

WARNING

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



MULTI-SKIMMER™

New added features:

- Surface skimmer
- Larger pump with more water flow: 200 GPH
- Adjustable surface skimmer with bottom pick-up
- Simple installation and compact design
- Adjustable/variable venturi with exclusive air/water mixing chamber
- Adjustable collection cup
- Built-in biological or UV Sterilizer chamber
- Deluxe model includes a 5 watt compact UV Sterilizer bulb
- Ozone compatible
- Filter cartridge with activated carbon
- Patent pending



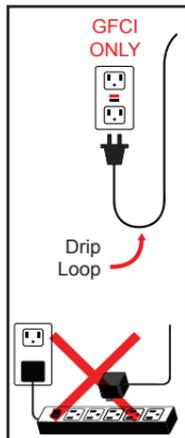
ViaAqua®

PRECAUTION AND SAFEGUARD

WARNING

- » The UV lamp used in this unit produces harmful ultraviolet radiation. Never look directly at lamp as damage to eyes will occur. Always disconnect the power supply before opening the unit for service. Failure to do so will expose the user to harmful UV radiation.
- » This product may contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. Wash your 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.

- * Read and follow all warning and instructions
- * If the product is to fall into the water or is sitting in water does not reach for it. Unplug the appliance first then retrieve and/or remove.
- * Do not operate if the cord is damaged.
- * Always unplug the appliance prior to working on the aquarium or filtration.
- * Never yank or pull the cord from the electrical outlet.
- * Only use the product for intended use.
- * Do not use with flammable liquids.
- * Do not use with water above 95 degrees F.
- * Do not lift the Skimmer by the cord.
- * Do not operate without water.
- * Intended for indoor use only.



INSTALLATION OF THE UV STERILIZER

1. Follow all safeguards and warning
2. Read and follow all safeguards and precautions
3. Screw set to the center of the skimmer
4. Place the skimmer on the back of the aquarium
5. Tighten the set screw to secure the skimmer onto the back of the aquarium
6. Assemble the surface skimmer and intake strainer
7. The surface skimmer needs to be adjusted so that the water level is at the middle of the slots
8. Remove filter cartridge
9. Place water in the skimmer
10. Verify that the flow control is all the way open
11. Place the priming silencer onto the top of the variable venturi intake tube.
 - A. The priming silencer needs to be threaded onto the top of the variable venturi intake tube. Now, rotate the cap so that the hole on the top of the silencer is turned away from the green dot.
 - B. Attach a 3-4 ft. piece of airline tubing to the variable venturi tube and apply suction until the air is removed from the intake tube.
12. Plug pump into a G.F.C.I. electrical outlet
13. Now, squeeze the priming silencer until all the air is removed from the intake tube
14. The motor will engage and start to pump water
15. Once water is discharging back into the aquarium open the air to the variable venturi tube by twisting the top of the priming silencer and aligning it with the green dot
16. Remove filter cartridge and place in skimmer
17. Verify that there are not any leaks
18. Let the skimmer operate without any adjustment for 20 minutes, as skimmer need time to start to work

NOTE: The skimmer will not prime if:

- * There is not water in the main body of the skimmer
- * There is not water in the aquarium
- * Water level is not at the proper level
- * The skimmer is not plugged in
- * Variable venturi lock nut is not hand tightened
- * The variable venturi tube is not $\frac{1}{2}$ " above the impeller
- * There is not any salt in the water. Salinity should be 10.0024
- * There is not a biological load. Tank must have live stock
- * There is water conditioner such as stress coat or aqua safe

ADJUSTMENT OF THE VARIABLE VENTURI INCREASE OR DECREASE AIR VOLUME

Problem 1: If there are not organics/proteins collecting in the cup, then:

1. Increase the air volume by raising the variable venturi by a $\frac{1}{2}$ ". Do this by loosening the variable venturi lock nut and then slide the tube up $\frac{1}{2}$ ". Then, hand tighten the variable venturi lock nut. Note this may cause the unit to lose prime if so refer back to step 9.
2. Double check salinity level 10.0024.
3. Check to see if the priming cap and silencer has been opened to allow air in.

Problem 2: If there is too much water collecting in the collection cup and/or air bubbles are returning to the aquarium.

1. Lower the variable venturi so that the bottom of the variable venturi $\frac{1}{2}$ " above the impeller well.
2. Decrease water flow by adjusting the flow control. All adjustment needs to be small. $\frac{1}{8}$ of a turn. If problem persists after a few minutes adjust again.
3. Salinity is higher than 10.0024. Salinity needs to be lowered to 10.0018 if problems persist.
4. The use of water conditioner such as stress coat or aqua safe. The only solution is to continue to dump the collection cup until the product is removed from the water.

MULTI-SKIMMER DELUXE W/UV STERILIZER

WARNING! The UV lamp used in this unit produces harmful ultraviolet radiation. Never look directly at lamp as damage to eyes will occur. Always disconnect the power supply before opening the unit for service. Failure to do so will expose the user to harmful UV radiation.

1. Remove the reaction chamber from the main body of the skimmer.
2. Slide the out the top of the reaction chamber.
3. Remove the packing material from the quartz sleeve and bulb. Place the quartz sleeve and bulb into the black reaction chamber.
4. Replace the top of the reaction chamber to secure the quartz sleeve and bulb.
5. Replace the complete reaction chamber in the main body of the skimmer.
6. Now install the skimmer referring to the installation instructions.
7. Secure the ballast where it will stay dry.
8. Once installed plug the ballast directly to a G.F.C.I. electrical outlet using a d ring loop.

REPLACEMENT OF BULB

The PL UV bulb needs to be replaced every 8,000-9,000 hrs. to ensure optimum performance.

