

## SYSTEM II MAINTENANCE

The System II has only minimal maintenance to perform. Performing a 10-20% water change every 1-3 weeks is a standard practice for any aquarium, and we recommend it for the System II as well. Follow the manufacturer's directions for maintenance regarding any chemical filtration media you are using in the Chemical Media Cup (7).

**Clean out or replace your prefilter frequently.** A good sign your prefilter requires attention is when the water level on the incoming face (left from the front of the aquarium), is higher than the side facing your aquarium's center. The easiest and most effective method is to pull the prefilter out of the aquarium while still on the plastic holder, take it outside and blast it clean with a high-pressure garden hose nozzle, then place it back into the aquarium. When cleaning doesn't return the flow through the prefilter to normal, it is time to replace it. That's all the maintenance required!

### Feeding Tip:

When feeding your fish flake and other floating foods, try pinching the food between your fingers and releasing the food an inch or so below the surface of the water. The System II has excellent circulation, and any floating food dropped on the surface will rush right over the flowgate. Not only will this add waste to your aquatic system and unnecessarily clog up your prefilter, but your fish may get hungry and resent being teased!

## SYSTEM II PARTS & ACCESSORIES

### Prefilters

For 16" to 20" tall aquarium models:

Part# 10-500-92020

For 24" tall aquarium models:

Part# 10-500-92024

### Lighting Accessories

Additional Fluorescent Light Fixtures (Expandalights) are available.

15" - 24" Fixtures: Part# 10-510-99920

36" - 48" Fixtures: Part# 10-510-99930

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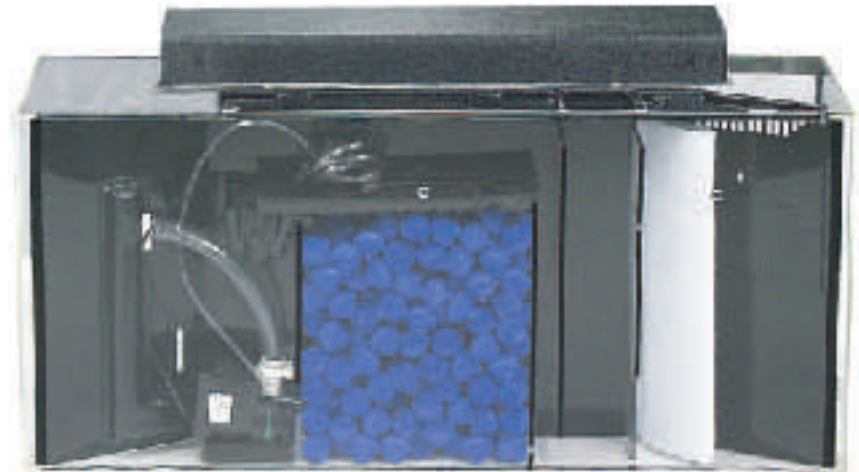
<http://www.casco-group.com>



# System II

# READY-TO-RUN

THE ULTIMATE LIFE SUPPORT SYSTEM



## INTEGRATED AQUARIUM AND WET/DRY FILTRATION

SINGLE AND DOUBLE BIO CHAMBER MODELS

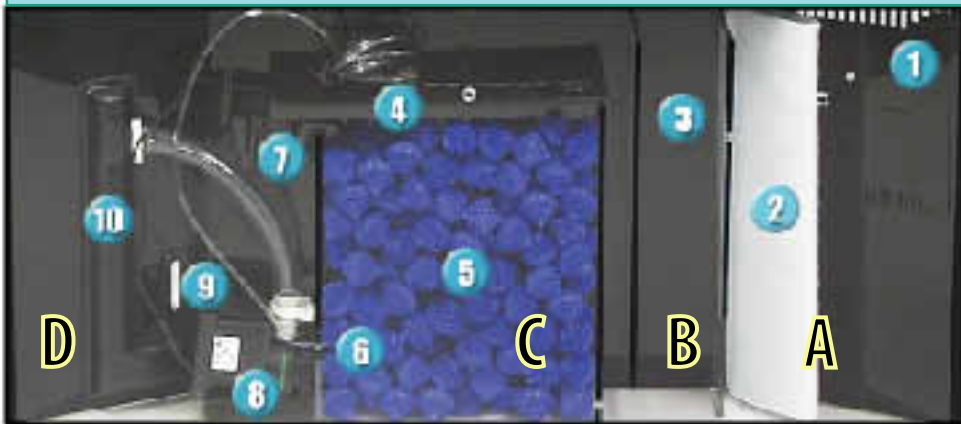
Please, if you need assistance with your aquarium, contact your local pet, aquarium or tropical fish store. If you need additional assistance, our Customer Service Department personnel are trained to resolve most problems quickly by mail or over the telephone. Information regarding the operation of your System II is also available at: <http://www.casco-group.com/system2faq.html>

