

## Coralife super skimmer needle wheel protein skimmer manual

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## Book Descriptions:

# Coralife super skimmer needle wheel protein skimmer manual



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Large neck for efficient foam production and control  
The Coralife Super Skimmer is a highperformance foam fractionator designed with a patented needlewheel impeller and aspirating venturi. An improved energy saving pump increases the performance of the skimmer without increasing power demand. The result is a clean and healthy aquarium environment.  
Product Packaging Standard Packaging  
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Leaks from the plastic welded elbow connected the input to the main chamber. Jake Videos for related products 410 Click to play video  
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Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please try again later. eric 4.0 out of 5 stars People with units that arrived with clearly faulty parts are exempt, but if this skimmer arrived intact and someone still couldnt get it to work effectively.No instructions were necessary. Turned it on. Water went everywhere. I determined MY not the skimmer or instructions mistakes, found the plug for the trash can rolling around in the box, adjusted the pump and aeration, plugged the hole, and turned it on again. Once it was working to my satisfaction, I emptied the trash can since it was basically wet skimming from before I turned down the pump, and left it to do its duty. Need I remind you Ive never touched one of these things before. Then I watched an episode of family guy and ate a sandwich while researching fish tanks on my tablet. Im not experienced and learned I was supposed to wash my live sand before adding it or I might have problems with water clouding. It was crystal clear. Wow! Then I consulted the skimmer for an explanation. To me, this is enough said. 20 minutes and a tablespoon of gunk got taken out of my tank and the water was clear.Im not trying to be mean Im just saying it was that damn simple. The thing has been working great and there hasnt been any microbubbles whatsoever and Ill tell you how I did it. I took some extra thick aquarium tubing and in all the gaps where the water flows through the filter back into the tank I took the extra tubing and used it to flush up the places where it didnt fit perfectly to make the basket perfectly level.This thing has been working perfectly at my house and I keep green spotted puffers and snowflake eels. No leaks, no mess, no fighting with it. I have mine set up in the hang on back configuration. No micro bubbles in the aquarium when properly installed.

If you already owned a protein skimmer before you would probably know how to, but I never had a protein skimmer so it was difficult for me. At first, it was rattling so I had to youtube again to see what I was doing wrong. I guess I had the bottom part where it sucks in water too low in the tank so when I adjusted the tube to a shorter one, it stopped rattling. I have this for my 55 gallon reef tank. It took about a week before I started seeing all this dirty stuff in the cup. However, after having this for a year, there has been issues that would arise from one thing to another. The power is starting to give out and its becoming weaker. I constantly have to unplug it and change the water intake for it to function correctly.When I setup mine two days ago I only figured it out by the picture on the front of the manual but did not realize how critical it is to have the venturi device fully seated into the pump inlet. After a day of no bubbles and the troubleshooting section of the manual not leading me to the problem I removed the skimmer to see if I could figure out why the pump was not injecting air with water into the main chamber. I discovered that I had not fully seated the venturi device into the pump inlet and further I had knocked it further open when installing the skimmer in the tight space between my tank stand and sump. Because of this the pump was able to pull in water between the

venturi and pump inlet therefore eliminating the required vacuum to pull in air through the venturi. I corrected the problem and reinstalled the skimmer and presto it works like a champ. I think your skimmer is great piece of equipment for the money however 24hours ago I thought I made a bad purchase. By the way I spent some looking for solutions to my problem on the web before I figured it out myself. Thanks and I hope this is put to use. Sorry, we failed to record your vote. Please try again Sorry, we failed to record your vote.

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Please try again One a 75gal and the other a 40 gal. Took a bit for it to break in but if your patient it will reward you with years of service. Sorry, we failed to record your vote. Please try again Worth it for me Sorry, we failed to record your vote. Please try again. Youll be able to track orders, check Pals Rewards status and more! Surprise them with a gift card for all their pet care needs. Surprise them with a gift card for all their pet care needs. Exclusions apply. Selection varies by store. Check your local store for availability. This mixture allows the needle wheel to divide the fine bubbles into a dense froth. This mixture allows the needle wheel to divide the fine bubbles into a dense froth which is injected into the reaction chamber. The deposited air bubbles and water mix together in a spiraling vortex inside the reaction chamber to increase both contact time and efficiency. As the bubbles rise, their surface areas attract and collect fine proteins and organic compounds before they break down in the water and are then deposited into the collection cup. The efficient removal of highly concentrated waste products results in a better environment for the aquarium. Easytwist removable collection cup with drain line for easy cleaning. Equipped with versatile water level adjustment dial to easily stabilize water flow within the reaction chamber. Protein skimmer has a 500 gph flow rate. The Petco name is used for the brand name. In California PetCoach, LLC does business as PetCoach Insurance Solutions Agency CA License No. 0M10414. Insurance plans are marketed and offered by PetCoach, LLC. Waiting periods, annual deductible, coinsurance, benefit limits and exclusions may apply. Click here for all terms and conditions. Products, schedules, discounts and rates may vary and are subject to change. More information available at checkout. Items shipping directly from third parties may take longer to arrive. Discount will be reflected in the Cart.

