



FLOW TECH

TROUBLE SHOOTING MANUAL

FOR MORE INFORMATION PLEASE CONTACT

#28, 4TH BLOCK, NEAR RR SCHOOL
DODDABOMMASANDRA
VIDYARANYAPURA POST
BANGALORE – 560 097

EMAIL: info@flowtechbangalore.com

REACH US ON: -

+91 98341229933

+91 080 32919628

+91 080 28385105

FLOW TECH

TROUBLE SHOOTING

There is a cause and solution for every problem that arises in the operation of the pool. Minor checking can solve most problems and this avoids a service call and delay in pool enjoyment. The following are a few ways to correct the most common problems.

Problem 1 : No pressure on gauge or violent fluctuating of gauge. This causes considerable noise in pump.

Cause : Air in lines or faulty gauge.

Solution :

1. Check strainer cover - it must be tightened.
2. If pool is a few years old, pump seal could be drawing air.
3. Replace gauge.

Problem 2 : Low but steady pressure gauge reading.

Cause : Pump impeller clogged.

Solution :

1. a. Turn off motor.
b. Open the pump flange
c. Insert finger in hole leading to impeller, remove housing and then free impeller.

When replacing motor, use new gasket, if damaged.

2. Strainer basket could be full with lint and debris. Wash and remove debris. Clean area under basket before replacing.
3. Be certain valves are properly opened.

Problem 3 : Dirt returning to pool while vacuuming.

Cause : Too fine muddy solution for filter to clean in large quantity while vacuuming.

Solution :

1. Backwash more often.
2. If condition is bad, vacuum to waste.

Problem 4 : No vacuum suction, yet filter works properly.

Cause : Obstructions in vacuum line between vacuum point and filter.

Solution :

1. Open valve at union, use wire, and remove obstruction. If filter is hard to start, see starting instructions.
2. Stone could be lodged in vacuum head. Turn vacuum head over underwater and remove obstruction.

Problem 5 : While vacuuming leaves, vacuum ceases to work.

Cause : Line plugged with leaves.

Solution :

1. Clean strainer basket, start filter and let run without further vacuuming, re-check strainer basket, clean again.
2. Remove most leaves with leaf-rake.

Problem 6 : Noisy motor.

Cause : Bad bearings.

Solution :

1. Remove motor and have bearings serviced or replaced.
2. Check suction lines for punctures or clamps not tightened or plumbing not airtight.

FLOW TECH

Problem 7 : Pump leaking water.

Cause : Pump gland or shaft sleeve worn-out

Solution : Replace above (sealing is bad when water leaks from motor shaft).

Problem 8 : Motor doesn't start.

Cause :

1. Stone lodged in impeller.
2. Gland packing too tight on shaft.
3. Bad starter switch.
4. Improper voltage
5. Blown fuse.

Solution :

1. Try to turn impeller by hand, remove stone, as per previous instructions.
2. Turn impeller by hand (with motor off).
3. Check and replace fuse.