

AquaEuroUSA™

Recirculating Protein Skimmer 135



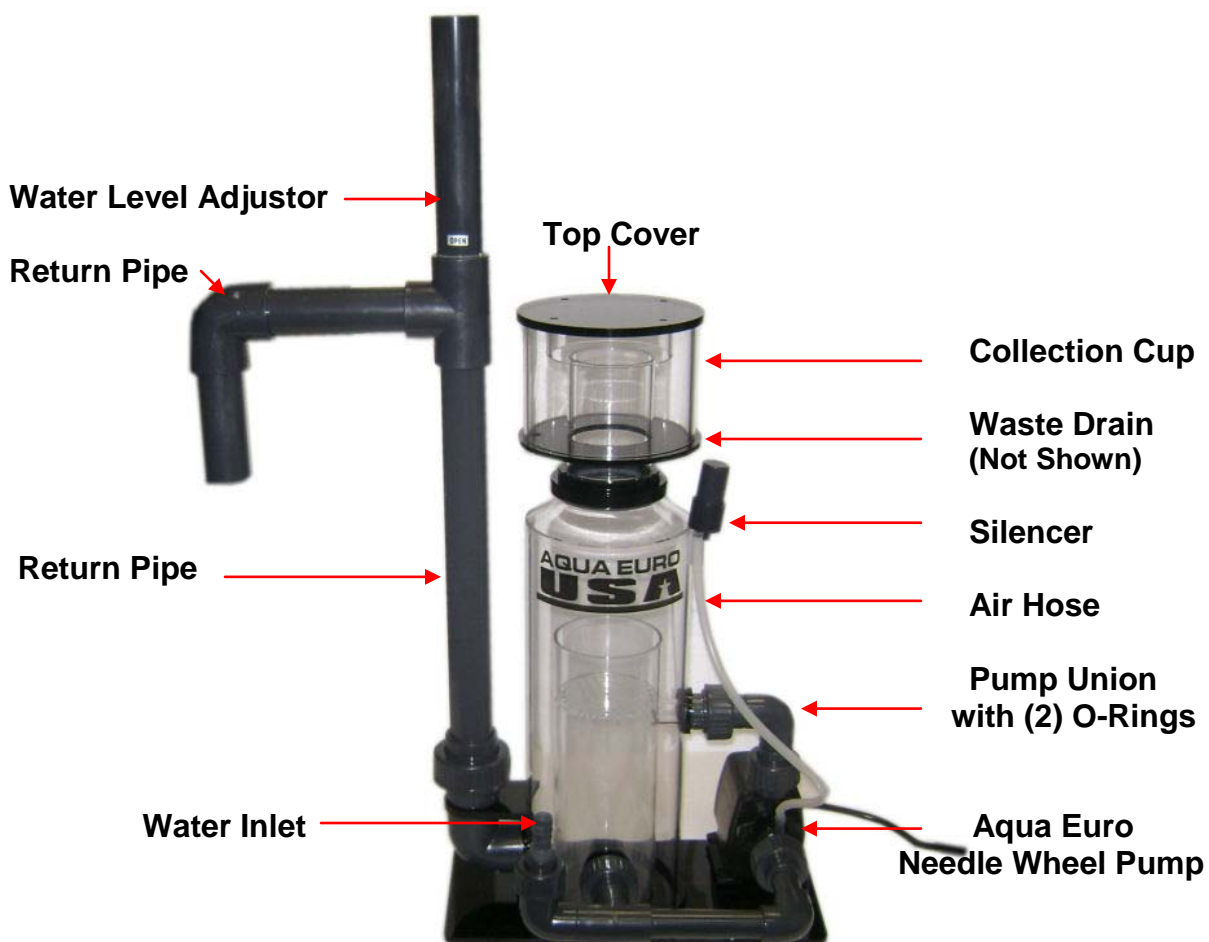
- IN-SUMP & EXTERNAL PROTEIN SKIMMER
- TOP QUALITY & HIGHLY EFFICIENT
- INCLUDES NEEDLE WHEEL PUMP
- 1 YEAR WARRANTY

AquaEuroUSA™

ASSEMBLY PARTS

NOTE:

Make sure all connections are secure. Examine for damages before installation.