1. Unplug all aquarium devices prior to working on the Multi-Skimmer.
2. Remove the black reaction chamber from the main body of the skimmer.
3. Slide the out the top of the reaction chamber.
4. Remove the quartz sleeve.
5. Unscrew the top of the quartz sleeve.
6. Clean quartz sleeve.
7. Replace the PL UV bulb. Try not to have your hands come in direct contact with the bulb. Use a clean cloth to handle the bulb and install the bulb.
8. To insure a good seal add a small amount of silicone lubricant to the o-ring.
9. Hand tighten and reinstall.

TROUBLE SHOOTING

Problem: The Multi-Skimmer will not prime. Water will not enter the intake tube and down to motor.

1. The aquarium and the skimmer must be full of water.
2. Check to see if the variable venturi lock nut is tight so that the variable venturi tube will not slide up and down.
3. The bottom of the variable venturi tube should be about $\frac{1}{2}$ "- $\frac{3}{4}$ " above the impeller assembly. If adjustment needs to be made make sure the venturi lock nut is hand tight.
4. Make sure the unit is plugged into a G.F.C.I. outlet.
5. If restarting after operation the impeller and impeller well may need to be cleaned to insure optimum performance from the pump.
6. The water level in the surface skimmer is too low.

Problem: Nothing will collect in the collection cup

1. There is not a biological load in the aquarium.
2. The air volume needs to be raised to increase the air volume.
3. The variable venturi needs to be cleaned. Clean the venturi and reassemble the multi-skimmer according to the instructions.
4. It may take several hours for a skimmer to start to work. Set up and wait without any adjustments and wait several hours then check.
5. The foam is unable to climb into the collection cup due to oils from your hands, tank additives and/or foods feed.
6. Verify the collection cup is all the way down.
7. In units with out the UV light add water level control and increase water level in main chamber.

Problem: Only water is collecting in the collection cup

1. The salinity is too high. Adjust salinity level to 1.018-1.023
2. The use of additives such as water conditioners and or use of synthetic sea salt are causing the bubbles to bond longer thus the water in the cup. As collection cup fills dump water and repeat until skimmer is working properly.

3. The aquarium was just cleaned and/or water change was done. As collection cup fills dump water and repeat until skimmer is working properly.
4. If the air volume is to high, then decrease it by lowering the variable venturi.
5. Raise the collection cup.

Problem: Small air bubbles are discharging back into the aquarium.

1. The filter pad is clogged or too soiled and water/air bubbles are escaping over the filter cartridge. Replace filter pad.
2. The salinity is too high. Adjust salinity level to 1.018-1.023
3. Most medication will increase the length the air bubbles will stay in the water. Connect a piece of airline tubing to the intake of the variable venturi and submerge the opposite end in the aquarium so the unit is just a power filter. Skimmer in general should not be operated with the use of medication as it will remove the medication.
4. The use of water conditioners (de-chlorinator, stress coats, algacides, and red slime removers) will increase the surface tension.
 - A. As collection cup fills dump water and repeat until skimmer is working properly.
 - B. Connect a piece of airline tubing to the intake of the variable venturi and submerge the opposite end in the aquarium so the unit is just a power filter for 24 hours and resume operation.

Problem: UV light is not working.

1. The ballast is not plugged into a G.F.C.I. electrical outlet.
2. If from shipping process, the bulb has popped out of the socket. Remove the quartz sleeve and replace bulb. Hand tighten quartz sleeve.

Item no.	Description	Capacity	Case Lot	UPC # 0069037
MSD-1	Standard model, 12.5" L x 7" W x 16" H	up to 80 gal.	3	2772 3
MSD-1D	Deluxe model (5w), 12.5" L x 7" W x 16" H	up to 80 gal.	3	2773 0
SFC 1	Replacement Filter Cartridge	1 pack	50	1179 1
SFC 3	Replacement Filter Cartridge	3 pack	50	1180 7
SFC 6	Replacement Filter Cartridge	6 pack	25	1181 4
SFC 12	Replacement Filter Cartridge	12 pack	72	1182 1

LIMITED WARRANTY

Commodity Axis Inc. warrants that Multi-Skimmer™ is free from defects for a period of one year from the initial date of purchase shown in 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 gives 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® Multi-Skimmer™ 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) proper bulbs, (d) reassemble, (e) keep unit from coming in contact of water and/or use the Multi-Skimmer™ with a Ground Fault Circuit Interrupter (G.F.C.I.).

CONSUMER REMEDIES

Commodity Axis Inc. entire Liability and your sole exclusive remedy be, either repair or replacement of the Multi-Skimmer™ only if you return the defective Multi-Skimmer™ directly to Commodity Axis Inc. with the original receipt in this original box along with fifteen dollars (\$15.00) for shipping and handling. Do not send the Multi-Skimmer™ by insured mail. The Multi-Skimmer™ may be sent by UPS requiring signature upon arrival. Any replacement Multi-Skimmer™ will be warranted for remaining of the original warranty period. In not event shall any shipping charges be reimbursed. In no 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. arising out of the use of the Multi-Skimmer™. Some states do not allow for the limitation or exclusion of liability for incidental or consequential damages, so the above exclusion may not apply to you.

ViaAqua[®] REGISTRATION CARD

ONE (1) YEAR WARRANTY CARD

Please fill out this warranty card and mail it with PROOF OF Purchase within 15 days of purchase to: Commodity Axis Inc.,

300 South Lewis Rd. Unit J. Camarillo CA 93012, USA

Name	Date	
Product Name	Mode No	
Address		
City	State	Zip Code
Country	Home Phone	
Cell Phone	Email	
Date of Purchase	Seller (Retail Name)	
Seller's Location	Phone	

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



COMMODITYAXIS[®]
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Bringing Products to Life
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