



# **SAND FILTER BACKWASH PROCEDURE**

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## Sand Filter Backwash Procedure – Dial Valve Systems

**Applies To:** Swimming Pool & Hot Tub Sand Filters with Dial (Multiport) Valve

**IMPORTANT:** Never turn the dial valve while the pump is running.

### A) Pool Sand Filter – Backwash Steps

- 1 Turn OFF the circulation pump.
- 2 Press down handle and turn dial valve to BACKWASH position.
- 3 Turn ON pump. Backwash until sight glass runs clear (typically 2–5 minutes).
- 4 Turn OFF pump.
- 5 Press down handle and turn dial valve to RINSE position.
- 6 Turn ON pump for 20–30 seconds.
- 7 Turn OFF pump.
- 8 Press down handle and turn dial valve to FILTER position.
- 9 Turn ON pump and confirm normal pressure and strong return flow.
- 10 Record starting and ending pressure in log book.

### B) Hot Tub Sand Filter – Backwash Steps

- 1 Turn OFF hot tub circulation pump.
- 2 Press down handle and turn dial valve to BACKWASH position.
- 3 Turn ON pump. Backwash until sight glass runs clear (typically 1–3 minutes).
- 4 Turn OFF pump.
- 5 Press down handle and turn dial valve to RINSE position.
- 6 Turn ON pump for 20–30 seconds.
- 7 Turn OFF pump.
- 8 Press down handle and turn dial valve to FILTER position.
- 9 Turn ON pump and confirm proper flow and normal operating pressure.
- 10 Top up water level if required and retest chemistry after circulation stabilizes.

### Quick Troubleshooting

- High pressure after backwash – Repeat backwash and rinse cycle.
- Low pressure / weak flow – Check skimmer baskets, pump strainer, and valve position.
- Sand returning to pool – Stop operation and report immediately (possible lateral damage).

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