

Instructions for Phosphate Removal

Signs of when you should have your phosphate level checked

- #1 Excessive chlorine and sanitizer use
- #2 Any signs of algae
- #3 Cloudy Pools
- #4 Trouble keeping a pool balanced

Step #1 If your pool is **Cloudy or Green** - shock and/or treat algae before continuing.
When the pool is clear of algae and the chlorine/sanitizer levels are normal take a phosphate test

Step #2 Determine which products you will need :

Phosphate levels below 300 ppb begin with Pool Magic & Phosfree then continue the maintenance program with Pool Perfect + Phosfree on a weekly basis

Phosphate levels between 300-1200 ppb Use Phosfree until the level drops below 300 ppm

Phosphate levels over 1200 ppb have three options

- #1 Phosfloc *** **MUST be able to vacuum to waste** After adding Phosfloc and vacuuming to waste, test and repeat step 2
- #2 Phosfree Commercial Strength *** Will temporarily cloud pool
- #3 Add Phosfree following directions below, and test after 48 hours. If level is still high repeat.

Step #3 Before beginning, clean the filter thoroughly (For gummed up filters try using Natural Chemistry's Filter Perfect)

Step #4 All Phosfree products work by collecting on the filter to remove the phosphates, therefore add the product directly to the skimmer.

Note: If accidentally added to the pool water, Don't panic. Turn the circulation off and allow the Phosfree (resembles whitish powder) to settle on the bottom of the pool then simply vacuum to the filter.

Determine the dose of Phosfree or Phosfree Commercial needed before beginning using the chart on the back label. **Shake Product Well**

*** Only add 1 Ltr of the Phosfree slowly to the skimmer at a time. The filter pressure may start rising. Allow to circulate for an hour, keeping an eye on the filter pressure.

Do not allow the pressure to exceed 10-12 lbs over the normal running pressure.

Add another 1 Ltr of the Phosfree slowly to the skimmer. Allow to circulate for an hour, keeping an eye on the filter pressure.

*** Continue this step until the required dose is added and/or until the pressure reaches 10 lbs above normal running pressure.

Step #5 The product should remain on the filter media for 48 hours of filter run time.
filter running 48 hours continually **OR** filter running 6 days for 8 hours per day **OR**
filter running 8 days for 6 hours per day

Note: If the filter pressure rises above the 12 lbs or reaches the maximum psi recommended for your filter type, backwash for 5-10 seconds to remove some (but not all of the product) and turn your filtration system back on.

For DE filters use the bump feature or turn off filter for 1 minute and restart or place the valve on rinse, backwash, or filter to waste for 5 to 10 seconds. Turn filter off for 1 minute and restart.

Step #6 Test water for Phosphates, if the level is 100ppb or less, start the maintenance program with Pool Perfect + Phosfree OR....

Clean filter and repeat Steps 1-5 until the Phosphate load drops below 100 ppb. Then start with the Pool Perfect + Phosfree maintenance program

Note: Before closing your pool, drop the level of Phosphates to below 100 ppb using steps 1-6. After the level of chlorine/ sanitizer drops below 6 ppm add the Hasslefree Kit and circulate for 48 hours. For best results this should be the last step before covering your pool.

If pool has already been drained, add product directly to pool.