PARTS CHECK LIST

- ✓ 1 Silencer
- ✓ Collection Cup
- ✓ 1 Pump with Air Hose
- ✓ Pump Elbow
- ✓ 4 o-rings
- ✓ Collection cup lid
- ✓ Return pipe
- ✓ Feeder pump (Not Included)
- ✓ Waste collector (Not Included)

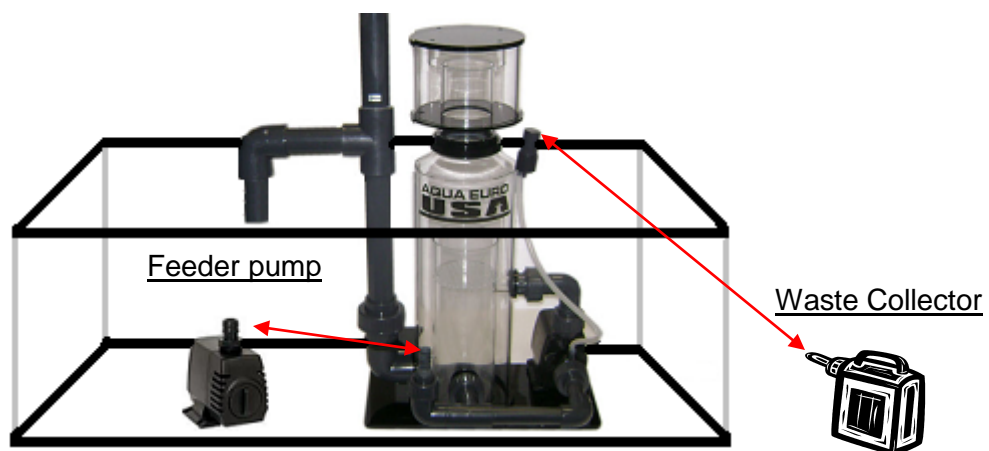
SET UP & OPERATION

Note: The return pipe will need to be cut no higher than the skimmer neck to prevent the skimmer from overflowing. The pipe will then need to be glued to unions with PVC glue (not included). The Recirculating Protein Skimmer is designed to be used externally or in the sump.

In Sump procedure:

1. Remove all accessories from box and examine for damages.
2. Rinse skimmer thoroughly to remove any fabrication debris.
(Can also be done after skimmer has been assembled)
3. Assemble Skimmer according to diagram (2nd page).
(Do not remove the o-rings from designed locations)
4. Slowly place skimmer in the sump.
5. Place the return water pipe above the water level in sump.
6. Leave sufficient clearance to be able to remove the skimmer collection cup.
7. Do not allow water to get into air hoses or silencers.
8. Select an appropriate pipe diameter (flexible tubing is recommended) and feeder pump to connect to water inlet. Feeder pump GPH should be 1.5 x tank size (gallons)
9. It is recommended to use either a valve on the water inlet pipe or a flow control pump to be able to adjust the amount water going into skimmer.
10. Place feeder pump in sump.
11. Place waste collector near the sump.
12. The recommended water level is between 5" to 7".
The sump water line varies depending on sump size and water flow
13. Turn pumps on and make sure the water level adjustor is in the open position.
Use with ground fault circuit interrupter (GFCI)
14. To adjust the water level in the skimmer, turn the water level adjustor clockwise.

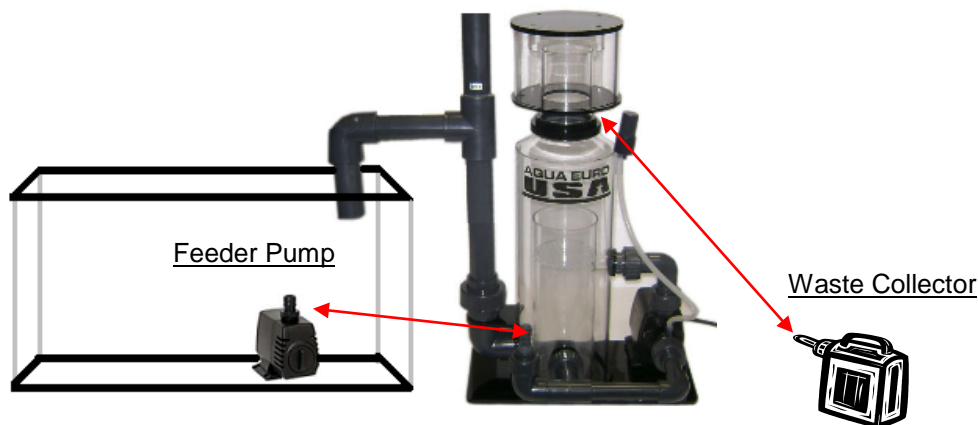
In Sump



1. Remove all accessories from box and examine for damages.
 2. Rinse skimmer thoroughly to remove any fabrication debris.
(It can also be done after skimmer has been assembled).
 3. Assemble Skimmer according to diagram (2nd page).
Do not remove the o-rings from destined locations to prevent any leakage.
 4. The pipes will need to be cut and glued using PVC glue (not included)
 5. If needed use Teflon tape to assure a leakage free fitting.
 6. Test skimmer for water leakage.
 7. Place skimmer next to the sump or remotely with a return drain back to the system.
 8. Place the return water pipe above the water level in sump.
 9. Leave sufficient clearance to be able to remove the skimmer collection cup.
 10. Do not allow water to get into air hose or silencer.
 11. Select an appropriate pipe diameter (flexible tubing is recommended) and feeder pump to connect to water inlet. Feeder pump GPH should be 1.5 x tank size (gallons).
 12. It is recommended to use either a valve on the water inlet pipe or a flow control pump to be able to adjust the amount of water going into skimmer.
 13. Place feeder pump in sump.
 14. Place waste collector near the skimmer.
 15. The recommended water level is between 5" to 7".
 16. Turn pumps on and make sure the water level adjustor is in the open position.
- Use with ground fault circuit interrupter (GFCI)**
17. To adjust the water level in the skimmer, turn the water level adjustor clockwise

Note: To prevent an overflow do not run feeder pump from tank with return back into sump. The recommended and more secure setups are from tank to tank or sump to sump.