## GENERAL CARE AND SAFETY TIPS:

- NEVER USE PAPER TOWELS OR ANY DETERGENTS TO CLEAN THE AQUARIUM. Paper towels are abrasive and detergents and glass cleaners are chemically too strong. Use a soft cloth and warm water or a product specifically designed for use with acrylic.
- USE A SOFT SPONGE OR ACRYLIC SAFE ALGAE PAD TO REMOVE ALGAE GROWTH. Visit your local pet store for a broad selection of cleaning materials especially designed for acrylic aquariums.
- DO PARTIAL WATER CHANGES AT LEAST EVERY 3-4 WEEKS. A good rule of thumb would be to change 25%. Be sure that the temperature is the same and use a water conditioner/dechlorinator. Check with your local pet store.
- CHOOSE A LOCATION FOR YOUR AQUARIUM IN ADVANCE. Once it is filled with water, do not attempt to move it while full.

Our acrylic aquariums are considered to be among the finest aquariums available in the world. We are very proud of our designs, our engineering, our selected materials and our craftsmanship. May you always experience the best that our product has to offer.

## SYSTEM II COMPONENTS



- |  |                              |
|--|------------------------------|
| ① 4-way Flowgate                           | ⑥ Air Injection Nozzle       |
| ② Prefilter (white fiber w/ plastic frame) | ⑦ Chemical Media Cup         |
| ③ Protein Skimmer Chamber                  | ⑧ 350 gph Water Pump         |
| ④ Bio-Aire Drip Tray                       | ⑨ Water Level "Viewhole"     |
| ⑤ Biological Filter w/Media                | ⑩ Turbulence Manifold Return |

Plastic Covers for Filter:

Chamber A - Triangle   Chamber B - Square   Chambers C&D - Rectangular(1-2)

Light Hood(s) with Fluorescent Fixture

## SETUP INSTRUCTIONS

- Carefully remove your SeaClear System II from the box. Remove the packaging material and inspect your aquarium for damage.
- Place the aquarium in the location you have chosen to set it up. It is recommended that the aquarium not be moved once it is filled with water. **Location Tip:** Place your aquarium near a convenient power source, away from direct sunlight and heating or cooling vents. Please refer to the included warranty card for additional requirements.
- Carefully remove the light hood and the plastic bag holding the System II Chamber Covers.
- The Prefilter sits in Chamber A diagonally, as illustrated above.
- If you are using one, install the heater in Chamber A. There is a slot in the cover for the heater power cord.

- Chamber B is for a SeaClear System II Protein Skimmer (optional). If you are planning to set-up a saltwater (marine) aquarium, it is recommended that you use a protein skimmer. See your SeaClear dealer for more information.
- Verify your Drip Tray (4) is level and snapped on tight. The System II Drip Tray needs to be level for water to flow across the ENTIRE Drip Tray and for the filter to operate properly.
- Your System II provides sufficient aeration for most aquatic environments through the fall of the water, so adding an air pump is optional and not required. The SeaClear System II comes equipped with an airline hose connected to an air injection nozzle (6) for the biological chamber (C). If an air pump is connected to the airline, air is injected into the biological chamber providing more oxygen for additional bacteria growth. Additional bacteria means more capacity and more fish.
- The 4-way flowgate (1) has different options available to control water skimming. If you plan on keeping smaller fish, consider using the smallest teeth of the gate to prevent unwanted fish exploration. If you plan on stocking larger fishes, then the larger teeth will better suit your purpose.
- Only add a 1/4" - 3/4" of gravel or crushed coral (substrate) to the bottom of your System II. A thick layer of substrate will trap waste, requiring frequent cleaning.
- Fill the System II about half full and then add any large decorations you have (large rocks, branches, coral). It is a good idea to decorate your aquarium as much as possible in the beginning. The more decorations you have, the less fish and animals it will take for your aquarium to look good. This will keep you from overloading your aquarium.
- Fill the SeaClear System II within an inch to two inches from the top and then plug in the pump. As the pump circulates the water you may need to add water to help the System II equalize. Since the water level of the main body (front) of the aquarium will always remain at the level of the flowgate, the water level in the bio-media chamber(s) and the pump chamber (C & D - they are connected and thus maintain the same water level) is set by the total volume of water in the aquarium.
- Keep your water level in the biomedica and pump chambers approx. 1 to 2 inches above the water pump. This will allow for optimal filtration and keep your pump submerged. Too much water in these chambers will greatly reduce the effectiveness of the filter. When you see air bubbles shooting into the front of the aquarium, you know the level is too low, or that the prefilter has become clogged.
- You can check the level of the water in chambers C & D by looking through the aquarium for the water line in the clear "viewhole" (9).
- Enjoy your SeaClear System II!

