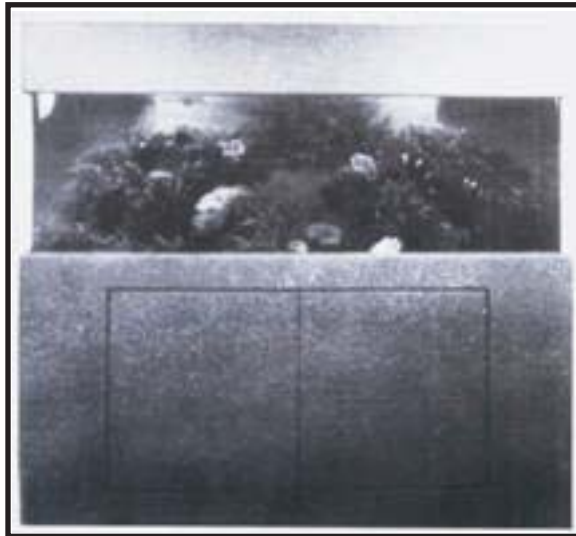


# AQUASYSTEM®

Complete with Internal Wet/Dry Filter



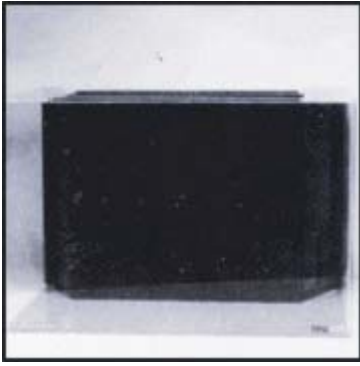
## **Congratulations!**

Congratulations on your choice of purchasing an Aquasystem aquarium. The Aquasystem is designed to maintain all forms of aquatic life: Freshwater, Saltwater, and Reef. The built-in Wet/Dry filtration system allows you to place your aquarium flush against the wall and eliminates the need for tubes and hoses running behind the aquarium. Please take the time to read this instruction manual for a better understanding of the Aquasystem aquarium and fish keeping.

## **Aquasystem Filter Operation**

Water enters through the skimming inlet slots into the accessory chamber. The accessory chamber is used to house the heater plus optional equipment such as protein skimmers, activated carbon, and ion exchange resins. The water then passes over the first divider, onto a multi-perforated drip tray, through a pre-filter, and rains down on the DLS bio-media. The water exits this DRY section of the filter and continues down into the WET section of the filter that contains inert plastic bio-media. The water passes under another divider into the pump chamber where a high output pump sends the clear, well oxygenated water back into the Aquasystem aquarium via the vinyl return tubing.

- **Built in Wet/Dry Filter**
- **No Additional Filtration Required**
- **Low Maintenance**
- **Flush Wall Fit**
- **Maintains Fresh, Salt, or Reef Set-Up**



1. Place your Aquasystem on a fully supported base.

**WARNING:** Use only a solid top stand. Use of a perimeter stand (a stand with an open top) will void your warranty.



2. With a soft, damp cloth, wipe out the inside of the aquarium and the filter compartment.

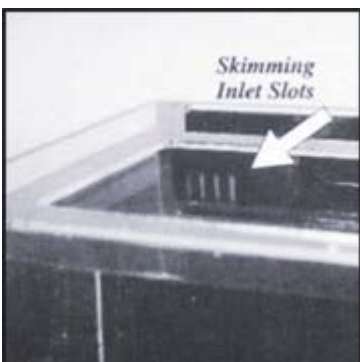


3. Reach into the pump chamber, unwrap the pumps electrical cord and extend the cord to the outside of the pump chamber so you may begin the filling process.

**CAUTION:** Do not plug the pump into an electrical outlet until your Aquasystem is filled with water.



4. With an ordinary garden hose begin to fill your Aquasystem with water through the hood openings.



5. Allow the water to fill the Aquasystem, flow through the skimming slots, and fill the filter to approximately 2 inches above the pump.

**IMPORTANT:** Do not over fill the Aquasystem. This will render the filter less than 100% effective. Always maintain the water level at the top of the sight gauge window.



6. You are now ready to plug in your pump.

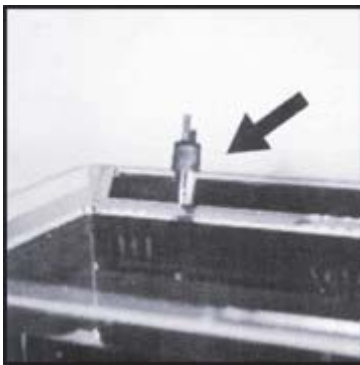
**IMPORTANT:** Read the pump manufacturers instructions before operation. Plug in your pump and allow the water to circulate for several minutes.

**NOTE:** If the pump makes a grinding noise it is "airlocked." Air has become trapped in the pump instead of water. Simply move the pump back and forth several times . This action will free the air bubbles.

