INSTANT™ FROG

Patented Mineral Disinfectant for In Ground Pools Instruction Manual

FRESH MINERAL WATER

Cleaner
because it kills bacteria two ways

Clearer
because it helps keep pH in range

Softer
because it reduces chlorine use up to 50%*

Easier
prefilled for no mess, no guess and no stress

Specifications:

- **For in ground pools ONLY**. Not to be used in above ground pools.
- Lasts 6 months once product is wetted.
- Easy to set reminder dial for product replacement.
- Reduces chlorine use up to 50%* (with chlorinator or floater turn setting down or use fewer tablets).

Step 1: Preparing the Pool

1. Make sure the pool has adequate circulation. For pools the water must completely circulate through the pump and filter at least 1 to 2 times per day. This usually requires 8 to 12 hours but check with your dealer to make sure.

2. Check the pool's filter gauge often and periodically clean filter per the manufacturer's directions. A dirty filter will slow the flow of water which could hamper proper circulation.

3. Check the Water Hardness of your fill water before adding to the pool. If calcium content is higher than 400 ppm find a soft water source to fill your pool instead; other wise water balance will be very difficult

4. If using source water that is high in iron or other metals, see your dealer before filling or topping off a pool. It may require the use of a metal control product.

5. Before beginning with any water care program, you must first balance your water. At spring start-up for pools always circulate the water for at least 24 hours before testing it. Take a water sample to your local pool professional or use a complete test kit that will test for the important Water Balance Guidelines.

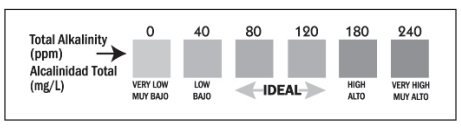
Our recommendation for achieving water balance is to follow steps a through e in order.

IMPORTANT: Always follow printed instructions on the balancing chemical packages. Add balancing chemicals in small increments one at a time with circulation running and wait 8-12 hours before testing again and adding any additional balancing chemicals.

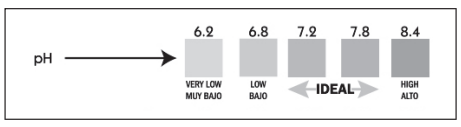
Water Balance Guidelines	
pH:	7.2 – 7.8
Total Alkalinity:	80 - 120 ppm
Hardness:	200 - 400 ppm
Total Dissolved Solids:	<1500
Cyanuric Acid:	20 - 80 ppm
Free Chlorine:	0.5 - 1.0 ppm

a. Take a water sample from the pool and dip a FROG® Test Strip into it.

b. Look at the **Total Alkalinity** reading first. Adjustments should be made to bring the Total Alkalinity in the **range of 80 – 120 ppm** prior to making any adjustments to pH even if it throws pH off further.



c. After Total Alkalinity is in range, **test for pH**. It should be **between 7.2 and 7.8.** If higher or lower, add a pH adjuster.



d. Then test for **Hardness**. It should be **between 200 and 400 ppm**. If higher, partially drain the pool and fill with water low in calcium. If lower, add Calcium Increaser.

e. Lastly test the cyanuric acid levels. Add cyanuric acid if the level is below 20 ppm. This will prevent chlorine burn off in the pool.

If balancing takes longer than 2 days shock the water and maintain a chlorine level while continuing balancing. Follow manufacturer's directions carefully.

6. After balancing the water, shock the pool with an EPA registered chlorine shock to rid the water of all contaminants.
NOTE: THIS STEP IS VERY IMPORTANT TO START-UP. USE CHLORINE SHOCK ONLY.

Step 2: Putting the System to Work

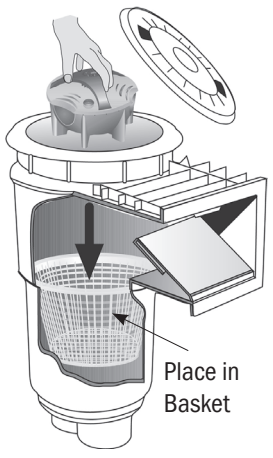
1.

Set reminder dial on the Instant FROG® to 6 months from date of installation. Turn dial by hand or with a coin if needed.

2.

Remove skimmer cover and skimmer basket handle if applicable. Insert the Instant FROG into skimmer basket.
DIAGRAM A

DIAGRAM A

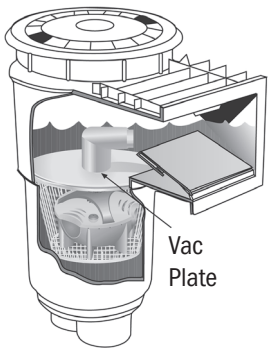


3.

If using the Instant FROG with a suction side automatic cleaner installed through the skimmer, it will be necessary to use a vac plate that may come with the skimmer or automatic cleaner.
DIAGRAM B

DIAGRAM B

See your dealer for the correct vac plate model for your pool.



Step 3: Routine Pool Care

1.

Run pump and filter at least 8 hours per day.

2.

Regularly test water for pH, total alkalinity and chlorine levels.

3.

Maintain at least 0.5 ppm chlorine level at all times. A chlorinator or floater is recommended. If using chlorine pucks in the skimmer basket, place them under Instant FROG.

4.

Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the shock treatment used.

5.

Check filter gauge regularly and clean or back-wash when needed per the manufacturer's directions.

6.

Periodically clean skimmer basket of excess debris as normal.

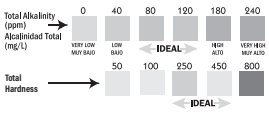
7.

REMEMBER TO REPLACE THE INSTANT FROG EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

Troubleshooting

Cloudy Water

1.



Check water balance. Ensure pH, Total Alkalinity, Total Hardness and Cyanuric Acid levels are correct.

2. Maintain recommended chlorine levels of 0.5 to 1.0 ppm in the pool.

3. Make sure your Instant FROG is not older than 6 months as it will be ineffective and more chlorine will be required to maintain the pool until you replace the Instant FROG.

4. Make sure the pool has adequate circulation.

5. Shock the pool to regain clarity.

Algae

1. Use an algaecide following manufacturer's directions carefully. This may involve more than one dose.

2. Run circulation 24 hours a day and brush the sides of the pool often.

3. When clarity starts to return, shock the pool.

4. To prevent algae for 90 days try FROG BAM® Algae Preventative.

FROG

Manufactured for King Technology, Inc.
6000 Clearwater Dr, Minnetonka, MN 55343
800-222-0169 | frogproducts.com
Register your Instant FROG at frogproducts.com

Ver la versión en español de este manual en frogproducts com

**Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.*

∞ For pools and hot tubs.

Learn more at frogproducts.com or call 800-222-0169

Made in U.S.A.
Patents: kingtechnology.com/IP

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