

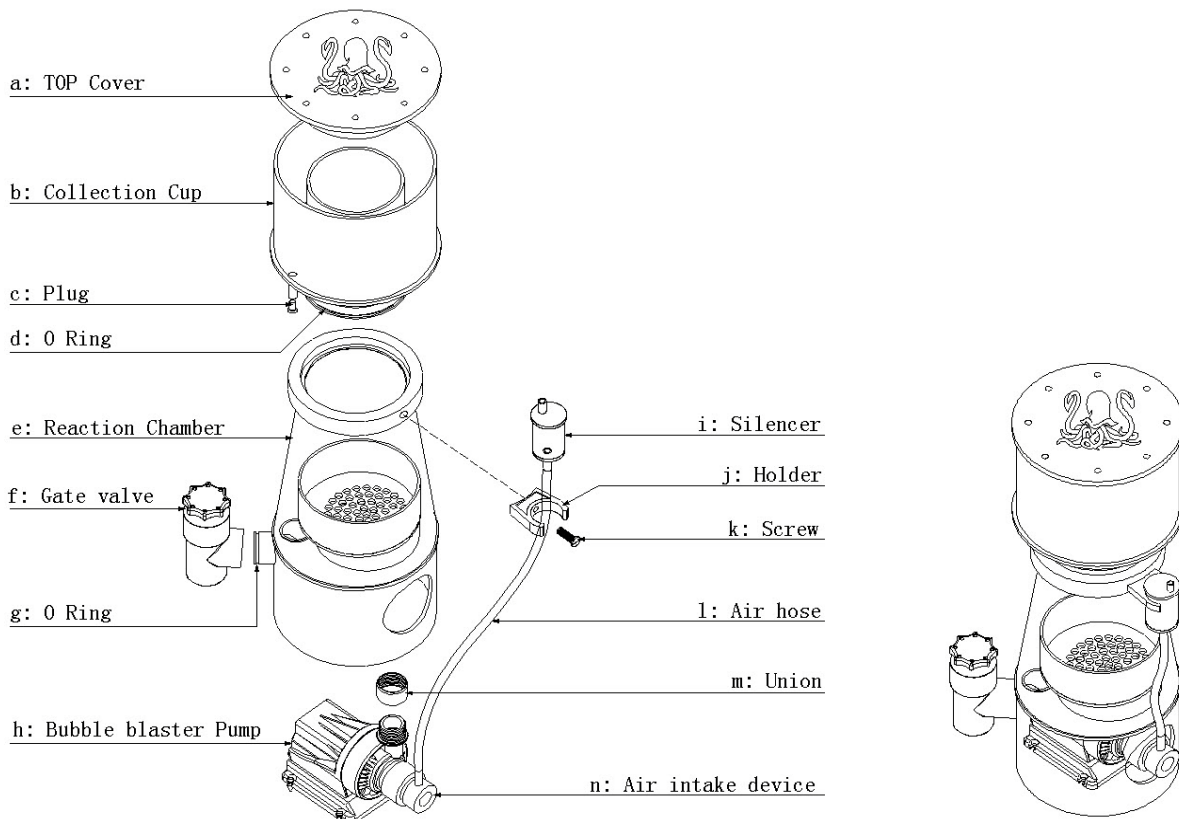
Thank you for purchasing "SUPER REEF OCTUPUS" protein skimmer. For optimum performance and safety, please read this instruction manual carefully and keep it handy for future reference.

## XP-1000SSS/XP-2000SSS Super Space Saving Cone In-sump skimmer

### Function of protein skimmer:

Protein skimmer are applied to most saltwater aquarium to remove certain organic compounds, including proteins and amino acids, by using the polarity of the protein itself, from the water to stop most of them decomposing into nitrogenous waste. Because of the intrinsic charge, water-borne proteins are attracted to the air-water interface. Protein skimmers works by injecting numerous tiny bubbles into the water chamber, which present an enormous air-water interface for the protein molecules to cling to. The more tiny bubbles reside in the chamber, the more proteins it absorbs.

Protein skimming is the only way of physical filtration that gets rid of the organic compounds before its decomposition, lightening the load on the biological filter and improving the water's redox potential.



### Parts check list

- a. Top cover
- b. Collection cup
- c. Plug
- d. O Ring
- e. Reaction Chamber

- f. gate valve
- g. O Ring
- h. BB Pump
- i. Silencer
- j. Holder

- k. Screw
- l. Air hose
- m. Union
- n. Air intake device

## Installation

1. Remove the skimmer body and all the assembly parts from the package by the check list.
2. Put the BB pump at the bottom chamber and fix the pump outlet to the reaction chamber, assemble the air intake device on the pump inlet.
3. Attach the gate valve to the skimmer water outlet, make sure the O ring is in place.
4. Connect the air hose from the air intake to the silencer.
5. Inset the collection cup with top cover onto the skimmer tower. Make sure the O-ring is in place. O ring lubricant can be applied to seals for longevity and for easy removal.
6. Put the skimmer in sump, power on. Turning the gate valve to adjust the water level for desired skimming. Please allow 3-4 weeks for the skimmer to break in before fine tuning.

**Note:** *Suggested sump water level are suggest for optimal performance. The water level should also remain consistent at all times.*

Super Reef 1000sss optimal water height in sump: 5.5”-5.75”

Super Reef 2000sss optimal water height in sump: 5.75“-6”

## Maintenance

**Collection Cup:** It should be taken away to clean up at least once a week, depend on the organic load. Cleaning will enhance the extraction substantially.

**Reaction Chamber:** Internal clean up every 6 months if needed.

**Pump:** Every 3 months or when needed.

## Safety Tips

1. Do not allow the skimmer pump to run dry.
2. Do not touch the plug with wet hands
3. Do not clean the skimmer with any chemicals that alcohol or ammonia, or it will make the animals in the tank in danger.

## Warranty

Reef Octopus skimmers have the 1 year warranty on craftsmanship, 3 year on the bubble blaster pump. We are responsible for the products as long as it's been installed and used properly. Consumable spare parts are not applicable to the warranty.

If your Reef Octopus product does not appear to be working correctly or seems to be defective, please contact the local dealer or you can contact us at [www.coralvue.com](http://www.coralvue.com)

***Before calling your dealer please ensure you have read the manual.***

We hereby reserve the rights to modify and adjust the specification or designs of our products without a prior notification. Thank you!