



Poor Suction?

The question is common and most times easily solved. Its vitally important to eliminate possibilities one step at a time.

The pool cleaner may become sluggish or stop working completely for a number of reasons as listed below and we will discuss each accordingly:

1. Pressure builds up inside the filter tank.
2. Air is being drawn into the suction line between the weir and pool pump.
3. The mechanical seal on the Pool pump is worn.
4. The fingers inside the filter are blocked or the clear breather pipe.
5. Filter media is old/dirty.
6. The weir vacuum lid is cracked.
7. Pool hoses have holes/cracks.
8. Depending on the pool cleaner, the diaphragm or gears are damaged or debris stuck inside.
9. The Flow regulator at the weir is not set correctly.
10. Pump lid is cracked or O -Ring is damaged.
11. The pump diffuser/impeller inside the pump is worn or damaged.
12. The pump/weir basket is filled with debris.

Checks.

The order of checks is done according to most common to more complex. Please check the following.

1. Ensure the weir vacuum lid is not cracked/damaged.
2. Pool Pipes are not cracked/damaged.
3. Flow regulator is set at Medium suction.
4. Pool pump lid and O-Ring are not damaged.

5. Pool cleaner Diaphragm is not split/damaged.
6. Have a general look at the cleaner should it have gears. Make sure it has no debris jamming the wheels etc.
7. Open the filter and check condition of Filter media. Be it Sand/Glass/Clinobright/Eco-Fiber or cartridge filters. Open backwash the system/clean Fiber/Rinse Cartridge filter and replace. If the Filter media is old/worn, it may be time to replace. Most media has a 3 year life span.
8. While the Filter is open, look out for a small 5mm diameter clear pipe that runs from top to bottom inside the filter, make sure this pipe is not blocked as very often this causes pressure to build up inside the filter which may cause the cleaner to slow down.
9. While the filter is open, at the bottom of the inside of the filter are 8 Laterals(Fingers), very often these get caked up with dirt preventing the water from passing through sufficiently which causes pressure build up and in turn causes the pool cleaner to slow down. Remove one and inspect, should it be dirty, remove them all and clean with a brush and replace. The fingers screw off or twist off like a bayonette.

10. The next inspection is a little more complex.

While the pump is running, MPV on filter, pool cleaner unplugged. Please check if the pool pump well fills completely with water.

If the pump well fills, plug in the cleaner and check if the level of the pump well drops? Should this be the case, the possibilities are:

1. Air is being sucked into the system between the weir and the pump. This may be due to a cracked pipe/fitting which pulls air into the pump which will then build up pressure in the filter causing the cleaner to slow down.
or
2. The mechanical seal in the pump is worn and would need to be replaced. Whilst the pump is open, check the impeller/diffuser are OK.

Although we can assist over the telephone with most issues and guidance, you may need to get a pool professional in with more assistance.

We operate a national pool care helpline

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