

Smart ATO nano G2 SATO-276D



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➤ How to adjust the holder width?

Open the controller cover first, then press the holder button to adjust the width.

The holder is suitable for tank thickness 3-10 mm.



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➤ Can I fix the controller on a rimmed tank/sump?

Yes.

The controller can be fixed on rimmed / rimless tank.



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➤ How to adjust the sensor cable length?

Open the cover first, then pull out the cable or push the cable back to the controller body to adjust the cable length.



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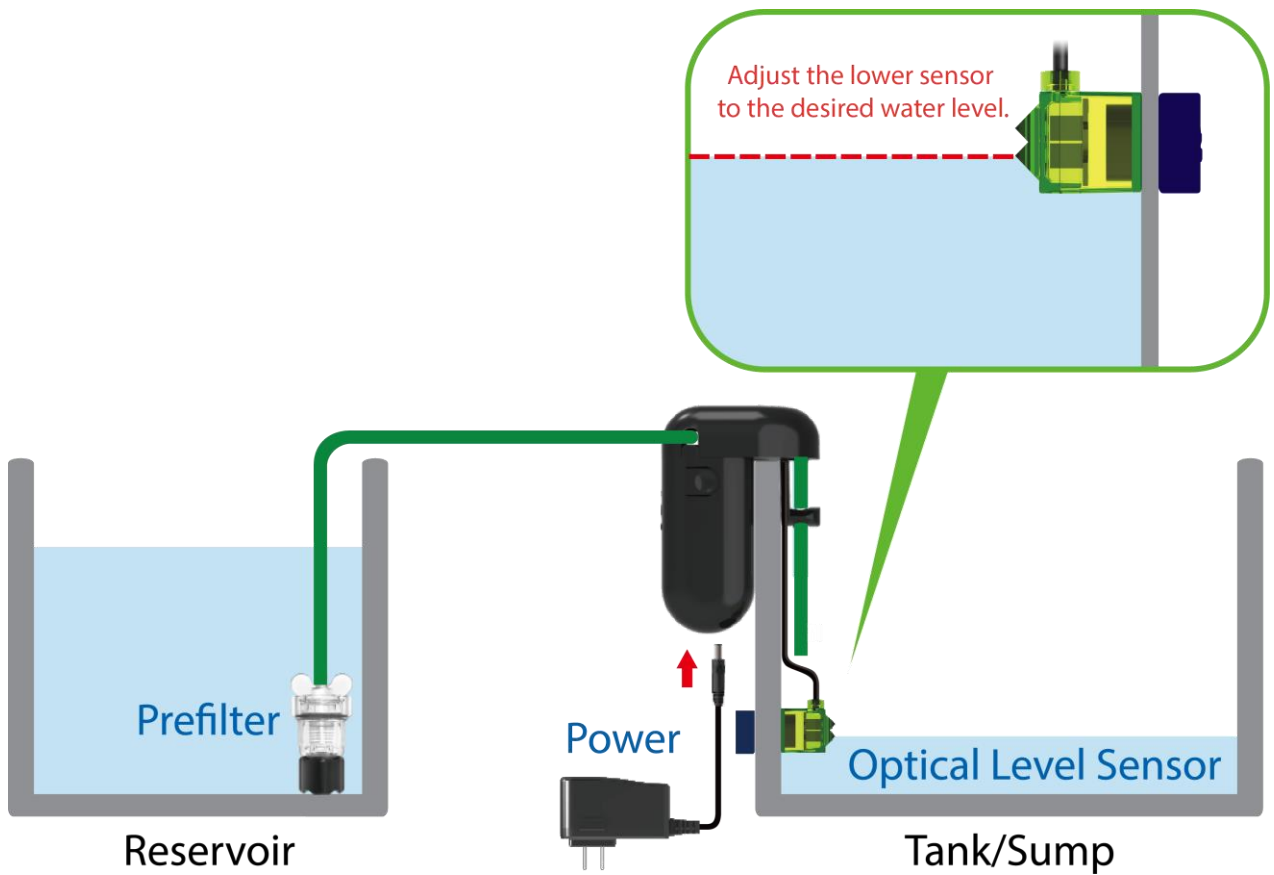
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➤ Where should I place the sensor?

