

## WHAT'S INCLUDED WITH YOUR SYSTEM

- 1 – Glass Tank with Lid
- 1 – LED Light with Independent Switches
- 1 – Replaceable Filter Sponge ( Item # RC24ECO-RFS )
- 1 – Media Trays pre-filled with Enhanced Filter Media
- 1 – Nano Protein Skimmer
- 1 – Submersible Return Pump
- 1 – Return Outlet Tubing
- 1 – Flexible Return Outlet
- 1 – Cabinet Stand (Separate Box)

## WARRANTY

### AQUATOP 1 YEAR LIMITED WARRANTY

Products are warranted by AQUATOP Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period of 1 Year from the date of the original purchase. Products have no warranty if: 1.) The product has been serviced, modified or tampered with by anyone other than AQUATOP Aquatic Supplies, 2.) The product has been abused or damaged (including broken or cracked bulbs) 3.) Aquarium Stands/Cabinets are not cared for properly (ie. warping or discoloration from water damage or salt residue), and/or 4.) The product has been transported without proper packaging.

### WARRANTY LIABILITY DISCLAIMER

In no event will Aquatop® be liable for any consequential or incidental damages, including but not limited to, lost sea life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any Aquatop® product.

For more information on tank health and maintenance as well as other products carried by Aquatop, visit our website: [www.aquatop.com](http://www.aquatop.com)

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AQUATOP®

# RECIFE ECO SERIES

COMPLETE AQUARIUM SYSTEM



OWNER'S MANUAL

**MODEL: RC-24ECO / RC-40ECO**

Thank you for purchasing AQUATOP's Recife ECO Series All-in-One reef aquarium system. This aquarium kit includes the necessary accessories to provide an ideal habitat for marine fish and corals. The Recife Eco series utilizes an advanced 5-stage Internal Filter Box system for a simple and effective way to hide the filtration components for optimal, unobstructed viewing of your aquatic environment. In addition to the included dense sponge filter block, each media tray contains specially enhanced filtration media for Mechanical, Chemical & Biological filtration. The top tray includes our premium carbon infused media for removing discoloration, odors & harmful dissolved organics from the water column. The second tray contains our specialized Phosphate & Nitrate Removing Media which removes unwanted Phosphates and Nitrates from the system. While the remaining tray(s) are filled with our premium biological filtration media providing a large surface area for beneficial bacteria to colonize and break down toxic Ammonia and Nitrite.

This system includes a reef ready LED light, a custom nano protein skimmer, a submersible pump and a matching cabinet stand. Suggested additional equipment: 100-200 watt heater.

WARNINGS & SAFETY

To guard against injury, basic safety precautions should be observed, including the following:

**READ ALL SAFETY INSTRUCTIONS BEFORE USE.**

Please read this instruction manual thoroughly before operating. AQUATOP is not responsible for damage caused by failure to comply with the recommended set up procedures.

**SAFETY & OPERATION INSTRUCTIONS**

1. The product must be placed on a level surface at all times
2. Use specified voltage.
3. A drip loop must be used with all electrical aquarium devices. A drip loop is a self-made part of the cord hanging below the receptacle. (See Fig. 1)



Fig. 1

**Bubbles are coming out the outlet into the aquarium**

1. The water level may be too low. Check specific gravity after topping up to the correct level.
2. The elbow has become loose or come off the pump inlet.

**Water flow into the aquarium has decreased or stopped**

1. Filter sponge requires cleaning or replacement
2. The pump and impeller need to be cleaned.
3. The return tubing or flexible outlet is blocked. Remove components for cleaning.

PROTEIN SKIMMER TROUBLESHOOTING

**If not functioning properly, please check the following items:**

1. Check that the unit is plugged in securely.
2. Inspect the venture airline and the air intake diffuser to make sure they are not clogged.
3. Check specific gravity of the aquarium water.
4. If using an activated carbon other than the media provided for filtration, remove from system as the carbon may out compete the functions of the protein skimmer.
5. If dosing any water additives, please follow the manufacturer's instructions included with the additive. Otherwise, we recommend temporarily unplugging the protein skimmer until the dosing cycle is completed.
6. Inspect the submersible pump and impeller.
7. Contact the place of original purchase or the manufacturer for additional information.

**Note:** All protein skimmers generally require a 1 to 2 week "Break-in Period." During this period, the protein skimmer may discharge micro-bubbles into the aquarium, which is normal. These micro-bubbles will subside after the "Break-in Period" under normal operation. For additional information, please refer to the troubleshooting.

SPECIFICATIONS

Model #	Tank Capacity	White Temp	Blue Wavelength	Flow Rate
RC-24ECO	24 Gal	12K	460nm	475GPH
RC-40ECO	40 Gal	12K	460nm	475GPH

## INSTALLATION

### SETTING UP THE LED LIGHT

1. Ensure your hands are dry. Connect the light unit to the power supply unit.
2. Adjust the included mounting feet to the width of the aquarium and place the LED Light on top of the aquarium.
3. Connect the power supply unit to a power outlet (GFCI outlet recommended) and switch the independent LED Light switches to the on position.



