

# AquaEuroUSA™

## **In Sump Cone Protein Skimmer 400**



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

**NOTE:**

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



**PARTS CHECK LIST**

- ✓ 1 Silencer
- ✓ Collection Cup
- ✓ Pump with Air Hose
- ✓ Water Level Adjuster
- ✓ Collection cup lid

## INSTRUCTIONS

### SET UP & OPERATION

**Note:** Protein Skimmer is designed for in-ump use only.

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 (1<sup>st</sup> page).
4. Tread the pump top fitting into the bottom fitting on the skimmer until it is securely fasten.
5. For an easier setup join pump tread with skimmer before it's seated in the sump.
6. Slowly place skimmer in the sump.
7. Leave sufficient clearance to be able to remove the skimmer collection cup.
8. Position the pump in desired location.
9. The recommended sump water level is between 5" to 7".  
The sump water line may vary depending on sump size and water flow
10. Turn pump on. **Use with ground fault circuit interrupter (GFCI)**

Skimmer will require 24 - 48 hours to "break-in" in some cases longer depending on the bio-load, during which time an excess of waste and bubbles might appear. Adjust the water level by twisting the water level adjuster pipe clock wise (when the arrows are facing each other the pipeline is completely open). Let skimmer run for a few hours before re-adjusting the water level. Once the skimmer has settled you can then adjust the water level inside the skimmer to obtain a better consistency in foam production (be careful as adjuster pipe is very sensitive and can cause the unit to overflow rapidly). Keep skimmer in a calm area of the sump away from turbulence. During the first 14 days the skimmer must be monitor as the water level might need to be regulated as the unit "breaks-in". This unit can only be use in 110v/120v and 60Hz outlets.

**Note:** If the water pump does turn on when it is first set up you will need to readjust the pump impeller.

### To access the pump impeller:

1. remove front pump cover by twisting cover counterclockwise



2. Carefully pull cover out of pump



3. Carefully pull impeller out of slot then reposition into pump.



## MAINTENANCE

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

### Every Week:

The skimmer collection cup should be cleaned on 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 pump have developed lime deposits perform a complete clean up.

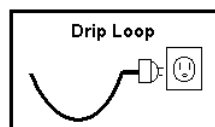
1. Unplug the pump (hands must be dry)
2. Remove pump from skimmer
3. Remove skimmer and pump from sump
4. Rinse all parts with clean water use brush if necessary. Do not use chemicals to that contain ammonia or alcohol to clean any part of the skimmer
5. Unscrew pump cover and clean any residue on needle wheel
6. Use white vinegar solution mixed with dechlorinated water to remove any lime residue. Let mixture run thru pump for 24hrs to remove stubborn lime residue
7. Clean air hose for any salt residue obstructions
8. Reassemble the skimmer

## 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 pump to ground fault circuit interrupter (GFCI).
3. Do not touch electrical plug with wet hands to connect pump to outlet.
4. Do not attempt to repair a damaged pump
5. Do not operate the pump if cord or plug has been damaged in any way.
6. Do not run skimmer with a timer that has a rapid on/off cycle.
7. Do not clean skimmer with any chemicals that contain alcohol or ammonia.
8. 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.aquaeuroussa.com](http://www.aquaeuroussa.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.