Place the sensor to the water level you desired.

***Please note :** Set the sensor away from direct infrared or sun light to avoid malfunctions.



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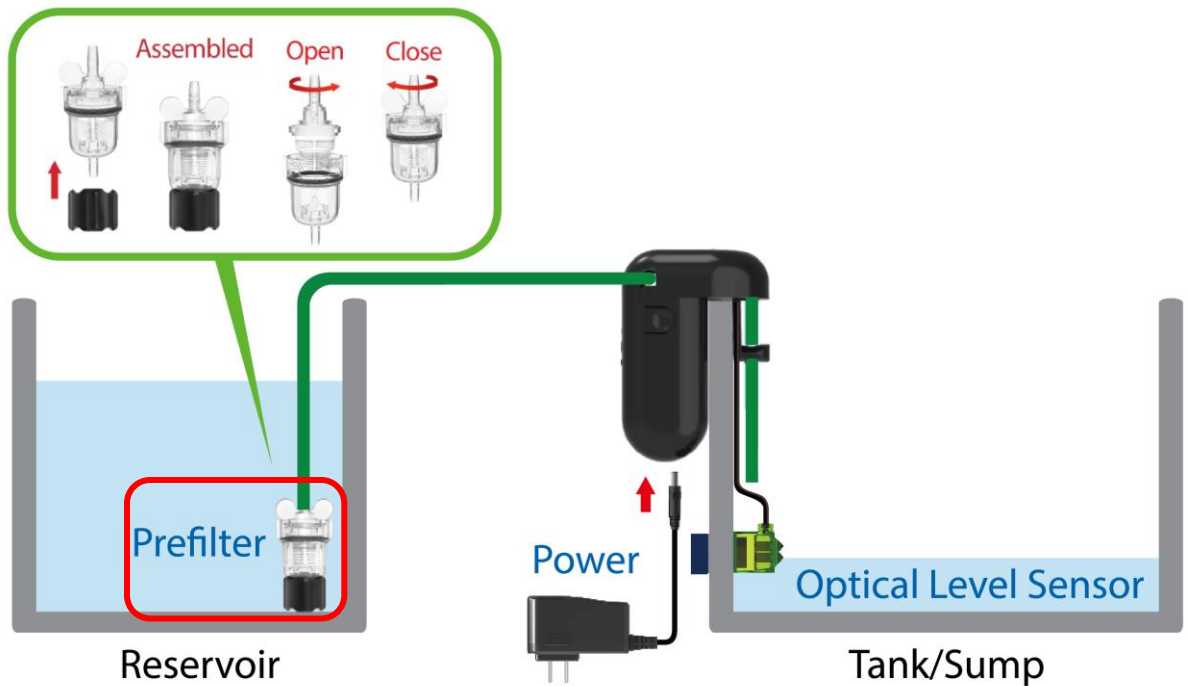
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➤ How to install the prefilter properly?

First, please connect the prefilter base to the prefilter. Then, install the prefilter before the diaphragm pump to protect it from clogged and damaged.

Note : please clean it every 3 to 6 months for the best filtration performance.



