

Thank you for purchasing Reef octopus “**Classic Space Saving**” protein skimmer. For optimum performance and safety, please read this instruction manual carefully and keep it handy for future reference.

## Classic 152-S / Classic 202-S

### Space saving 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 infecting 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 get 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. Plastic Cap             |
| e. Silencer  | f. Holder                      | g. Screw           | h. Venturi                 |
| i. O Ring    | j. Gate Valve                  | k. Vent Pipe       | l. Pipe                    |
| m. Screw     | n. Screw                       | o. Bubble Plate    | p. Bubble Skimming Chamber |
| q. Adapter   | r. AQ1800S Pump / AQ3000S Pump | s. Base Of Skimmer |                            |

Installation:

1. Remove the skimmer body and all the assembly parts from the package by the check list.
2. Install the product as shown .
3. Put the skimmer in sump, power on. Turning the Adjusting Pipe to adjust the water level for skimming.
4. Suggested sump water level:
  - At 180-200mm(7-7.9”) for Classic 110-S
  - At 200-220mm(7.9-8.7”) for Classic 150-S
  - At 200-220mm(7.9-8.7”) for Classic 152-S
  - At 200-220mm(7.9-8.7”) for Classic 202-S

### 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 for once.

### 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, 2 years warranty on the Aquatrance pump motor and 1 year warranty on Aquatrance pump rotor.

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 Reef Octopus products in hand does not appear to be working correctly or be defective, pls contact the local dealer.

Before calling your dealer pls ensure you have read the manual.

Or you can contact us at [www.coralvue.com](http://www.coralvue.com)

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

## Explosion Chart for Classic 152-S and 202-S