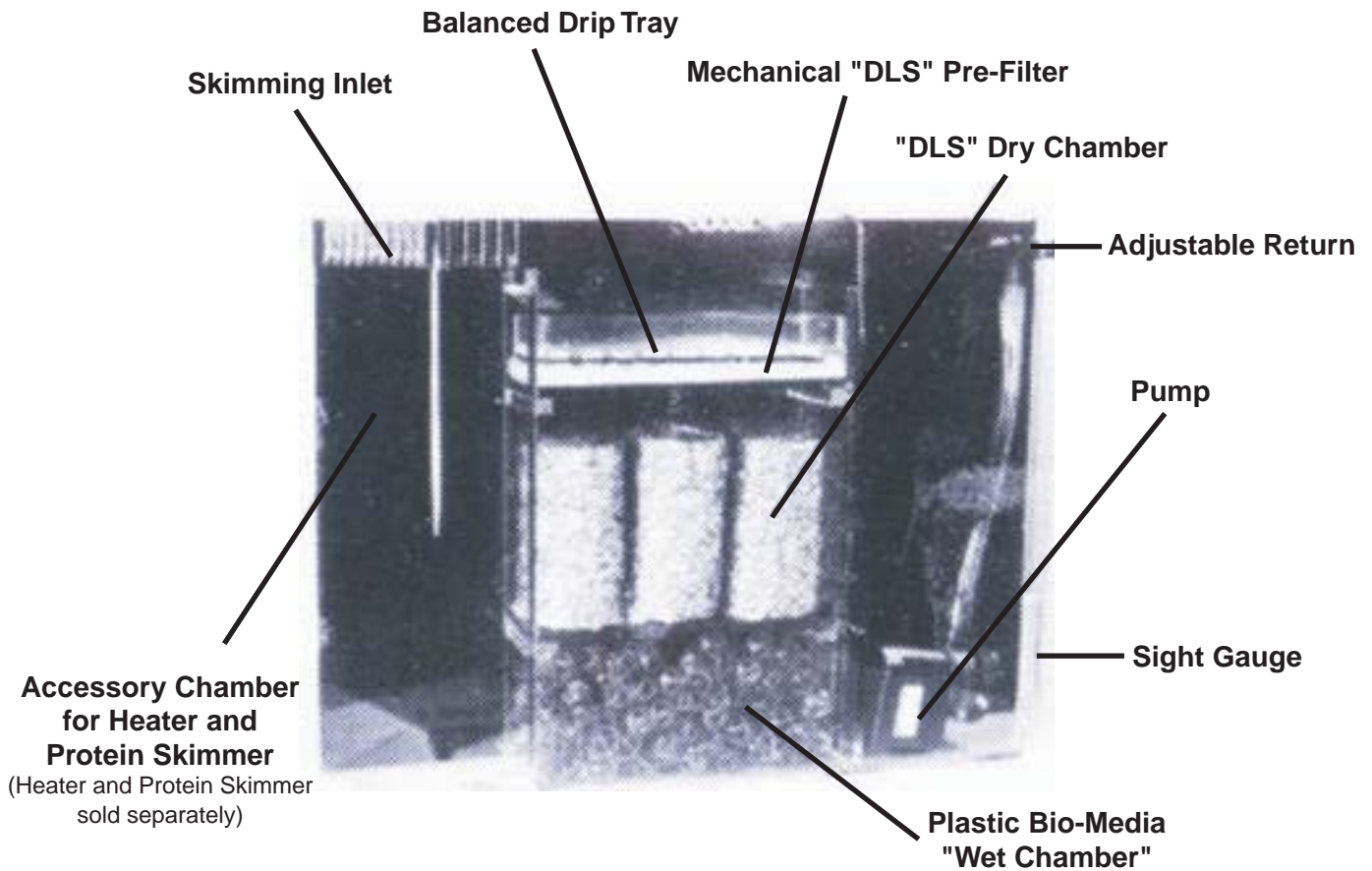


7. After several minutes of running you may see bubbles coming from the pump return. This means the pump chamber is running dry.

**NOTE:** Check the sight gauge to check the water level in the pump chamber. Slowly add more water to the pump chamber until the proper water level is observed in the sight gauge.



8. You may now place the heater, protein skimmer (if the Aquasystem is to be used for saltwater), activated carbon or a carbon/resin chemical filtrant in the accessory compartment.



**NOTE:** When decorating your Aquasystem with rock and gravel, the water level will rise. Check the level through the sight gauge to be sure the pump chamber doesn't become overfilled in the decorating process. If this is the case, simply remove the appropriate amount of water.

**CLEANING:** Smudges and water spots are easily removed from the viewing surface by using a soft, damp cloth, or a soft cloth and BRILLIANIZE brand spray cleaner.

**DLS ROLL REPLACEMENT:** Approximately every 3 months, replace one DLS roll. Replacement of more than one DLS roll at a time will remove your beneficial nitrifying bacteria and have an adverse effect on your aquarium's inhabitants.

**WARRANTY:** Please read, fill out, and return your warranty card.

**PRE-FILTER CARE:** The pre-filter of your Aquasystem is located beneath the drip tray. The pre-filter is a two part mechanical filter: one piece of woven black DLS which rests on a white polyester pad. Rinse the white polyester pad once a week under a faucet. Replace the pad once a month or as needed.

**EVAPORATION:** The Aquasystem is designed to minimize evaporation with well designed, close fitting covers. However, some evaporation will occur. Periodically check the water level through the sight gauge or when the pump becomes noisy and air bubbles are noted in the aquarium. Add required amount of water to return the pump chamber to the desired level.