



# Pro Skim 80

In Sump Protein Skimmer



Simple to set up  
and operate

Extremely  
efficient

Quality  
construction



Installation Instructions

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## STEP 1

Unpack the box carefully laying out all the pieces and parts.



## STEP 2

Remove the base from the skimmer cone, loosen the white screws and turn the skimmer cone counterclockwise and lift the cone away from the base.



## STEP 3

Slide the pump onto the pump base, orientate the cord through the small notch on the acrylic base.



## STEP 4

Open the lid to the bubble diffuser by removing the white plastic screw from the perforated lid.



## STEP 5

Place the bubble diffuser onto the pump outlet, use the grey plastic nut to position the base of the bubble diffuser,



Do not over tighten only hand tightened, position the diffuser so that it is centered on the base.

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## STEP 6

Place the perforated bubble diffuser lid into position, the non-perforated portion of the lid should be directly over the pump output, tighten the white screw hand tight.



Do not over tighten!



## STEP 7

Reposition the skimmer cone over the white screws, turn the skimmer into position by rotating clockwise, hand tighten the white screws keeping the skimmer in position.



Make sure that the cord coming from the pump is not crimped, it should fit easily into position through the notch in the skimmer base.

## STEP 8

Position the bracket for the flow adjustment onto the skimmer housing.



## STEP 9

Position the flow adjustment pipe into position, lubricate the red o ring with water or silicone lubricant,



We recommend the use of silicone lubricant, if none is available a small drop of olive oil will do the trick.



## STEP 10

Position the air silencer into position.



## STEP 11

Push the venturi into position, this is a friction fit part.



Do not force this into position if it is difficult to position simply loosen the white screws on the base of the protein Skimmer.

## STEP 12

Attach the thinner white hose from the Venturi air inlet to the air silencer.



## STEP 13

Position the skimmer cup, rotate the skimmer cup clockwise to lock in position.



Do not over tighten, a snug fit will work perfectly and make the skimmer cup easy to remove for cleaning.



## STEP 14

Attach the controller to the pump, make sure to line up the small notch using the securing not to create a waterproof connection.



## STEP 15

Attach the power supply to the controller.



## STEP 16

Use the Velcro provided to attach the controller to a clean clear surface that will not be splashed by saltwater.



## STEP 17

You have also received a skimmer cup valve and hose with your protein Skimmer. If you would like to use this to remove waste from your skimmer cup, simply attach it to the skimmer cup removing the small plug that came preinstalled.



To adjust the flow/ operating level on your Protein Skimmer simply turn the adjustment knob on the top of the flow adjustment pipe. You are also able to control the level with the pump controller by pushing the arrows up or down.





## MAINTENANCE

We recommend cleaning, or the scaling the pump on a monthly basis. You can do this by removing the pump and soaking in a mild acid like white vinegar overnight. Or run the protein Skimmer in white vinegar, make sure to remove the air inlet hose during cleaning.

If you see a decrease in bubble production this is normally caused by a blockage in the Venturi, this can simply be removed by soaking in a mild acid like vinegar or removing the blockage with a toothpick or cotton swab.

Your pump contains an internal sensor that will automatically shut off the pump if it is blocked or not receiving enough water. Make sure to always leave enough space between the Venturi inlet and the side of your protein Skimmer. When the pump receives enough water, it will automatically restart.