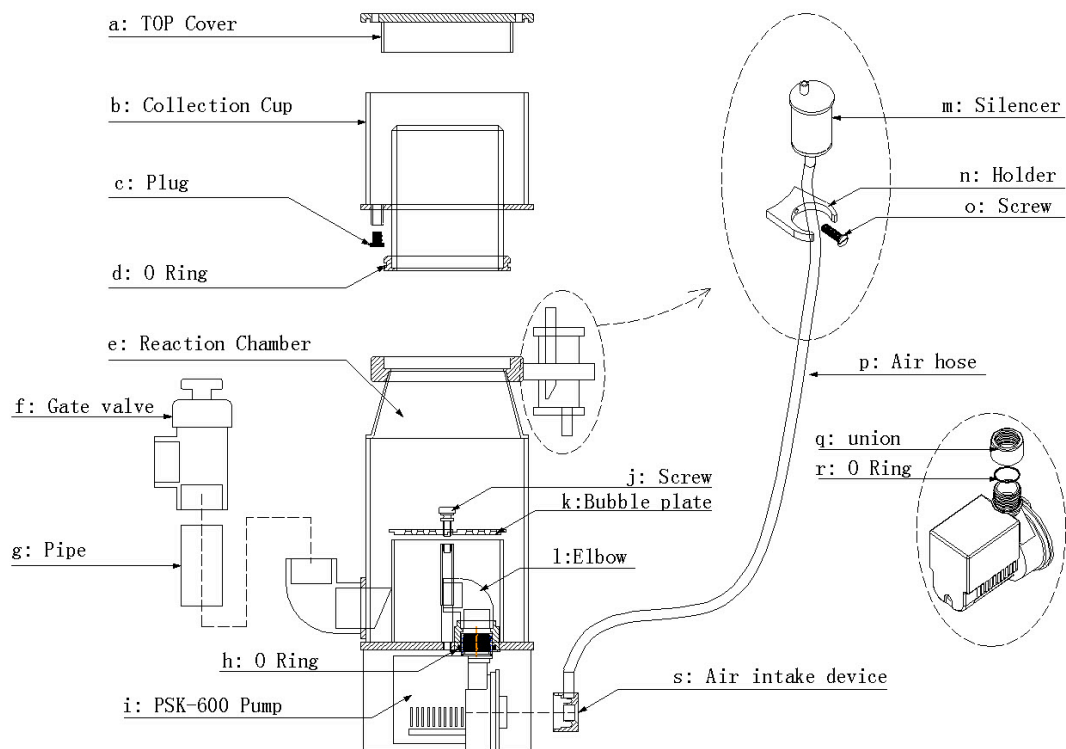


Diablo-160XS In sump skimmer

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 | k. Bubble plate |
| b. Collection cup | l. Elbow |
| c. Plug | m. Silencer |
| d. O Ring | n. Holder |
| e. Reaction Chamber | o. Screw |
| f. Gate valve | p. Air hose |
| g. Pipe | q. Union |
| h. O Ring | r. O Ring |
| i. PSK-600 pump | s. Air intake device |
| j. Screw | |

INSTALLATION

1. Remove the skimmer body and all the assembly parts from the package by the check list.
2. Screw the union with the air intake devices to the pumps and fix the pumps to the chamber according to the illustration.
3. Setting up the water outlet pipe system, make sure the “g” pipe & “f” Gate valve are in place by the illustration.
4. Connect the air hoses from the air intakes to the silencer.
5. Install the collection cup and top cover onto the skimmer tower. Make sure the O-ring is in place. Find a soft tubing to connect to draft off. Or use the plug.
6. Put the skimmer in sump, power on. Turning the water level adjuster pole to adjust the water level for skimming.

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.

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 include alcohol or ammonia.

Warranty

Reef Octopus skimmers have a 1 year warranty on craftsmanship, 1 year on the water pump. 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 CV Industries at 985-781-9078 or support@coralvue.com

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