

WARNING

Buyer/User assumes all responsibility for safety and proper use not in accordance with the directions and safety labels.



R1 Aquarium Kit

- Radius corner glass aquarium
- Dual dry/wet filtration
- Quiet and energy efficient
- Easy installation and maintenance
- Complete mechanical and biological filtration system with top filter and pump
- Aluminum moisture resistant fluorescent light fixture with three rows of lights and individual switches for each row



Congratulations for purchasing a ViaAqua® self-contained aquarium kit!
All ViaAqua® aquarium kits can be used for either saltwater or freshwater environments.

Having a well-maintained and established aquarium in the house or office provides a soothing and tranquil feeling for all. It is known that aquariums and fish help reduce stress and anxiety. A child's love for fish can be used to teach responsibility as well as basic biology.

The following are some helpful hints as well as specific guidelines to set up and maintain an aquarium. These are guidelines and can't account for every variable in owning and/or taking care of an aquarium with live animals.

We recommend that when having any questions always consult your local tropical fish store or pet supply store.

Please follow these guidelines for a successful aquatic environment.

WARNING

- » This product may contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. Wash you hand after handling the product.
- » It is your sole responsibility to verify that the plug and receptacle are clean/free of moisture and salt build up at all times. The receptacle must be free of water, salt, calcium, and magnesium. Failure to do so may cause fire and/or loss of life.
- » Do not plug into an extension cord or power strip.
- » A drip loop must be used when plug into any electrical devices. A drip loop is part of the cord hanging below the receptacle.
- » The national code requires all aquarium equipment to be plugged into a G.F.C.I. (Ground Fault Circuit Interrupter) electrical outlet. If you do not have a G.F.C.I., have an electrician install one prior to operating any aquarium components.

PRECAUTION AND WARNING

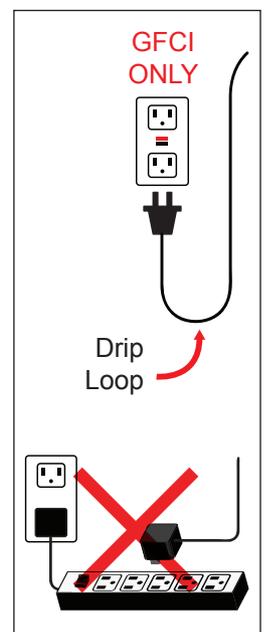
Before installing a ViaAqua® Aquarium Kit Read and Follow all warnings and safeguards and to guard against injury, basic safety precautions need to be observed.

- * Read and follow all warning and instructions.
- * The aquarium must be placed on a strong and level aquarium stand.
- * If the light hood is to fall into the water or is sitting in water do not reach for it. Unplug the light fixture first then retrieve and/or remove. If the light is to get wet unplug immediately.
- * Always unplug all electrical devices prior to working on the aquarium and/or filter.
- * Do not operate if any of the electrical cords are damaged.
- * Never yank or pull the cord from the electrical outlet.
- * Only use the aquarium for it intended use.
- * Do not lift the aquarium with water inside.
- * Do not operate the pump without water.
- * All components are intended for indoor use only.

INSTALLATION

First decide on what kind of fish you would like to keep.

- Goldfish-coldwater
 - Tropical fish
 - Saltwater aquarium
 - Planted aquarium
 - Reef aquarium
1. On a perfectly flat surface fill the aquarium with water to verify that there are not any leaks. Now that there are not any leaks remove the water from the aquarium. Never lift the aquarium with water either scoop or siphon water from the aquarium.
 2. Guidelines for aquarium location.
 - a. Do not put the aquarium directly in the front of a window.
 - b. Do not put next to a door that leads to the outside. Any consistent draft will make it very difficult to maintain a stable temperature.
 - c. If you are not placing the aquarium on an aquarium stand verify that the surface is flat, level and strong. Note that water weights approx. 8 lbs. per gallon.
 - d. Keep out of reach of children.



3. Electrical supply

- a. Plug in all electrical aquarium appliances into a G.F.C.I. electrical outlet only
- b. Do not plug into an extension cord
- c. Always disconnect the power to all aquarium devices prior to maintenance
- d. Do not plug in the pump until the aquarium is full of water.

