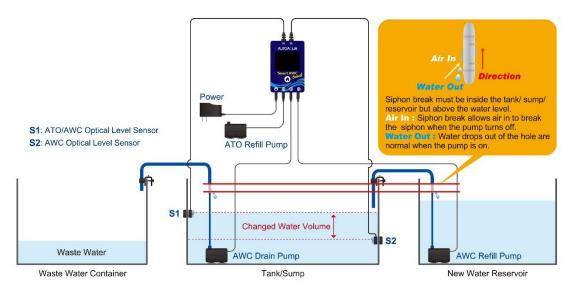
Smart AWC touch FAQ

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1. How to set up the siphon break properly?

First, the siphon break must be inside of the reservoir and a little higher than the water level so the drops can go back to the reservoir. The siphon break should be placed in the area between the two red lines as shown below.



Second, the siphon break must be set upwards as the arrow icon suggested.



2. Are drops of water from the siphon break a normal phenomenon when the pump's on?

Yes. Siphon breaks can prevent the siphon from happening. They have a small hole which allows air in to cut the water flow when the pump turns off. Also, water drops out of the hole of the siphon break which is properly installed are normal when the pump's on.

3. What will happen if the siphon break is not set up properly?

First, when the siphon break is set outside of the reservoir, e.g. between the tank/sump and the reservoir or inside of the tank/sump, the water drops from the hole of siphon break cannot flow back to the reservoir and the siphon break cannot break water flow.

Second, when the siphon break is set in the wrong direction (the arrow on the siphon indicates the water flow direction), it also cannot work to break water flow. Consequently, the tank/sump will be overfilled and more water will come out

from the hole of siphon break.

4. Why is the head height not high enough?

One of the possibilities is that the water inlet of the pump is too close to the inside of the reservoir (Diagram 1). It is recommended to keep the pump away from the inside of the reservoir with a distance of at least 2 inches. The other one is that the pump should stay upright, otherwise less water can go into the pump and that makes the water pressure decrease.

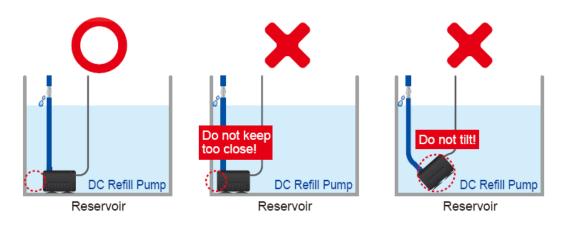


Diagram 1

5. Why does the Smart AWC touch power on the pump for only a short while and give an audible alert?

QST is not set correctly. Please reset Smart AWC touch according to the reset procedure in user manual, p11. Next, mount the sensor at the normal water level before connecting the power and do not move it afterwards. If you want to move the sensor or change the water level, you have to reset Smart AWC touch and unplug and plug it back in again.

6. Why does Smart AWC touch not change water after the countdown finishes?

When ATO is on, AWC does not perform at exact hour you set. It will perform after ATO finishes to maintain the salinity. For example, you turn on ATO and set AWC to 01d:00h, i.e. every 24 hours. However, if ATO performs at the 26th hour after the setting, and then AWC will perform at the 26th hour after ATO finishes instead of at the 24th hour.

7. How to use other pumps with Smart AWC touch?

You can use a pump which meets your requirement with our Smart AC Socket: http://autoaqua.com.tw/en/accessories/SAC-10.html.

Just connect Smart AC socket with the controller, then plug the pump's power

adapter in it.

8. How to extend the cable length of the pump/solenoid valve/power supply?

You can use the extension cable. We have 6.7 ft (200 cm) and 16.7 ft (500 cm) available.

Extension cable of pump/ solenoid valve

6.7 ft (200 cm): http://autoaqua.com.tw/en/accessories/DC-252.html

16.7 ft (500 cm): http://autoaqua.com.tw/en/accessories/DC-255.html

Extension cable of power supply

6.7 ft (200 cm): http://autoaqua.com.tw/en/accessories/DC-212.html

16.7 ft (500 cm): http://autoagua.com.tw/en/accessories/DC-215.html

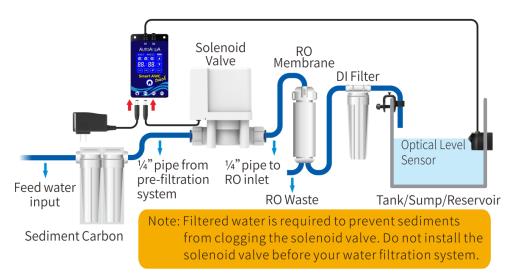
9. Can I use the solenoid valve with Smart AWC touch? How to install it?

Yes. The solenoid valve can be in ATO pump's place. It is recommended using with filtered water instead of tap water, or it will be clogged. Please refer to the installation diagram below.

a. RO/DI System without Auto Shut Off

Cut the tubing between the carbon block filter and the RO membrane. Install the solenoid valve.

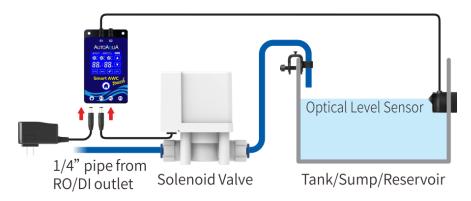
*Arrow on solenoid valve indicated water flow direction.



b. RO/DI System with Auto Shut Off

Connect the solenoid valve at the RO/DI output.

*Arrow on solenoid valve indicates water flow direction.



10. How to purchase accessories?

Please contact our local distributors:

http://autoaqua.com.tw/en/distributors.html.