

HOW TO CHANGE YOUR FILTER SAND



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Changing your filter sand should be done every 5-7 years. Over time, the sand gets worn down and becomes inefficient at filtering out debris and contaminants. It is extremely important to have the best filtration you can get, in order to keep harmful waste, microorganisms and bacteria from circulating in your pool water.

**It is important that you only use sand rated for pool filters. Ensure that you know how much sand you need to add to your filter. You should NEVER underfill or overfill your filter.

**To prevent any problems from occurring, you should purchase a new filter head O-ring and the proper O-ring lubricant.

- 1 Make sure the pump is turned off before you start.
- 2 Remove the drain cap and place it in a safe place.
- 3 Loosen the clamp or remove the bolts on the filter head. Make sure all loose pieces are in a safe place so they are available for reassembly. If there are unions connecting the plumbing to the filter head, disconnect them so it is easier to remove.
- 4 Gently twist and pull the filter head or multiport valve to remove it from the filter tank. Do not pull too hard as you can damage the standpipe and lateral assembly the multiport valve is attached to.
- 5 Once the multiport valve is off, use a shopvac to remove the old sand from the tank of the filter. If you do not have a shop vac, you can scoop the sand out however a shop vac will make the job easier.
- 6 Once the sand has been removed and you can see the laterals, slowly and carefully lift the lateral assembly up to the neck of the tank. Unthread or fold up the laterals so you can remove the entire assembly from the filter tank.
- 7 Gently wash away any old sand and inspect the entire assembly for cracks or other damage. Replace anything that is broken or looks worn.
- 8 Remove the remaining sand and rinse the filter tank with a garden hose to clean out any remaining dirt or old sand. Reinstall the drain cap on the bottom of the filter.
- 9 Fill the filter tank approximately halfway with water and place the lateral assembly back in the tank. Once it is in the tank, thread the laterals in place or reposition them by folding them down.

**The lateral assembly just sits on the bottom of the filter tank. Take special care to center the standpipe correctly and do not move it once you start adding sand.

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- 10 Cover the top opening of the standpipe with tape so no sand is able to get in and clog the laterals.
- 11 Carefully and slowly, start adding new sand to the filter tank until the laterals are fully covered. Once the laterals are covered, level out the sand and continue to add the remaining amount of sand as evenly as possible around the filter tank.
- 12 Anytime you remove the multiport valve, you should replace the O-ring. Make sure to use silicone O-ring lubricant for a tight seal. NEVER use petroleum based lubricants such as Vaseline on O-rings as this will cause them to warp and crack.
- 13 Remove the tape from the standpipe and place the multiport valve back on the filter tank. Secure and tighten the clamp or thread the bolts back in around the multiport valve.
- 14 Reconnect unions or any plumbing that was removed from the filter ports. If there are no quick disconnect unions, this may be a good time to install them. Quick disconnect unions will make any future maintenance much easier.
- 15 Once the multiport valve has been reinstalled and the plumbing properly hooked up, turn the filter dial to the "Backwash" position and turn on the pump. Run the backwash for approximately 2 minutes to flush out any smaller granules of sand that may fit through the laterals. After backwashing for a couple of minutes, turn off the pump and switch the filter head to the "Rinse" position for approximately 1 minute.
- 16 Turn the pump off and set the filter valve to the "Filter" position.

**It is very normal to see small amounts of sand in the pool up to a week after a sand change. If it persists for longer than a week or you notice large amounts of sand in the pool, the lateral assembly inside the tank may be damaged.

**Use Filter Cleaner to chemically clean your filter sand at the end of every season. This will help prolong the life of the sand by removing small contaminants such as oils and greases.

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