

Reef Octopus Pro



Instruction Manual

Important, read carefully before installing your new skimmer.

- * If possible, rinse your new skimmer with diluted vinegar before linking it to your existing system to remove possible oils and contaminants left from manufacturing.
- * Have enough new salt water on hand to fill in your new skimmer prior to connecting it to your system.
- * The first 2 weeks of using your new skimmer are considered a “break-in” period. During this time you will need to observe and adjust your skimmer. You need to give time to the existing good bacteria in your system to coat the surfaces of your new skimmer.
- * Acrylic can be fragile! Please handle your skimmer with care. NEVER pick it up by the pipes.
- * Do not force plumbing onto the skimmer, you risk putting stress on the main acrylic chamber and cracking it.
- * Do NOT overtighten the collection cup. This will cause stress to the neck assembly and main chamber. The twist neck is there only to prevent the collection cup from accidentally falling off the skimmer and breaking. Turn to snug. Overtightening will also result in the O’ring being pressed too hard and leaking.
- *This version is to be used IN SUMP only.
- *For maximum performance, the level of water in the compartment used for your skimmer in your sump must be constant.
- *Should the O’Rings become stiff, we recommend using a dab of lubricant: petroleum jelly works just fine.

ASSEMBLY:

Note that none of the plumbing is glued together. This is to allow you to decide the orientation of the water exiting your skimmer. Do NOT extend the exit pipe of your skimmer (before the T). It is purposely short in order to fine tune the skimmer. Even if your exit pipe is under the water line in your sump, the skimmer will still perform properly.

Connect the air hose from the top of the pump volute to the bottom of the air silencer,

insure that the adjustment pipe is fully opened by aligning the dots on the pipe and the T.

Once the skimmer is in its final resting position in the sump, plug in the pump.

When first starting the skimmer, leave the water level inside the skimmer low in order to give your skimmer time to break in. Only make minute adjustment at a time leaving a few hours between each one to insure the skimmer will not overflow.

Each system is different, so each skimmer will need to be adjusted to suit the needs of the hobbyist and of the system.

Please take time to register your new skimmer. Registration is needed for warranty purposes.

In the United States: www.coralvue.com/register

In Canada: www.cncmarinesupply.com/register

Cleaning your skimmer:

The main body of the skimmer should not need to be cleaned outside of the system often. If you remove the skimmer from the system you will be destroying the bacterias and thus your skimmer will go through a “break-in” period as if the skimmer was brand new.

If the main chamber should become covered in coralline algae, we suggest you take an acrylic safe material to gently clean the inner tube. In extreme cases you can give your skimmer a diluted vinegar soak.

The collection cup can and should be cleaned regularly. Simply shut down the pump and remove the collection cup from the main body. Using an acrylic safe material, wipe down the riser tube and empty the cup. You can rinse the riser tube; we recommend using salt water from your system in order to maintain the bacterias already established on that surface.

When you return the collection cup to the main chamber, make sure that the gasket is secured in place at the bottom of the riser neck.

Do NOT overthighten.

Your pump also need cleaning. We suggest a diluted vinegar soak every 6 months. Simply remove the 4 screws from the front of the pump to disassemble the pump. Insure you are carefull removing the shaft from the pump as this part is very fragile.

FAQ

How do I set the skimmer for wet skimming?

For wet skimming turn the adjustment pipe to bring the level of the bubbles higher in the riser tube .

How do I set the skimmer for dry skimming?

For dry skimming turn the adjustment pipe to bring the level of the bubbles lower in the riser tube.

Should I restrict the air being pulled into the skimmer?

You should never try to restrict the amount of air into the skimmer. Adjust the level of the bubbles simply by restricting or opening the water exiting the skimmer by turning the adjustment pipe.

After running a few days my skimmer produces less waste and I need to adjust the pipe to bring the level of the bubbles up, why?

If after a few days the skimmer produces less waste it is probably because the riser tube is covered in by-products. If the skimmer produces less waste simply use an acrylic safe cloth to gently wipe the inside of the riser tube. The riser neck of a skimmer set to collect dry foam will become dirtier faster than the neck of a skimmer set to collect wet foam.

My skimmer was running fine but I find that there are less bubbles inside the main reaction chamber, what happened?

Insure that there is nothing obstructing the air hose and that the needle wheel is free of dirt.

I was just looking at my skimmer and all of the sudden the level of bubbles inside the reaction chamber dropped/raised dramatically, what happened?

Did you just feed the main tank? Cleaned the glass? Put your hand/arm in the tank to fix something? Add some chemicals to the tank (carbon, supplements etc)? These are all situations when a skimmer can stop producing bubbles for a short period of time. Oils present in foods and on your skin can and will affect the water in your system so directly affect the skimmer. It is best to not tune your skimmer at that moment. In a short time the skimmer will resume skimming the way it was. In the case of the level of bubbles rising, as seen with some kinds of foods/additives, simply disconnect the pump temporarily. With time and experimentation, you will learn what makes your skimmer go into “super bubble mode” and you can disconnect the pump accordingly.

The pump is plugged in but there is no bubbles, what should I do?

It is possible something is blocking the air supply or the needle wheel, you can try disassembling/reassembling the pump or just manually blow air into the air tube for a fast restart.

Instructions on replacing the PinWheel.

Replacing the PinWheel with a MeshWheel (kit sold separately)

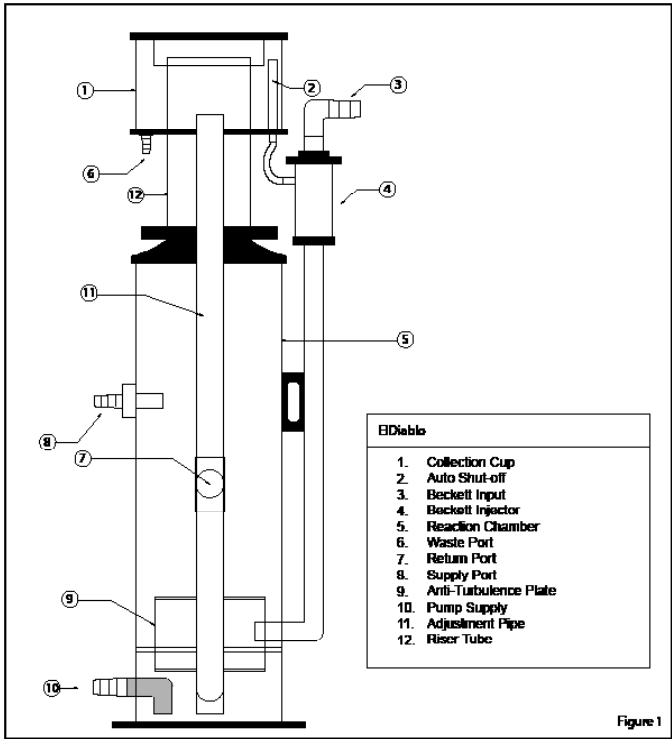


Figure 1

	EIDiablo 38	EIDiablo 50	EIDiablo 64
Height	38"	50"	64"
Chamber Dia.	8"	8"	8"
Footprint	12"	12"	12"
Suggested Pump	Pcx-40/70	Pcx-70/100	Pcx-100
Flow Through	300 gph	400 gph	500 gph
Rating	180g	300g	450g