



## LT3 The Lifetank

The CPR Lifetank has been designed for those looking for an “all in one” system in a compact size, yet large enough to appease even the most serious marine aquarists. With its 24” x 20” footprint (including filter portion), the Lifetank takes up little space yet offers a 25 gallon capacity suitable for a variety of fish or a substantial reef setup. The Lifetank comes with a removable version of our SR2 combination protein skimmer/biological filter, which provides for easy maintenance as well as increased efficiency. A circulating powerhead is located in the filter portion of the Lifetank. The Lifetank comes with a custom fit canopy and an optional 55-watt lighting system which can sustain even the most difficult marine invertebrates, and utilizes the Rejuvenation Venturi powerhead for optimal foam fractionation and efficiency.

***WARNING: This unit is not designed for use with ozone injection. Use of ozone with this unit will drastically reduce the effectiveness of the biological filtration section.***

### To place your Lifetank into operation:

1. Carefully remove all packing materials and the protective paper covering the sides of the Lifetank. It may be necessary to use warm water to remove the residue left by the paper.
2. Inspect the unit for damaged or missing parts. You should have:
  - (1) Tank body and lid
  - (1) Black canopy
  - (1) Filter body with Bio-Bale™ filter media
  - (1) Collection cup assembly with “O” ring and lid
  - (1) Rio 600 RVT powerhead for protein skimmer
  - (1) Rio 800 circulating/return powerhead
  - (1) Long sponge, short sponge, and fish screen

If any parts are damaged or missing, please contact your dealer immediately.

3. Carefully remove the protein skimmer body from the filter portion of the Lifetank. Make sure that the collection cup is inserted correctly into the skimmer chamber, with the funnel portion facing down. Gently make sure that the Rio 600 powerhead is secured to the inlet of the protein skimmer and make sure that the Bio-Bale™ is evenly distributed throughout the biological chamber, as it may have settled during shipping.
4. Before placing the protein skimmer back into the filter portion of the Lifetank, check to make sure that the fish screen is properly inserted into the inflow portion of the filtration section and that the Rio 800 circulating/return powerhead is secured to the outlet on the tank.

5. Gently place the protein skimmer unit into the filtration section with the Rio 600 placed beneath the inflow from the tank. Place the sponge about four inches above the Rio 800 return powerhead so that it is just under the outlet of the biological chamber of the skimmer unit.
6. Fill tank partially and place substrate (if any) on the bottom of the tank. Fill the tank up until water begins to flow into the filter portion of the Lifetank. Begin filling the filter portion of the Lifetank by adding water to the side of the filter which has the Rio 600RVT. Fill this until the water level is about three inches above the inlet to the skimmer chamber.
7. Plug both powerheads in. The Lifetank is now in operation.
8. Once the skimmer is operating it will probably be necessary to add more water to the filter portion so that the powerheads are fully submerged and not in any danger of going dry due to evaporation.
9. Adjust the "O"-ring on the collection cup so that the funnel portion is about 1/8" below the water level in the skimmer chamber. The quality of foam in the collection cup can be adjusted by sliding the "O" ring up or down. If the foam is too wet, raise the collection cup up by sliding the "O" ring down until the desired wetness is achieved. The base of the collection funnel should be 1/8" below the water surface for optimal performance, but can be adjusted down from this point if the foam is too dry (little to no liquid present) or up if the foam is too wet (clear liquid only in collection cup).

### **Maintenance**

1. The collection cup should be removed and emptied regularly. Every time you empty the cup be sure to clean the bottom of the funnel and inside the throat for better collection.
2. You should perform a partial water change at least once a month. The frequency of water changes depends heavily on the load of animals in your tank and your feeding rate.
3. The Bio-Bale™ filter media should be removed and cleaned every three months, or as needed. Remove the Bio-Bale™ and place it in a bucket of saltwater, preferably water from your Lifetank. Gently swish the Bio-Bale™ around in the water to remove any algae or detritus. Shake off any excess water before returning the Bio-Bale™ to the filter chamber. Never use detergent of any kind on the Bio-Bale™, and do not allow it to dry out. When placing the Bio-Bale™ back into the filter chamber, be sure not to pack it too tightly.
4. Clean each powerhead at least once a month and replace the impeller assemblies once a year for the most efficient operation.
5. The outside of the Lifetank may be cleaned with a non-abrasive cloth. Do not use detergents on any surfaces that may come in contact with aquarium water.

## Removal and Cleaning of the Powerheads

1. Unplug each powerhead and slide the entire filter unit out of the Lifetank housing.
2. Carefully remove the small Rio 180 from the back wall of the Lifetank. Remove the cover plate from the base and the round plate by lining up the flat portion to the locking guide. Remove and clean the impeller assembly as well as the inside of the powerhead. Do not use any detergents. Reassemble powerhead and carefully place back into position into the Lifetank.
3. Remove the Rio 60ORVT from the inlet tube to the protein skimmer. Remove the airlines and use a flat-head screwdriver inserted into slot (c) to gently pry off the cover plate. Remove and clean the impeller as was done with the Rio 180. Soak the airlines and gray elbows in warm water to eliminate salt creep, and replace. Make sure air lines and elbows are free of any foreign matter before reassembling.
4. Gently slide the Rio 60ORVT back into the inlet of the skimmer chamber and place the entire filter unit back into place.
5. Due to water loss you may need to refill the filter portion before plugging the powerheads back in. Follow the instructions from page one on placing the Lifetank into operation.