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<http://connect-log.com/images/8086-kit-manual.pdf>



The way you wrote your email I understand that you are probably having water come out the air vent on top of the output tubing. If this is the case it sounds as if the bubble trap is not set up properly. Make sure your black sponge is on top and the white sponge is on the bottom. What was happening is the skimmer had back pressure on the outlet hose. Since protein skimmers are not pressurized system the only way for water to get out is through the collection cup. That is probably why you were having problems. The other item we include with the model 65 Super Skimmer is a flow control valve. If the outlet is set up properly and you are still having problems attach the flow valve to the outlet of the water pump and valve it back a little. Is your output tubing under water. If so that could be some of the problem. The only way for water to go into the collection cup is because the output has back pressure on it and its not able to get rid of the water going in the unit. The only other problem I can think of is if you do not have the tubing going out and down right away this will also cause back pressure. The output tubing can not run horizontally. Otherwise if none of this is the problem then you can either return it to the company you bought it from or return it to us for a replacement. Everything deeper than 2 inch is too deep. I bet that the water level in you tank is very high Only about 12 inch below where the skimmer is mounted. Keep in mind that the minimum water level inside the skimmer is at least at same height as in your tank no matter how open the valve is. If your skimmer is still overflowing when you set up the pump, try to reduce the pump by placing a small pvc fitting inside the tube of the pump. I guess that you have a RIO 1500 or so running on that skimmer This pump is too strong when you have very high water level in your tank even if you open the valve completely it is not enough to drain the skimmer.

Most folks with barebottom tanks generally wet skim. The skimmate is lighter in color, not as smelly but you get a lot of it. Dry skimming will produce dark, foul smelling skimmate. But less of it. Try not to have that output tube go below the water line. If you do that, it will make the skimmer level pulse or cavitate a bit. I did replace that white filter with some of that blue cut to size filter pad that you can get at Petsmart. And to get rid of the odor the pets might be reeking of, you can literally choose from hundreds of furnace filter sizes to make the space more immaculate. The white filter clogs up easily and causes to make the water level in the bubble diffuser to overflow. I also drilled out that little hole on the output tube a little bigger. As of last week, I put some carbon in the diffuser box to see if this was going to be a problem. It has been working great so far. So, the bubble diffuser box is a good place to put carbon in. This is were I get the darkest, nastiest skim I can get out of the CSS. I have my pump about 2 inches from the water line. SO, i thought about it and did some minor mods to the CSS. The result did reduce the splashing noise and microbubbles, BUT NOT 100%. Its pretty significant though. I didn't get any exact measurements since theres different setups among us. Ive only got this setup for 1 hour so I am not sure how performance will affect it. Cleaned it out and the

skimmer started working wonderfully again. The manufacturing oils left on the plastic are detrimental to the operation of the skimmer and need to be dissolved before it will start operating properly. Under normal operation this can take 2448 hours. You can reduce this time by running it through the dishwasher not the pump!! to remove the oils. This is far too deep to get proper bubble production. This will cause more air to be drawn into the venturi and increase bubble production. Cut the flexible output tube so that it is NOT submerged in the water.

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The stock tube is too long and it reaches it all the way to the bottom of the diffuser box, causing massive backpressure and tons of bubbles to flow into the tank. Cut it so the end extends just into the bubble diffuser sponge which should be slightly above the waterline anyway. This will prevent bubbles from flowing over the top of the sponge and into the tank. Got backpressure problems or water literally shooting out of the output vent hole. Drill out the hole so that more air can escape from the tube. You can also slice the nub off entirely and drill out the hole that way. Be PATIENT! This is a great skimmer for the cost, but it does require some attention to get it working properly. Make small adjustments to the red knob and wait and see how your adjustments affect skimmate production. About 2 to 3 " should do it. Somebody correct me if Im wrong, but try to maximize flow in the main tank. I think increasing flow helps push up all that gunk up into the overflow and sucked up by the skimmer. Have your skimmer pump as close as you can to the overflow output. Okay, next tip is not a sump use tip. If used as a HOT, try to maintain the water level in the main tank constant. During the summer days, evaporation rate is gonna be pretty high. An auto top off can cure that. Also having a sump leaves the water level in the main tank constant just make sure you check the water level in the sump daily Give it a while to settle down could be 2 weeks. Have the skimmer pump about 23 inches below water. I have mine right next to the overflow intake and it is skimming some really dark nasty stuff. I had mine unlevelled and it leaked at the adjustment knob and didnt skim. I then made sure it was level hanging off the back of the sump. If you have it in sump maybe try to have it hang off the back. It could take up to 48 hours depending how well you rinsed it. Once you see some skimmate, raise the level a bit.

