

Congratulations on purchasing the 39 Gallon Signature system. We know there are many choices out there and we would like to appreciate that you have chosen us. This aquarium system combines the highest quality components with cutting edge designs to give you both a truly beautiful aquarium with high performance filtration. Setting up is easy as mostly all of the fittings and components are installed prior to shipping.

What it comes with: 39G glass tank, protein skimmer, drop-in UV sterilizer, cooling fan, return pump, HQI, LED-HO, T5HO lighting system, glass canopy, PC refugium light, oscillator return nozzle.

- 1) Put the aquarium on the 39G cabinet and make sure the cabinet is perfectly leveled. Levelness is very important for the overall integrity and efficiency of the tank and cabinet set.
- 2) Take out the (4) acrylic canopy holding clips. These clips are made for the light system to sit on top of and to also hold up the glass canopy if you choose to have the tank covered versus an “open top” tank.
- 3) Take the HQI light out of the package and slide the tank mounting legs onto the track that is on the light. Then you can place the light on top of tank on the acrylic clips. As an option, you may also use the ceiling hanging cables to have the ultimate topless/frameless look. The light fixture has 3 separate plugs and 2 separate manual switches. You can have 3 separate timers on each plug to control the individual light settings if you wish.
- 4) Put the glass canopy in place after the tank and the equipment is in place and installed so that you have more space to work with. The glass canopy is designed to have no handles and mitered edges to match the frameless look of the aquarium. It is also designed to have the ability to slide for better maneuverability.
- 5) Take the protein skimmer out of the box. Use some Teflon tape to put on the connection fitting (4-5layers) to ensure a tight fit. Push in the male slip-in connection into the female slip-in connection located under the skimmer . Do not put in the skimmer until the UV sterilizer is ready.
- 6) Take the UV sterilizer out of the box, these units are completely ready for water and application right away. Put the UV sterilizer in to the equipments chamber (located next to the bio-ball chamber) in a slanted angle to make it more compact.

- 7) Once the UV sterilizer is in place, put the skimmer into the equipment chamber on top of the UV. The UV should go under the skimmer base almost completely hiding the UV sterilizer from sight. **DO NOT LOOK AT UV STERILIZER WHEN IT IS OUT OF WATER.**
- 8) Once the skimmer is in place, angle the return mouth piece towards the front wall and clip the refugium mini light next to the skimmer return on the glass wall.
- 9) The cooling fan is installed on top of the return pump chamber. Use the thumbscrews to fasten it into position.
- 10) Fill up the aquarium with the water of your choice (RO, De-ionized, purified, prepared seawater etc.) until the filtration area is approximately 75% full.
- 11) Stop filling the tank and you may now turn on the return pump.
- 12) Check the salt level using a saltwater hydrometer (1.020-1.024)
- 13) Add in the substrate of your choice (live aragonite sand, aragonite, crushed corals etc.). Adding in the substrate and rocks will displace the water and increase the water level in the back filtration chambers. You may take out or top-off the aquarium if necessary in keeping the water level at around 75%.
- 14) You may now safely turn on each piece of equipment one at a time.
- 15) Make sure all the levels (Ammonia, Nitrite, Nitrate and PH etc.) are stable, you can now start to introduce live rocks and fish. This will begin your nitrogen cycle which usually lasts for 5-6 weeks. If you are starting your reef with tapwater, you should monitor your levels making sure that they move up and then gradually back down which indicates that your nitrogen cycle has reached full completion before adding corals.

For further assistance or questions regarding our products please email us at sales@cadlights.com or call us at phone(718)763-8024/fax (718)763-8027.

Enjoy this stunning living art aquarium. We take pride in building these aquarium packages to the highest quality throughout the industry.