normal operation!

-Always follow this sheet's instruction, NOT the bottle's instruction.

Cover Maintenance Tips:

-Every six months, remove and turn over all styro-foam inserts to keep cover from sagging in the middle.

-Every time you change the water, clean the underside of your cover with clean water and a mold & mildew remover.

-Always keep the vinyl spa cover clean and treat it with a cover treatment every 2-3 months, like 303 protectant.

-Always leave your cover open for at least 15 minutes after adding Chlorine to the spa water.

Problem	Possible Causes	How to Fix It
"It smells like chlorine!"	Excessive chlorine	Shock water with Spa Shock treatment
	Low pH	Adjust pH if necessary
"The spa water smells bad!"	Low levels of sanitizer	Adjust sanitizer level with Chlor-Aid
	pH out of range	Adjust pH if necessary
	Bacteria or algae growth	Adjust sanitizer level with Chlor-Aid
"I have cloudy water."	Dirty filters or inadequate filtration	Clean filters with cartridge cleaner and adjust filtration
	Water chemistry is not in balance	Adjust chemistry levels
	Suspended particles or organic materials	Clean filters and add chlor-aid
	Old water	Change spa water
"The water is irritating my eyes and skin."	Unsanitary water	Shock spa with Spa Shock
	Free Chlorine Level above 5 PPM	Allow levels to drop below 5 PPM
	Poor sanitizer/pH levels	Adjust according to spa test strip results
"My water keeps foaming!"	High levels of body oils, lotions, soap, etc.	Add small amount of Defoamer and check water chemistry
"I'm getting an LF (Low Flow) error message."	Dirty clogged filters	Clean or change the filters
"I have scum deposit at the waterline."	High levels of body oils and dirt	Use a multi-purpose cleaner to clean the spa surfaces and add Descummer to the water
"My water has chalky, white scale deposits."	Minerals in the water	Add Prevent II