## MAINTENANCE

### Cleaning/Removing the Submersible Pump:

- 1) Unplug the submersible pump from the electrical outlet before performing any maintenance.
- 2) Remove pump from designated location.
- 3) Turn the impeller cover slightly counter-clockwise to remove.
- 4) Rinse pump and impeller with clean, warm water.
- 5) Re-install pump by performing the above steps in reverse.

### Cleaning the Collection Cup:

- 1) Unplug the protein skimmer from the electrical outlet.
- 2) Gently remove the collection cup from the skimmer body.
- 3) Empty out the contents of the collection cup and then rinse the cup with clean, warm water.
- 4) Place the collection cup back onto the skimmer body.

**Note:** Aquatop recommends replacing your Filtration Media every 30 days for best results.

Part # RC-ECOCB, Recife Eco Carbon Infused Media Cubes, 80g

Part # RC-ECOPN, Recife Eco Phosphate + Nitrate Removing Media Cubes, 80g

Part # PQR-400G, Premium Quartz Rings, 14oz Jar (Change 50% at a time as needed.)

## WARNINGS & SAFETY

### SAFETY & OPERATION INSTRUCTIONS

4. A GFCI (Ground Fault Circuit Interrupter) (See Fig. 1) should be used in the branch circuit supplying all power to water pumps and electrical aquarium equipment. If you do not have a GFCI, we strongly recommend having a qualified electrician install one prior to operating any aquarium component.
5. The aquarium is made of glass. Please handle with care.
6. When opening the boxes, use caution and beware of any broken glass that may have occurred during shipping.
7. Check the power cables and plugs for damage before plugging into an outlet. If damaged, do not operate.
8. For Indoor use only. Do not place the product in damp areas like yards or patios.
9. Please cut all power before installing, cleaning or performing maintenance. Make sure hands and plugs are dry before plugging in the power cord.
10. Keep children away from this product.
11. Do not use chemicals or solvents when cleaning; use warm water only.

## PREPARATION

### NITROGEN CYCLE

**NOTE:** Before adding aquatic creatures to your new aquarium, please be aware that there are changes in the water parameters that occur within 2-4 weeks of a new tank setup that can create a toxic environment for healthy fish and invertebrates. This process is known as the nitrogen cycle or 'tank cycling.' Ensuring that your water is properly 'aged' prior to introducing fish will greatly help prevent the loss of livestock in the early stages of a new tank. We recommend using an aquarium grade test kit to test your aquarium water parameters before adding new livestock.

**NOTE:** To accelerate the nitrogen cycle period, we recommend using Aquatop's NitroBoost Dry Nitrifying Bacteria.

For more information, please contact your local dealer or visit [www.aquatop.com](http://www.aquatop.com)

### KNOW YOUR EQUIPMENT

Read and follow all the instructions, even if you feel you are familiar with the product. Find a place to keep the instructions handy for future reference. Your attention should be drawn particularly to the sections concerning "IMPORTANT SAFEGUARDS" and the "GUARANTEE CONDITIONS". Please ensure you retain your original purchase receipt in the event that guarantee service is required. Carefully unpack the aquarium making sure you keep all the packing material until all the parts of the product have been found and the product has been assembled. This product is shipped to you in a factory sealed carton. Should the product malfunction in any way or if the unit is damaged and requires replacement, contact the retailer where the product was purchased for inspection.

### REPLACEMENT PARTS AND FILTER MEDIA

Use Aquatop Genuine Spare Parts Only. See your local Aquatop Dealer and refer to the spare part numbers listed in the instructions supplied with the accessories.

**SET UP / PARTS LOCATION**

1. Main Tank with Glass Lid
2. Reef Ready LED Light
3. Multi-stage Internal Filter Box
4. Replaceable Filter Sponge (Item # RC24ECO-RFS)
5. Media Trays pre-filled with enhanced filtration media
6. Protein Skimmer Location
7. Return Pump Location
8. Cabinet Stand

**Note:** The RC-40ECO includes x4 Media Trays



# RC-40ECO



# RC-24ECO

\* Image shows back of aquarium

Your aquarium will be in 2 separate boxes, one will contain the aquarium and all the included accessories, the other will include the matching cabinet stand. Follow the instructions for the stand assembly and then place the stand in the desired location on a flat, level surface. Next, remove the glass aquarium from the packaging and carefully place the aquarium on the cabinet stand. Ensure the aquarium is centered on the stand. Follow the Set up / Parts Location Diagram for installing the Sponge Block, Protein Skimmer and Return Pump (See pg. 3). Follow the Installation instructions for the LED Light on Page 5.



# RC-24ECO

# RC-40ECO

\* Image shows back of aquarium