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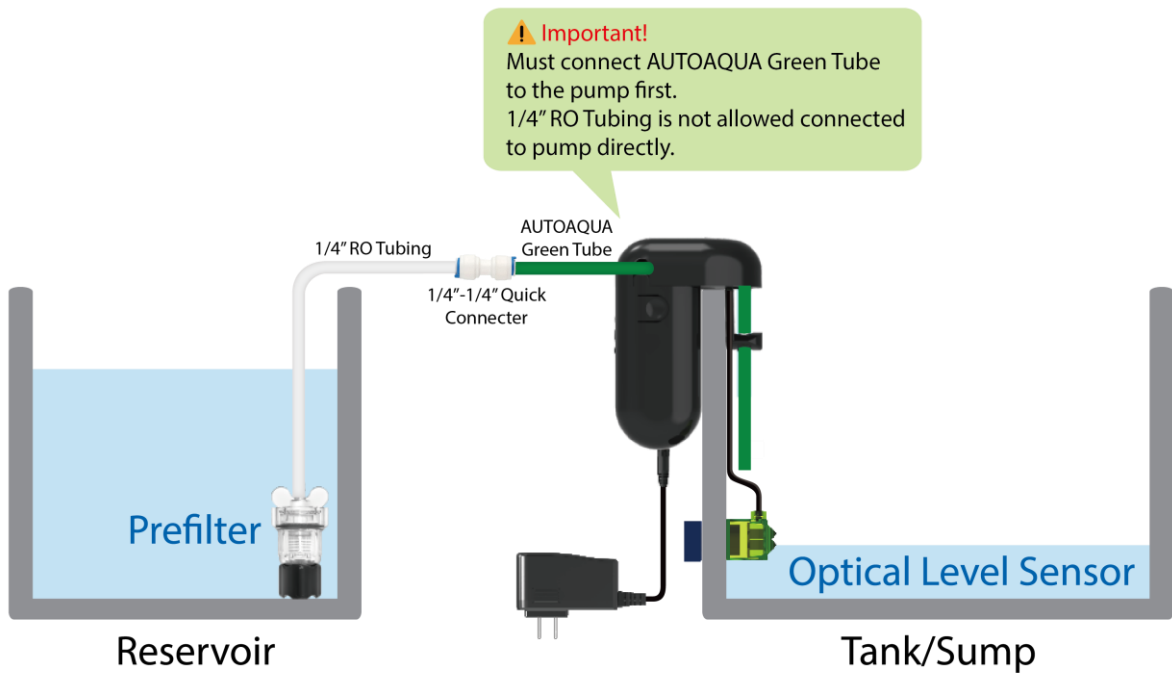
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➤ Is Smart ATO nano G2 compatible with 1/4" RO Tubing?

Yes.

If you desired using 1/4" RO tubing, please connect it with 1/4"-1/4" Quick Connector and AUTOAQUA Green Tubing. Please check below diagram.



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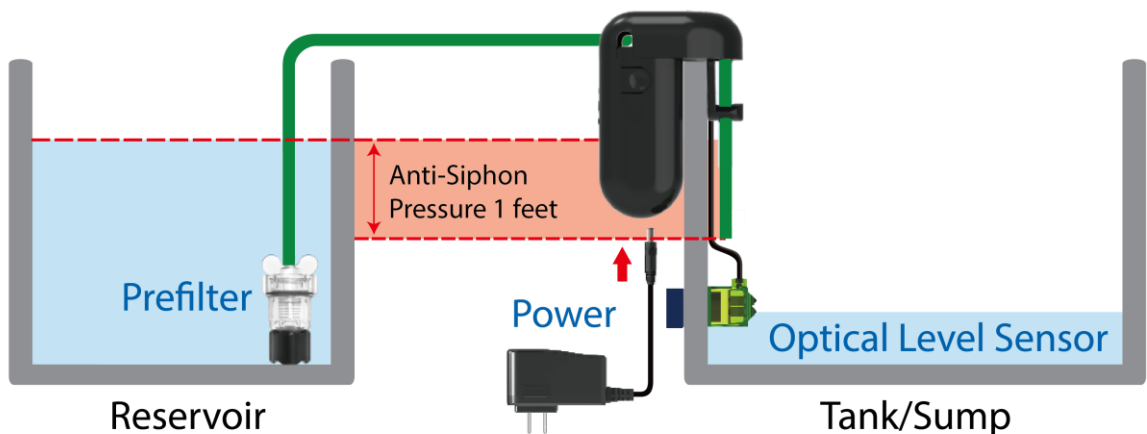


➤ What is the Anti-Siphon Pressure Height?

As Diaphragm pump stops, there might be forward siphon if the inlet tank of water level is higher than the outlet tube.

To avoid forward siphon, the outlet tube must less than 1-ft (30 cm) below the water level of inlet tank and outlet must ALWAYS be out of water.

If you desired higher anti-siphon pressure, you can purchase AUTOAQUA Anti-Siphon Valve additionally. One anti-siphon valve can stop around 2 feet (60 cm) anti-siphon pressure.



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➤ What is the benefit of using Diaphragm Pump?

