

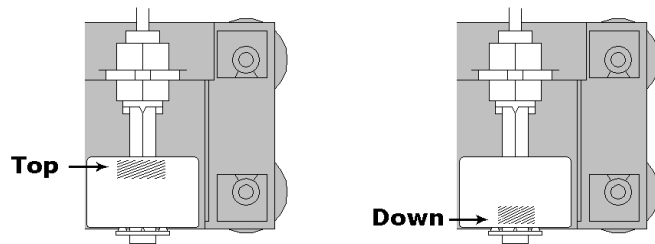
Thank you for choosing Reef Fanatic Level Controller. Our Level Controller is ideal for aquarium water top off. It also offers several setup options depending on your specific need.

Caution: Please note that the Level Controller is NOT waterproof and MUST be operated on a dry surface.

Package Check List

1. One Level Controller (base unit)
2. Two float sensor kits
3. One mounting bracket

Note: Please note that the float sensor has two sides; top and bottom. You need to remove the white plastic ring at the tip of the shaft, slide the float sensor out, and look at the inside of the float sensor to see the mark. We will refer to the picture on the low left as Top and the low right as Down.



Setup

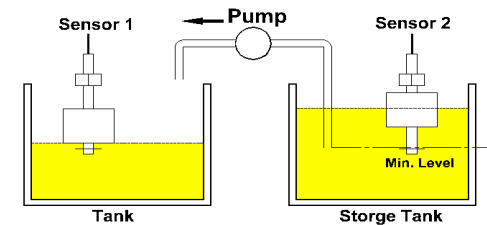
1. Place the float sensor(s) at the desire level inside sump and / or storage tank.
2. Connect the float sensor(s) to the sensor socket(s).
3. Select the mode using Mode Switch. See Mode diagrams for more info.
4. Connect the pump to the Control Power Output.
5. Connect the power cord to 110V AC outlet when ready to put the level controller in operation.

Important: Do NOT submerge the pump output tube. If the output end is submersed under water, it will create a siphon when the pump is turned off and will allow the water to continue flowing from the sump back to the storage tank or vice versa.

Mode A using one float sensor in sump and one in storage tank

In this mode the pump will ONLY turn on if the water level in the sump is low AND there is enough water in the storage tank. This is mainly to prevent the pump from running dry when there is not enough water in the storage tank.

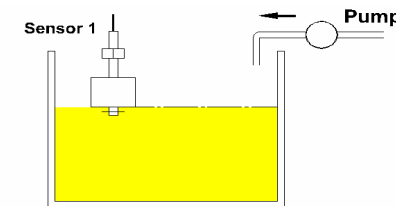
Important: Both float sensors are set to Top.



Mode A using only one float sensor in the sump

With this setup the pump will come on as soon as the water level in the sump drops below the set level. If there is not enough water in the storage tank, the pump will run dry.

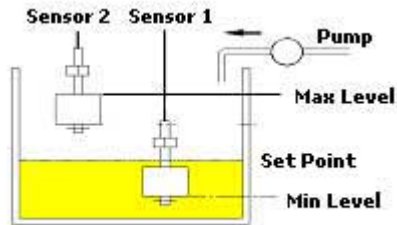
Important: Float sensor is set to Top.



Mode A using both float sensors in the sump (recommended)

The pump will turn on when water level falls below the minimal level of float sensor 1 and will turn off when water rises to the set point of the float sensor 1. The float sensor 2 acts as a backup sensor in the event the float sensor 1 is stuck. The Level Controller will not allow the pump to turn on if the water level in the sump reaches maximum level of the float sensor 2.

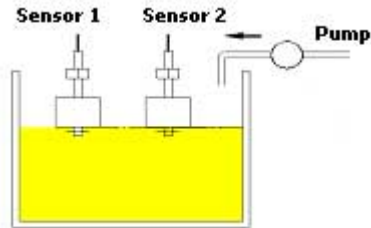
Important: Float sensor 1 is set to Top and float sensor 2 is set to Down.



Mode B using both float sensors in the sump

With this setup the pump will turn on when **both** sensors detected that the water level is below the minimum level and stop when the water level rises to the maximum level.

Important: Both float sensors are set to Top.



Warranty

- Reef Fanatic offers a six month limited warranty from the purchase date. A proof of purchase is required for warranty claim.
- Removal or alteration of the serial number will void warranty.
- Any defective product **MUST** be sent freight prepaid with a proof of purchase supporting the warranty claim to Reef Fanatic Inc. Replacement or repair will be at the discretion of Reef Fanatic Inc.
- If you have any further questions, please email us at reef@reeffanatic.com.

Specification

Power supply: 110V AC

Power consumption: 2 watts

Control Power Output: Maximum 2A

Relay control: 10 seconds.



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