

FROG® LOW-CHLORINE MINERAL SYSTEM

There are three parts to the complete SPARCO FROG® Low-Chlorine Mineral System - the Cyclor, Mineral Reservoir and the pre-filled chlorine Bac Pac.



[Click here to view an instructional video on how to use the SPARCO \(FROG\) Cyclor and installing the reservoir & Bac Pac](#)

- The SPARCO **Cyclor** acts as the "water treatment center" and controls the flow of water through the system. No extra plumbing. No electricity. No extra headaches!
- The **POOL FROG® Mineral Reservoir**, which contains our EPA approved mineral formula and fits inside the Cyclor. The minerals continually replenish themselves for added protection against bacteria, as well as keeping your pool's pH balanced by acting as a neutralizer. One Mineral Reservoir will last the full season or up to 6 months; use two reservoirs for year-round pools.



SPARCO Cyclor



- The **pre-filled chlorine Bac Pac** is then inserted into the Mineral Reservoir dispensing low levels of chlorine for 1-3 weeks.* The complete SPARCO Cyclor FROG® Mineral System allows you to cut chlorine use by up to 50% over standard water treatment programs.

**Time may vary due to pool size, weather conditions, usage levels, and other factor*

Mineral Reservoir & Bac Pac

The patented Control Dial on the front of the Cyclor lets you manage the amount of water flowing through the system. Water is circulated upward into the Mineral Reservoir and chlorine Bac Pac simultaneously. The erosion design of this system continuously dispenses chlorine at a precise low level (only 0.5 is needed). Once you've determined the correct setting for your pool just set it, then forget it for weeks at a time!

The proper dial setting is important for maintaining the correct chlorine level. Refer to the complete manual below for detailed instructions on how to achieve the correct setting. For a quick lesson, begin with 1ppm chlorine residual in the pool after shocking. Then add chlorine to your unit and use the chart in your manual for an initial dial setting by lining up your pool size, pump size in horsepower, and filtration time per day. Set the dial and monitor daily until the level remains within your desired chlorine level. Increase or decrease the dial setting by ½ increments only per day until the proper setting is reached.

CAUTION Read Carefully: Use only the factory recommended replacement POOL FROG® Mineral Reservoir, and POOL FROG® Bac Pac. DO NOT use any other pac or bulk chemical tablets in the SPARCO Cyclor. Use of any other product could result in damage to the pool equipment or surface, unsafe pool conditions, fire or explosion. Avoid sparks, open flame or smoking near the Bac Pac and wash hands thoroughly after handling.

Recommended Water Balance Guidelines when using this system:

Total Alkalinity	80-150 ppm	pH	7.2-7.6
Calcium Hardness	200-400 ppm	Cyanuric Acid	30-50 ppm
Free Chlorine	0.5-1.0 ppm		

Weekly Routine Maintenance:

1. Test water; balance alkalinity and pH, if needed.
2. Check Bac Pac; replace every 1-3 weeks, as needed.
3. Shock pool with non-chlorine shock, 1 lb. per 10,000 gallons.

[Click here for the complete FROG® Mineral Low-Chlorine System Operating Manual](#)

Replacing POOL FROG® Bac Pac

1. colored caps



- POOL FROG® Bac Pac recommended to assure up to 50% reduction in chlorine use*. POOL FROG® Bac Pac sold separately. (EPA Reg. No. 53735-2)

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

2.



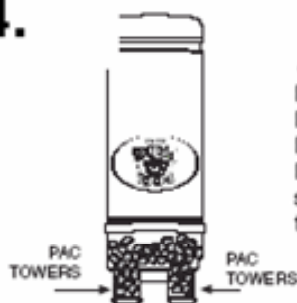
- Avoid sparks, open flame or smoking when handling the POOL FROG® Bac Pac.

3.



- To remove POOL FROG® Bac Pac colored caps, grab on to the lip of one cap with a pliers and pull up until cap releases. Repeat the process for the other cap.

4.



- Holding the POOL FROG® Bac Pac over the POOL FROG® Mineral Reservoir turn POOL FROG® Bac Pac over and shake slightly until chlorine tablets fall into tower areas.

5.



- Line up the small leg of the POOL FROG® Bac Pac with the small opening in the POOL FROG® Mineral Reservoir and the large leg with the large opening. Lower POOL FROG® Bac Pac into POOL FROG® Mineral Reservoir until secure.



6.



- Replace cap by hand only. **DO NOT OVER TIGHTEN.**



- **DO NOT USE CAP TOOL TO TIGHTEN CAP.** Use for removal only.

7.



- Mark your calendar for the six month replacement of the POOL FROG® Mineral Reservoir, 90-day replacement of FROG BAM® and approximate replacement times for the POOL FROG® Bac Pac. Once wetted, the time-released mineral coating of the POOL FROG® Mineral Reservoir is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if you hear the spent media inside, it is no longer effective and must be replaced.