4. Filtration

- a. Attach the intake tube and the intake strainer to the intake of the pump. The intake of the pump is that side without the cord
- b. Now secure the pump into the left side of the filtration box.
 - R-1 80 rotates the pump until the output is facing the right side of the filter box.
 - R1-100 to R150 slides the rectangle discharge bracket into the top of the pump. Now align the tabs with the slots and push tabs into the slots.
 - Then insert the 3.5" pipe adapter into the output of the pump. Now the discharge elbow slides into the 3.5" pipe adapter. See Diagram 1b.
- c. Rinse and place the biological media evenly in one of the trays. Each bag of media is for one tray.
- d. Now place the filter pads above the biological media
- e. Optional carbon and other resin media may be used. Place all media in a media bag.
- f. Attach the spray bar to the discharge elbow using the 1" coupler provided. Verify the holes from the spray bar are facing down or towards the filter pads.
- g. Now place square float into the right side of the filter box. If an all wet biological filter is desired place the clear standpipe in the discharge hole.
- h. Place lids back on top of the filter.

5. Lighting

- a. On the bottom of the light are four screws. Using a coin turn the screw 180 degrees and remove. Do not use excess force
 - b. Peel off protective paper
 - c. Verify the bulbs are seated in the end caps
 - d. Reassemble and the light is ready to use.
 - e. Plug the lighting unit into a GFCI electrical outlet
 - f. Verify that a drip loop is being used.
6. Rinse gravel well
 7. Fill aquarium with water. When filling the aquarium with water verify that the container is clean and not contaminated
 8. Fill the aquarium to just below the discharge adapter on the right side of the dual stage biological filter.
 9. When keeping Tropical fish or a saltwater aquarium a Via Aqua heater is recommended. Please consult your local tropical fish store or pet supply store for the proper wattage heater.
 - * R-1 80: 150 watt ViaAqua® preset heater
 - * R-1 100: 200 watt ViaAqua® preset heater
 - * R-1 120: 250 watt ViaAqua® preset heater
 - * R-1 150: 300 watt or two 200 watt ViaAqua® preset heater
 10. Place a thermometer on the opposite side of the heater
 11. Install the heater according to the manufacturer's guidelines. Wait 15 min. for the heater to acclimate to the water temperature in the aquarium prior to plugging the heater into a G.F.C.I. electrical outlet.
 12. Place the heater where there is good water circulation.
 13. Due to varying water conditions water supplements may be necessary, consult with

your local tropical fish store or pet supply store for the required water conditioners for your area.

14. Verify that there are not any leaks.
15. Once the aquarium has reached the proper temperature you are ready to add fish and plants.

Helpful Hints:

The light fixture must remain free of water and/or salt creep at all times failure to do so will cause permanent damage to the light fixture, cause electrical arcing and/or start a fire.

Do not add all the fish and plants at one time. See your local tropical fish store and pet supply store for proper new tank setup. An additional life support system is recommended.

Aeration-aids is use of a secondary water circulating pump.

BASIC GUIDELINES

Keeping Tropical fish is easy once you understand the basics. Every aquarium is a self-contained ecosystem. Meaning that water, fishes, plants and nitrifying bacteria all work together to maintain a stable environment. At first the aquarium is not balance because the nitrifying bacteria have not had a chance to cultivate in the biological media. The introduction of nitrifying bacteria will help speed up the biological cycle and create a healthy environment for your fish. Adding the bacteria is not an instant solution but will greatly improve set up of any new aquarium. Now, add few fishes and plants, as this will start your biological cycle.

Consult your local tropical fish store or pet supply store for a few hearty fish and plants. Now it will take a little patience since it is a natural process there is not an exact time frame as when the biological cycle will end. To verify that the biological cycle is complete test the water for ammonia and nitrite. If both the ammonia and nitrite are at 0.0 ppm you are ready to slowly stock your aquatic environment. Adding fish weekly is recommended so the environment has time to adjust to the increased biological load. Two weeks after the biological cycle is complete change 25-30% of the water once a month.

Remember these are only guidelines and not rules of aquarium set up. Set up can vary depending on local water conditions and the type of fish or animals you would like to keep. A good tropical fish store or pet supply store can assist with good advice.

- * Do not add all the fish and plants at one time.
- * See your local tropical fish store for proper new tank setup.
- * An additional life support system is recommended.
- * Aeration-aids in good gas exchange or use of a secondary water circulating pump.

