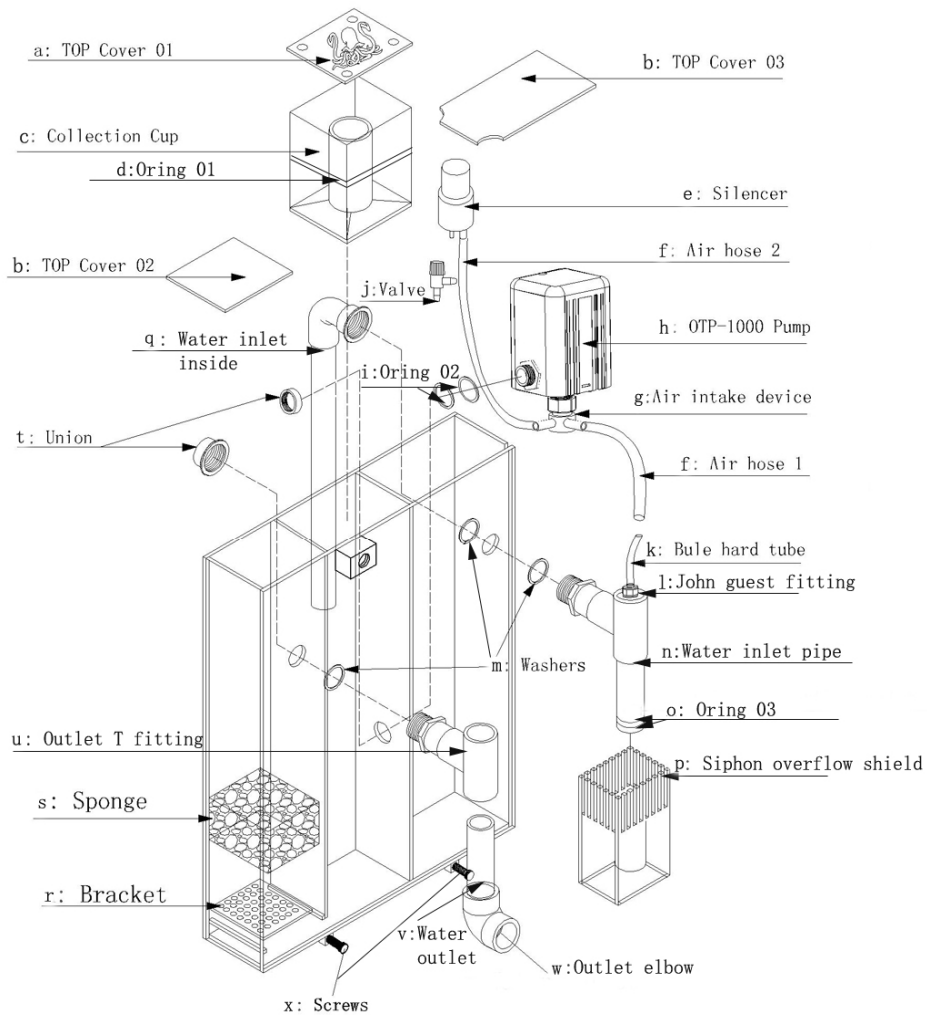




Reef Octopus

REEF OCTOPUS BH-100F

Protein skimmers are applied to most saltwater aquariums 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 work 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 01 | i. Oring 02 white | q. Water inlet inside |
| b. Top cover 02/03 | j. Air valve (optional) | r. Bracket |
| c. Collection cup | k. Blue hard tube | s. Sponge |
| d. Oring 01 (collection cup) | l. John guest fitting | t. Union (2) |
| e. Silencer | m. Washers (3white) | u. Outlet T fitting |
| f. Air hose 1/2 | n. Water inlet pipe | v. Water outlet |
| g. Air intake device | o. Oring 03 white | w. Outlet elbow |
| h. OTP-1000GT pump | p. Siphon overflow shield | x. Screws |

Installation

1. Remove the skimmer and all the parts from the package. Check to insure all parts are accounted for. There are 5 orings included and already installed: 01 is a white collection cup oring, 02 are 2 black pump outlet orings, and 03 are 2 white adjusting pipe orings. There are 3 washers included and installed on both the inlet and outlet.
2. Inset the collection cup and all top covers onto the skimmer chamber. Make sure the white collection cup O-ring (d) is in place to hold the cup. Set the collection cup about halfway and tighten the small black screw. Make sure the collection cup covers the overflow hole. If not covered you will have excessive bubbles return back into the tank.
3. The pump is already installed inside the skimmer with the air intake device attached. Install the blue hard tube (k) to the John guest fitting (l). Install one air hose (f) to the blue hard tube. Insert the air valve (j) onto the other air hose. Fill the skimmer with enough water to cover the pump by 2-3 inches. Make sure the water in the aquarium is above the overflow shield (p).
4. To start the siphon please do the following. Close the valve and plug the pump in. When the water level in the skimmer starts to rise, then open the valve. This should complete the priming process and your skimmer should now be producing micro bubbles. So you can now remove the air valve and install the silencer (e) to top of hose. If you do not have the air valve, then you can simply bend the tube and hold it to cut off air flow into the pump. It may be necessary to perform the siphon start up a few times during this break in period. This is a normal function of the skimmer and does not mean you have a defective unit.
5. The third chamber can be used for mechanical filtration. If you are using it then it is recommended to remove the black sponge (s). Always use a filter bag when using mechanical filtration media.
6. Please allow 3-4 weeks for break in. The blue sponge is optional for the water outlet. It can be cut to fit onto the water outlet elbow in case there is an excessive amount of micro bubbles during break in. These bubbles will subside and eventually go away.

Maintenance

Collection Cup: It should be cleaned at least once a week, depending on the organic load. Cleaning will enhance the extraction substantially.

Reaction Chamber: Take apart skimmer and clean every 6 months recommended.

Pump: Take apart pump and clean every 4 months recommended. Use a vinegar/water solution for cleaning off excess build up. The parts included with the pump are the venturi, volute cover, pinwheel impeller, and shaft with 2 rubber grommets.

Safety Tips

1. Do not allow the skimmer pump to run dry as it will melt the pump.
2. Do not touch the plug with wet hands.
3. Do not clean the skimmer with any chemicals that include alcohol or ammonia.
4. Skimmer is for saltwater use only. It cannot be used for freshwater.

Warranty

Reef Octopus skimmers have a 1 year warranty on craftsmanship and OTP water pumps.

We will take responsibility 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 be defective, please contact your local dealer.

Or you can contact us at 985-781-9078 or support@coralvue.com