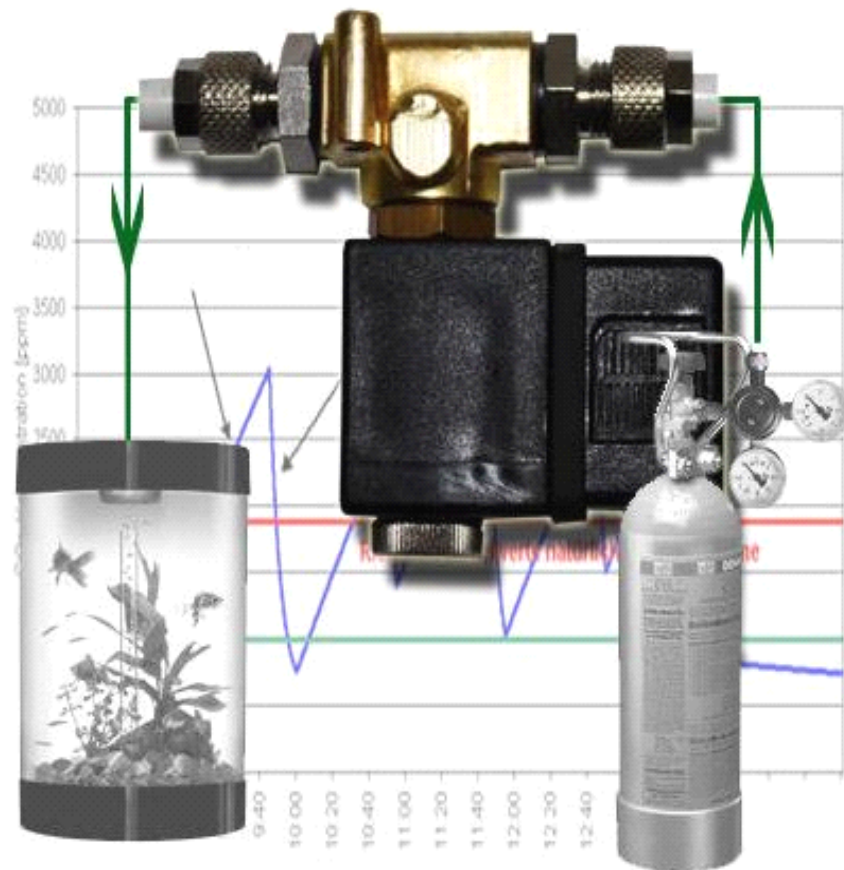


A brief working principle of electromagnetic valve

Source from: <http://www.lidaqd.com>



Solenoid valve is used to control the automation of fluid-based components, belonging to the actuator; are not limited to hydraulic, [pressure water valve](#). Hydraulic solenoid valve used to control the flow direction, the plant's mechanical devices in general by the hydraulic steel control, it will be used in [propane high pressure regulator](#).

The working principle of electromagnetic valve, there are sealed cavity, in a different location has opened a hole, each hole is leading to a different pipeline, the middle, two is a two electromagnets, which side of magnet coils power valve will be drawn to which side, [air pneumatic cylinder](#) by controlling valve movement to file live or leaked oil in a different row of holes, but into the hole is always open, the hydraulic oil will enter a different row of tubing, and then the oil pressure to push the oil just the pistons, piston driven rod again, piston rod drive mechanism moving. This current by controlling the electromagnet to control the mechanical movement.

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