AQUARIUM AND CABINET

Item no.	Color	Dimensions (approx.)	Hood Size	Capacity	Light Bulb	UPC # 0069037
R1 120B	Black	48 1/4"L x 18"W x 26"H	4.5 in. H	80 gal.	2 x 22 13/16" 20w Pink 2 x 35 3/16" 30w Pink	1214 9
R1 120S	Silver					1215 6
R1 120RWO	Red walnut oak					3006 8
R1 120T-B	Black	48 1/4"L x 18"W x 27 3/8"H	4.5 in. H	100 gal.	2 x 22 13/16" 20w Pink 2 x 35 3/16" 30w Pink	2460 9
R1 120T-S	Silver					2461 6
R1 120T-RWO	Red walnut oak					3007 5
R1 150-B	Black	60 3/8"L x 18"W x 28 1/4"H	4.75 in. H	105 gal.	3 x 22 13/16" 20w Pink 3 x 29 3/16" 25w Pink	1219 4
R1 150-S	Silver					1220 0
R1 150-RWO	Red walnut oak					3008 2
R1 150T-B	Black	60 3/8"L x 18"W x 32 3/4"H	4.75 in. H	130 gal.	3 x 22 13/16" 20w Pink 3 x 29 3/16" 25w Pink	2463 0
R1 150T-S	Silver					2464 7
R1 150T-RWO	Red walnut oak					3009 9
R1 180-B	Black	72"L x 20"W x 28 1/2"H	3.5 in. H	150 gal.	3 x 35 3/16" 30w Pink 3 x 29 3/16" 25w Pink	1259 0
R1 180-S	Silver					1262 0
R1 180-RWO	Red walnut oak					3010 5

AQUARIUM CABINET

High density compress board
Full size aquarium cabinet

Item no.	Aquarium Model	Color	Dimensions (approx.)	UPC #0069037
R1 120KD-B	R1-120	Black	50" L x 18 3/4" W x 30" H	1358 0
R1 120KD-S		Silver		2513 0
R1 150KD-B	R1-150	Black	61 3/4" L x 18 3/4" W x 30" H	1361 0
R1 150KD-S		Silver		2494 4

LIMITED WARRANTY

Commodity Axis Inc. warrants that the ViaAqua® Aquarium kit is free from defects for a period of one year from the initial date of purchase shown with the original cash register receipt. Commodity Axis Inc. disclaims all other warranties of merchantability and/or fitness for a particular purpose. Although this limited warranty may give you specific rights, you may have other rights that may vary from state to state. This warranty is void if the failure of the ViaAqua® Aquarium kit or any part, sealant or component there of is due to (i) misuse, (ii) tampering, (iii) negligence, (iv) misapplication, (v) abuse, (vi) accident and/or (vii) failure to properly (a) maintain, (b) clean, (c) keep in contact with water and or use the ViaAqua® Aquarium Kit with a Ground Fault Circuit Interrupter (G.F.C.I.).

CONSUMER REMEDIES

Commodity Axis Inc. entire liability and your sole exclusive remedy be, either the repair or replacement of the ViaAqua® Aquarium Kit only if the return the defective ViaAqua® Aquarium Kit directly to Commodity Axis Inc. with the original cash register receipt in this original box along with \$25.00 for shipping and handling. Do not send the ViaAqua® Aquarium kit by insured mail. The ViaAqua® Aquarium kit may be sent by UPS requiring a signature on arrival. Any replacement of ViaAqua® Aquarium kit will be warranted for the remaining for the original warranty period. In no event will shipping charges be reimbursed. In not event will Commodity Axis Inc. be liable for any consequential or incidental damages including, but not limited to loss of life, personal injury, property damage, damaged equipment, lost profits, lost wages, lost savings, lost income, etc. Some states do not allow for the limitations or exclusion of liability for incidental or consequential damages, so the above exclusion may not apply to you.

REGISTRATION CARD

ONE (1) YEAR WARRANTY CARD

Name		Date
Address		
City	State	Zip Code
Country	Home Phone	
Cell Phone	Email	
Seller (Retail Name)	Date of Purchase	
Seller's Location		Phone

*Affix a copy of your original purchase receipt here. Please mail warranty card and proof of purchase within 15 days of purchase to:

Commodity Axis® Inc., 300 South Lewis Rd. Unit J. Camarillo CA 93012

IMPORTANT: Please make a copy of this warranty card and retain it for your records. Warranty policy is subject to change without notice.