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Keep doing this daily till you are satisfied with the skimmate it is producing. The protein or scum that a protein skimmer skims is actually lighter than water so it floats to the top. Having the pump 2 to 3 inches below the water line helps suck in that gunk since its higher up. This is especially important on skimmers that are used as a HOT. I had this skimmer quite a few years ago. You will be able to find what you are looking for if you do a search on for the corallife super skimmer. The water level in the skimmer body is as low as it can go and it is still overflowing. I've had it running for a couple days now and i've been making the clear perfectly clean water it has been producing run back into the tank with the drain tube. There are only 20 pounds of pretty well cured rock in the 46 gallon tank that i set up a week ago i don't really think that there are too many impurities in the water my ammonia is 0 so i don't think it has started to cycle yet. To make matters worse, the skimmer came to me without the adjustment valve that hooks up to the pump that is supposed to be used to the break in period. I am wondering if I really do need this as it seems there is just too much water flow running through the skimmer. I have already done what I can from this site but any more help would be great as nothing is seeming to help my problem right now Keep the red water adjustment level set as low as possible for now and put you clear over flow tube in a 1 or 2 gallon pail to catch all of the skimmate. The skimmer will calm down in a day or two then you can adjust the red water level up higher. Eventually you will not need the pail to catch the skimmate and the skimmer will work as designed. Last week the skimmer started to overflow out of the vent hole, I had make several adjustments and it has since overflowed twice. I thought I would post for others.



Now my knob will adjust the proper way.

I can minimize the flow enough to keep running even when I remove the cup for cleaning. It is a great skimmer, With the additional oxygen in the tank, it relieved my fishes stress so much that they were able to fight back against ich, my fish were completely covered. I have had it for several months and had the initial overflow problems, even with the red adjustment valve closed. Then, every time I shut things down for a water change, it would go back to massive overflowing. I checked everything, and the one thing I discovered, if I cover the "vent hole" from the drain elbow, it completely worked fine. Has anyone had this problem and if so, what would happen if I just put a rubber cap over the "vent hole". My setup is in sump with the output going into my collection chamber. Thanks in advance. I have tried everything mentioned, but nothing works. It's set on the lowest setting, lots of bubbles in the collection chamber, noisy, diffuser pretty much cut as much off as I could sends out tons of bubbles and overflowed, I also have the clear tube sent in box attached to the drain valve draining back into my tank as to keep the collection cup from overflowing. Yes, I do have the water level in my tank fairly high as I just topped it off when adding the skimmer. However, everything on the skimmer is as high to the top as I can get it. Any help or thoughts would be greatly appreciated as I'm having hand surgery next week and won't be able to get my hand wet for 2 weeks after that and want to have this fixed before my surgery. The water level in the skimmer body is as low as it can go and it is still overflowing. I would put a longer tube connecting the powerhead to the skimmer to extend it into the inlet compartment. This tube would be 30ish inches long. What is this going to do to the performance of the skimmer That little hole can become clogged with rock hard calcifications. I had to carefully drill it out and even widened it a little.

Also drilled out the two holes on the silencer a little bigger so they could suck more air. It works great now. Not to sure which Silencer your talking about or the two holes on it. I am at my wits end I ended up dumping out close to 5 gallons of water last night and still as soon as I turn it on it overflows. Please if anyone can help it would be greatly appreciated, before I throw this thing out of the window. I currently don't use a skimmer as I use a reverse osmosis system for my tank, and rarely have to do anything to maintain my tank. Love that convenience. I havr tried new white titers new bcd filters. Now i'm down to floss inbetween each flyer working the best so far, but not happy. And any ideas you may hav for me tammy. Learn how your comment data is processed. Other than meshwheel designs, needlewheel skimmers are a reliable, quiet, and efficient choice. I've worked with both meshwheel and needlewheel skimmers, and it's hard to recommend one over the other. They both work effectively over coflow systems, so choosing one is really dependent on your setup. It comes in a series of 3 different sizes depending on your tank size and the price is decent. At the lab, we have these in about 50% of all our reef habitats and containers. They're reliable and effective. We've only had a few failures over the course of many years compared to other brands, so they're definitely my recommendation if you're just getting into the reefkeeping hobby and need a protein skimmer. If you don't know the importance of a protein skimmer, please read my intro to protein skimmers page to learn about them. This is one of the most popular skimmers on the market today, and it's one that we have in all of our 50 gallon reef tanks in the lab. Instructions are included with the skimmer, should you have trouble setting it up. The Super Skimmer series are easily used under your tank, or can be mounted on the back of your sump using the mounting brackets.

