Additional Instructions

Filter and Pump Assembly

The SOLO aquarium includes a submersible low voltage pump filter with accessories. Please unpack the accessories and identify the following components:

1. Submersible pump/filter
2. 90 degree elbow
3. Insert fitting
4. Extension pipe
5. Spray bar
6. Air venturi
7. Air hose

Filter Configurations

1. Simple Spray Bar

The pump/filter can be installed in multiple ways, however to maximize the shimmer effect we highly recommend using the spray bar configuration. (Simply slide #5 Spray bar to the #1 Pump outlet). When installing into the aquarium, direct the outlet nozzle holes slightly to the water's surface and towards the front of the tank. This will maximize circulation and the shimmer effect.

2. Air Injection

This method allows air bubbles to be injected into the aquarium, creating higher oxygen levels and cool visual effects. To assemble, attach #3 Insert fitting into #1 Pump outlet, then attach #6 Air venturi to the insert fitting. Finally, attach #7 Air hose to the top fitting on the air venturi.

Leave top of air hose out of the water and air will be suctioned into the pump and throughout the aquarium.

3. Side Spray Bar

This configuration is similar to the Simple Spray Bar and will flow water sideways into the aquarium, versus front to back. To assemble, simply attach #2 Elbow fitting to #1 Pump outlet, then attach #5 Spray bar to the elbow fitting. The #4 Extension fitting can also be used to lengthen the spray bar.
Additional Instructions

IR Sensor Location

Important:
In order for the remote control to communicate with the SOLO LED lighting system, the IR sensor must be located in a location to receive the IR signals. The IR sensor should be located outside the tank, at the back corner of the aquarium (see photo below.) Do not locate the sensor under the lid as it will not receive the signals correctly.

Timer Installation:
To put your LED lighting system on an automated 24-hour timing schedule, it is important to ONLY use our Single Ramp Timer #1673 (sold separately). A wall plug-in type timer will NOT work, as the water pump & filter are connected to the same power supply as the lighting system (see diagram below).

We highly recommend using the timer in Mode 2 (on/off mode only), please follow the programming instructions included with the timer.

NOTE: #1673 Single Ramp Timer sold separately

Filter Cleaning and Maintenance:
Please review the filter components:
1. Pump
2. Filter
3. Bottom panel
4. Filter pad
5. Carbon filter
6. Top carbon cover

We recommend cleaning the #4 Filter pad once per week by rinsing under fresh water. To remove filter for cleaning, simply remove the #3 Bottom panel and slide pad out.

The filter pad and carbon kit should be replaced once every 60 days. Please use Item#9018 for replacement.