- Add water smooth & consistent flow to reach the desired water level accurately.
- Lessen the pressure to aquarium ecosystem.
- No wire in the tank for tidy aquarium.
- Able to run dry without damage for safety aquarium.



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➤ How to replace the diaphragm pump?

- Step 1 : Open the top cover of controller.
- Step 2 : Press the **release button** on the side and open the cover.
- Step 3 : Disassemble the pump and replace to a new pump.
- Step 4 : Put the cover back.
- Step 5 : Put the top cover back.



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➤ Why does the water keep dripping after pump has stopped?

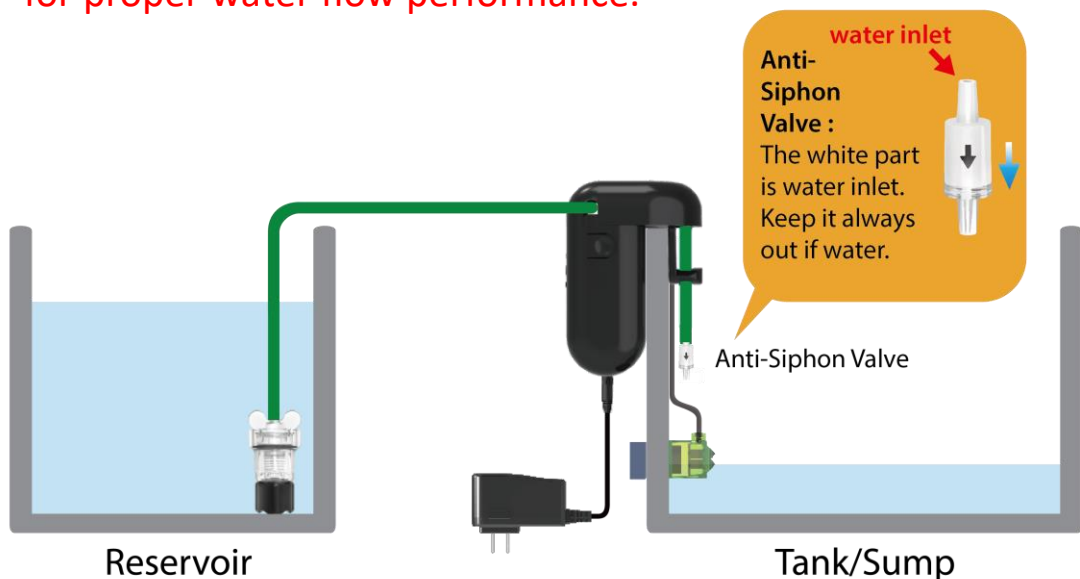
The forward siphon pressure is too high.

Please lower the water level in the corresponding reservoir, or adjust the outlet tube higher.

If neither is an option, you can purchase AUTOAQUA Anti-Siphon Valve(s) additionally and connect it to the outlet tube(s).

One anti-siphon valve can stop around 2 feet (60 cm) anti-siphon pressure.

***One water tube connects 2 pcs Anti-Siphon Valve in maximum for proper water flow performance.**



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➤ Why the pump stops with red LED light flashing?

It is QST function.

QST will alarm as water refill time is 6 times longer than the first refill time.

If you would like to increase the QST tolerance, please unplug and plug back again to **clear QST memory** and **extend the first time ATO refill time**.

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➤ Can Smart ATO nano G2 detect empty reservoir?

Yes.

With AUTOAQUA Quick Security Technology (QST), it can detect empty reservoir without extra sensor.

If there is too little or no water in reservoir, it will trigger QST. The system will shut itself off and stop the pump.

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➤ What can QST do for you?

With AUTOAQUA QST function, it can detect below scenario **sensorless** and without extra setting.

- **Empty Reservoir Detection**

If there is too little or no water in reservoir, it will trigger QST. The system will shut itself off and stop the pump.

- **Pump Failure**

When pump fails, causing no water replenishment, the QST will alarm as ATO is 6 times longer than the first time.

- **Sensor Failure**

If both normal and fail-safe sensor fail, it will trigger QST and shut itself off.

- **Others Device Failure**

If above 3 scenario have been excluded, it might be other device failure (ex. Return pump, Skimmer...etc.).

Please check others device in your aquarium system.

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