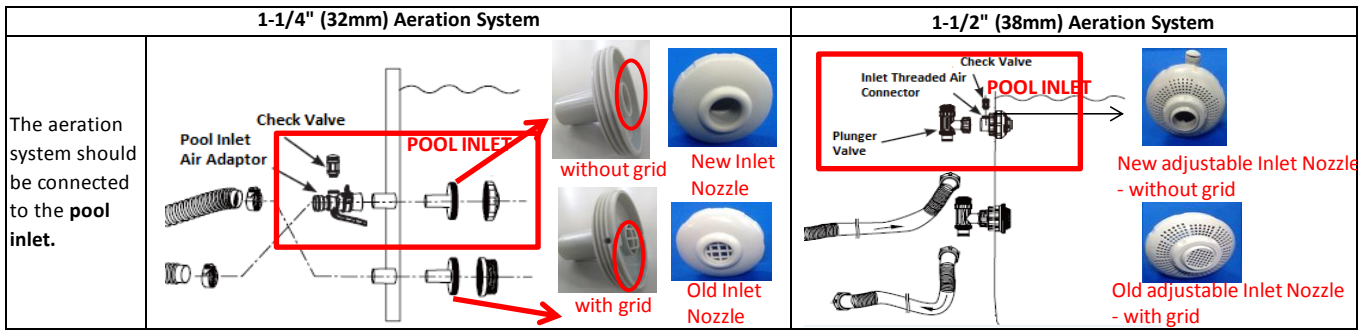




## Troubleshooting for No/Low Bubble Using Aeration System



Problem	Cause	Solution
1. Low Flow Rate		1) Check if there is any other AGP accessories (skimmer, vacuum devices, solar mat or auto pool cleaner) connected to the filtration system circulation line. Disconnect them if any. 2) Check if there is any obstruction in the pool return water inlet fitting. 3) Clean, backwash or replace the filter cartridge/sand media. 4) Make sure all the plunger valves are fully open.
No Bubble	2. For 32mm (1-1/4"): a) wrong/old strainer connector with grid attached to the pool water inlet side; b) old pool inlet nozzle with grid attached to the pool water inlet side.  For 38mm (1-1/2"): a) wrong/old threaded strainer connector attached to the pool water inlet side; b) old adjustable pool inlet nozzle with grid attached to the pool water inlet side.	For 32mm (1-1/4"): The strainer connectors for pool inlet and outlet are different. Pool inlet strainer connector <b>doesn't</b> have grids compared to pool outlet strainer connector. Make sure they are connected to the right holes on the pool respectively. The old strainer connector and pool inlet nozzle has grids whereas the new ones <b>don't</b> have. Make sure to use the new parts.  For 38mm (1-1/2"): Make sure the new inlet threaded air connector is attached to the pool water return inlet side together with the new pool inlet adjustable nozzle. The new pool inlet parts do not have grids.
	3. Hydro aeration device connected to the pool water outlet fitting.	Make sure the hydro aeration device is connected to the upper pool return water inlet fitting (higher hole).
	4. Small aeration adaptor used with large/tall pools. Higher pool wall increases the water pressure in the inlet aeration adaptor which impedes air from sucking into the water circulation system.	Use the correct hydro aeration device according to the pool height: see " <a href="#">Next Page</a> "
	5. Air jet valve not facing upwards because the hydro aeration device is upside down or sideways.	Make sure the air jet valve is facing upwards. <div style="display: flex; justify-content: space-around; align-items: center;">   </div>

## Aeration Matrix Table Information

	Aeration System Set Item #	Image	ID mark	For System flow rate (g/h) Up to	Pool inlet air adaptor part #	For fitting size	Included in pump model #	For pool overall height. Up to ___
1	12351			300	12366	32 mm (1.25in)	601, 602, 602G	76cm/30in
2	12352			500	12367	32 mm (1.25in)	603, 604, 604G	84cm/33in
3	12353			1000	12368	32 mm (1.25in)	637R, 638R, 638G	1.22m/48in
4	12354		 Dark grey 1050-1900	1050-1900	12371	38 mm (1.50in)	635T, 636T, 636G	1.22m/48in
							633T, 634T, ECO7111, ECO7221, ECO7231, SF80110-1, SF80220-1, SF90110T, SF90220T, ECO15110-1, ECO15220-1, ECO15230-1	1.32m/52in
5	12355		 White 1900-2450	1900-2450	12372	38 mm (1.50in)	SF70110-1, SF70220-1, SF60110-1, SF60220-1, ECO20110-1, ECO20220-1, ECO20230-1	1.32m/52in