

# Understanding Sand Filters

POOL CARE SOLUTIONS

Clear, sanitary water requires both proper chemistry and filtration that includes a well-performing filter and adequate circulation from the pump. Whereas cloudy or hazy water can be a result of the chemistry, it also may be caused by inadequate filtration.

## When to Change Filter Sand

Some filters can operate 5-10 years or more without any change in the sand. It's all a factor of the many conditions to which a filter is exposed. Yet, some filters may need cleaning after only a few years of operation. Indications of a filter that is in need of a sand cleaning or change are as follows:

- Pressure building up faster requiring more frequent backwashing
- Higher than normal pressure after backwashing
- Cloud bursts appear out of return jets after backwashing
- Hazy water

## Cloudy Water - Chemistry or Filtration?

*Chemistry* - If there is a problem maintaining clarity, be sure the pH is in range and the free chlorine level is 1.5-3.0 ppm. Give the pool a double shock treatment. For each 10,000 gallons, use 2 pounds of either TURBO SHOCK or WHITE LIGHTNIN'. If the water remains cloudy after 24 hours, the filter may be the cause of your problem.



*Filtration* - After you've checked your chemistry and shocked, and before considering an on-site filter inspection or sand change it is wise to do the following:

1. Clean the sand using SAND SCRUBBER. This is added through the skimmer during the backwash cycle. This unique formulation helps remove caked-up materials and oils that have built up inside the filter.
2. Add ULTRA CLARIFIER to the pool. Many tiny particles can easily go through the sand filter without being trapped. ULTRA CLARIFIER coagulates the tiny particles into larger particles, which are quickly removed by the filter.

## If the Water Remains Cloudy

Should SAND SCRUBBER and ULTRA CLARIFIER not solve the problem, a professional technician should be scheduled to inspect the filter system. A sand change or cleaning may be required at that time.

## Changing Sand - Consider ZeoSand!

When changing sand, consider the added benefits of using ZEOSAND, instead of regular filter sand. ZEOSAND provides better filtration and longer filter cycles. You will visibly notice the difference. Ask any Sales Associate for details.



## Note: Sand in the Pool

Filter sand escaping from the filter and settling on the pool's floor is an indication of something cracked or broken in the filter's lower collection system. However, it is common for fine dirt, sediment, or mustard algae to be confused as filter sand. Carefully inspect the sediment on the pool's floor to be sure it is filter sand before calling a technician.