Out of Sump



Skimmer will require 24 - 48 hours to "break-in", during which time an excess of waste and bubbles might appear. Let skimmer run for a few hours before adjusting the water level. Startup water level should be ½" from skimmers neck. Once the skimmer has settled you can adjust the water level inside the skimmer to obtain a better consistency in foam production. If not able to adjust the water level in skimmer by means of the double union valve, then the water intake has to be adjusted for that reason a ball valve at the water intake pipe is suggested.

Note: Dry skimming can be achieved by adjusting the water level in skimmer.



MAINTENANCE

Warning: Do not touch pump, cord or electrical plugs with wet hands. Disconnect pumps from electricity (power supply) before performing maintenance, moving or adjusting skimmer.

Every Week:

The skimmer collection cup should be cleaned in a regular basis. For better performance clean the collection cup more than once a week even if collection cup is not full. Empty collection cup and then use clean water and a brush to clean the cup.

Every Year:

An annual clean up is recommended. If a decrease in performance has occurred and the pumps have developed lime deposits perform a complete clean up.

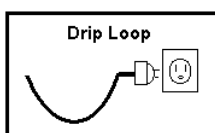
1. Unplug the pumps (hands must be dry)
2. Remove pumps from skimmer
3. Remove skimmer (when applicable) and pump from sump.
4. Rinse all parts with clean water use brush if necessary
5. Unscrew pumps cover and clean any residue on the needle wheel
6. Use white vinegar mixed with water to remove any lime residue
7. Clean air hose for any salt residue obstructions
8. Reassemble the skimmer
9. Follow safety procedures

SAFETY



WARNING: FOLLOW THE SAFETY PRECAUTIONS BELOW TO PREVENT PROPERTY DAMAGE, FIRE, PERSONAL INJURY AND LOSS OF LIFE.

1. Make sure tubing and all connections are secure
2. Connect pumps to ground fault circuit interrupter (GFCI).
3. Do not touch electrical plugs with wet hands to connect pumps to outlet.
4. Do not attempt to repair a damaged pump.
5. Do not operate the pumps if cords or plugs have been damaged in any way.
6. Do not clean skimmer with any chemicals that contain alcohol or ammonia.
7. Create a drip loop for each pump power cord to prevent water from running the length of the power cord and reaching the power outlet.



Aqua Euro USA™ One-Year Limited Warranty

Inspect skimmer when it is received. If skimmer is received damaged, notify the carrier, note damage on freight bill. Otherwise no claim can be made against the carrier.

Aqua Euro USA™ guarantees this product, to the original purchaser, against defects in components, materials and workmanship (that occur under normal use) for a period of ONE (1) YEAR from the date of retail purchase. The warranty is not transferable and is confined to the original retail purchaser only. The warranty does not extend to damages caused by power surges, improper installation or any form of abuse. The warranty does not apply if (1) damages result from misuse, accident, lack of reasonable care or abuse, (2) the product is not purchased from Aqua Euro USA™ or an authorized dealer, (3) damage due to modification or alteration that is made to the product (4) wrong circuitry or unspecified electrical input to the pumps, (5) the site (location where the product is kept) conditions do not conform to the recommended operating conditions for the skimmer, (6) the original brand name is removed, obliterated or altered from the product.

Contact the company at www.aquaeurousa.com

Purchaser pays any postage, shipping and insurance fees to return skimmer

In the event of product failure within the warranty period, please contact the store where the product was purchased for further instructions for repair or replacement. Repair or replacement will be carried out through Aqua Euro USA™ or its authorized dealers. A return authorization number and a copy of original purchase receipt are required for return of the defective product. After any repairs/replacement of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of warranty. Moreover, the time taken for repair/replacement and in transit whether under the warranty or otherwise shall not be excluded from the warranty period.

Limitation of Implied Warranties and Exclusion of Certain Damages.

Limit of Liability: For any single claim, the limit of liability under this contract is the least of the cost of (1) authorized repairs, (2) replacement with a product of equal or greater value, (3) reimbursement for authorized repairs or replacement, or (4) the price that you paid for the product. (No cash refunds will be made). The total liability under this contract is the purchase price you paid for the product; in the event we replace the product or reimburse you for replacement of the product with another product of equal or greater value, we shall have satisfied all obligations owed under this contract.