If you ask any aquarium enthusiast, Coralife is a trusted brand, so you really can't go wrong. Check them out real quick before you read on. You can see that each skimmer comes with everything you need to get started. All the needles are centered around a central axis. This has been known to be more effective than other needle designs, and comparable to meshwheel designs. However, don't go overkill. Too much power will cause too many bubbles and not enough water, which defeats the purpose. If you have a 30, 40, or 50 gallon tank, the 65 is perfect. Anything lower will result in too many bubbles. The tubing is about 2" in diameter, so if you have a glass top or other secured areas,

make sure the tubing fits. The GPH of the motors range from 600-700GPH, so choose the model that works for your reef. It's fine to get the next step up, especially if you want to upgrade your reef setup later on. Don't do the opposite though. Make sure you get the proper model for you setup. Some skimmers have autocleaning tech, but they are extremely expensive. If you don't clean your skimmer, salt and other grime will build up in the tubing, which will effectively choke off the water supply to and from the tank. So be sure to do your regular maintenance. Coralife skimmers also have a habit of getting the wheel dirty often, so clean the wheel as well whenever you do your regular cleaning. They're also about 6" wide, so make sure you have enough space. The total height of the entire body is about 21". If you decide to use it as a hangonback skimmer, make sure you have at least a 40 gallon tank, or else the size is just too large. However, you can use it as a sub skimmer for tanks 10-30 gallons. If you want to hang it, make sure you have about 7" of space from the wall or other obstruction. See them in action here. They're all very quiet models and can barely be heard. The entire unit is self-contained, which means the pump is located within the unit itself.

Bubbles push the waste up to the collection cup up top. And you empty the cup when necessary. Here's a tip use a turkey baster. It makes it a lot easier than taking the cup off and bringing it to the sink. Just suck up the garbage and redo it as necessary. This isn't a substitute for regular cleaning, just a quickclean. They're superior products made with decent attention to detail. They do take a while to setup and get going, but it's not difficult. Follow the instructions provided and feel free to ask around for help, whether from here or from a reefing forum. If you're brand new to the hobby or you're looking to buy a protein skimmer, go with the Coralife for something that's reliable, quiet, and efficient. Some users have reported that their system doesn't work, but chances are, they didn't set it up properly, as setup is long but not exactly difficult. Please be sure to follow the manual. Get the proper size for your tank. Read up on the setup. And make sure you clean it regularly. Your fish will thank you. A protein skimmer is a vital component to any reef tank. I've been in the hobby for over 16 years, and I work in the lab of a worldwide supplier of corals. I made this site to help people understand the importance of protein skimmers, as it's one of the most important components, yet often neglected, of any reef system. I've worked with all the major brands and models of protein skimmers, and even made a few myself. I'm here to provide you knowledge, and will try my best to answer your questions. Features NEW IMPROVED PUMP AND CUP. The new version does not have a valve between the cup and the pump. Water level adjustment dial. Bubble production diffuser. High grade acrylic construction with custom components. Patented Needle Wheel System with aspirating venturi. Some skimmers can be placed either way. The decision on which skimmer to purchase depends on if you have a sump and if there is enough room for you to add a skimmer to it.

All letters will be shown in their capitalized form. All letters will be shown in their capitalized form. Easytwist collection cup. Patented Needle Wheel System with aspirating venturi. Dual Application System Hangon Tank Mount or Sump Hookup. Includes Needle Wheel Water Pump with Air Inlet Silencer. Some skimmers can be placed either way. The Coralife Super Needle Wheel protein skimmer performs better than cheaper protein skimmers as it features needle wheel technology and venturi technology. The venturi valve uses the high flow water pump to create high pressure water that makes air bubbles when water flows through. The needle wheel impeller then chops up these air bubbles as they are made, resulting in smaller, micro air bubbles. Micro bubbles allow your protein skimmer to trap as small as micro organic waste in your tank to ensure the cleanest aquarium water possible. The Coralife Super Needle Wheel protein skimmer comes with all necessary equipment for setting the protein skimmer up. The water pump that is included is 530 GPH and takes up 9 L x 4 W x 5 H inches, so be sure the water pump will fit in your aquarium or sump. Setting Up Your Coralife Super Needle Wheel Protein Skimmer You can choose to either hang your Coralife Super protein skimmer on the back of your aquarium, or hook it up within your sump. If you choose to hang the Coralife Super protein skimmer on the back of your aquarium, make sure there is 8 inches of space between your aquarium and the wall. Note also for hang on back use that

the mounting bracket for the protein skimmer will need two 1.125 inch holes in your aquarium canopy to fit into. If you choose to hook up your Coralife Super protein skimmer in your sump make sure that the protein skimmer will fit with at least one inch of space between your aquarium stand wall and the protein skimmer. Also make sure there is adequate room for the water pump and protein skimmer in your sump, approximately 12 L x 10 W inches.

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