



## Letts Swimming Pools

### Backwashing your swimming pool filter

As your filter is working and extracting debris and particles from the pool water, it will slowly be clogging up. In its normal function water passes into the top of the filter vessel, down through a bed of sand or glass granules, and out again back to the pool. Backwashing involves reversing the flow of water through the filter to lift the debris from the sand, and put it straight down the drain. The large six-position multi-port valve (MPV) directs the water flow through the filter in a number of different paths.

The MPV is often equipped with a pressure gauge. As the filter becomes blocked, the pump will have to work harder to force water through, and the pressure shown on the gauge will rise. It is a good idea to mark the position of the gauge needle with a felt pen after the filter has been backwashed. A second mark about 4psi higher will serve as a good guide to when backwashing should take place

Normally the filter valve is set to "Filter". To alter its position, depress the handle and rotate.

**Never change the MPV position with the pump running. This can cause severe damage.**

Follow these instructions to complete a backwash:

1. Switch off the pool pump.
2. Close the skimmer and vacuum valves that are connected to the end of the pump. The skimmer valve should be closed in case the pool water level drops and allows air to be drawn in.
3. Set the MPV to "Backwash", and open the waste valve if there is one.
4. Switch on the pump, and run for about 3 minutes.
5. Switch off the pump and set the MPV to "Rinse".
6. Switch on the pump and run for 30 seconds.
7. Switch off the pump, set the MPV to "Filter", close the waste valve.
8. Switch on the pump. The pool is now circulating normally through the filter.
9. Check the water level in the pool and top up if necessary. Once the water is filling the skimmer, the skimmer valve next to the pump can be re-opened.

These instructions are a guidance only when addressing specific problem(s) with your pool. Without knowledge of all the variables in a given situation we cannot take responsibility for any damage that may be caused by non-Letts personnel when carrying out these tasks.

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