



TITAN Protein Skimmer Assembly Instructions

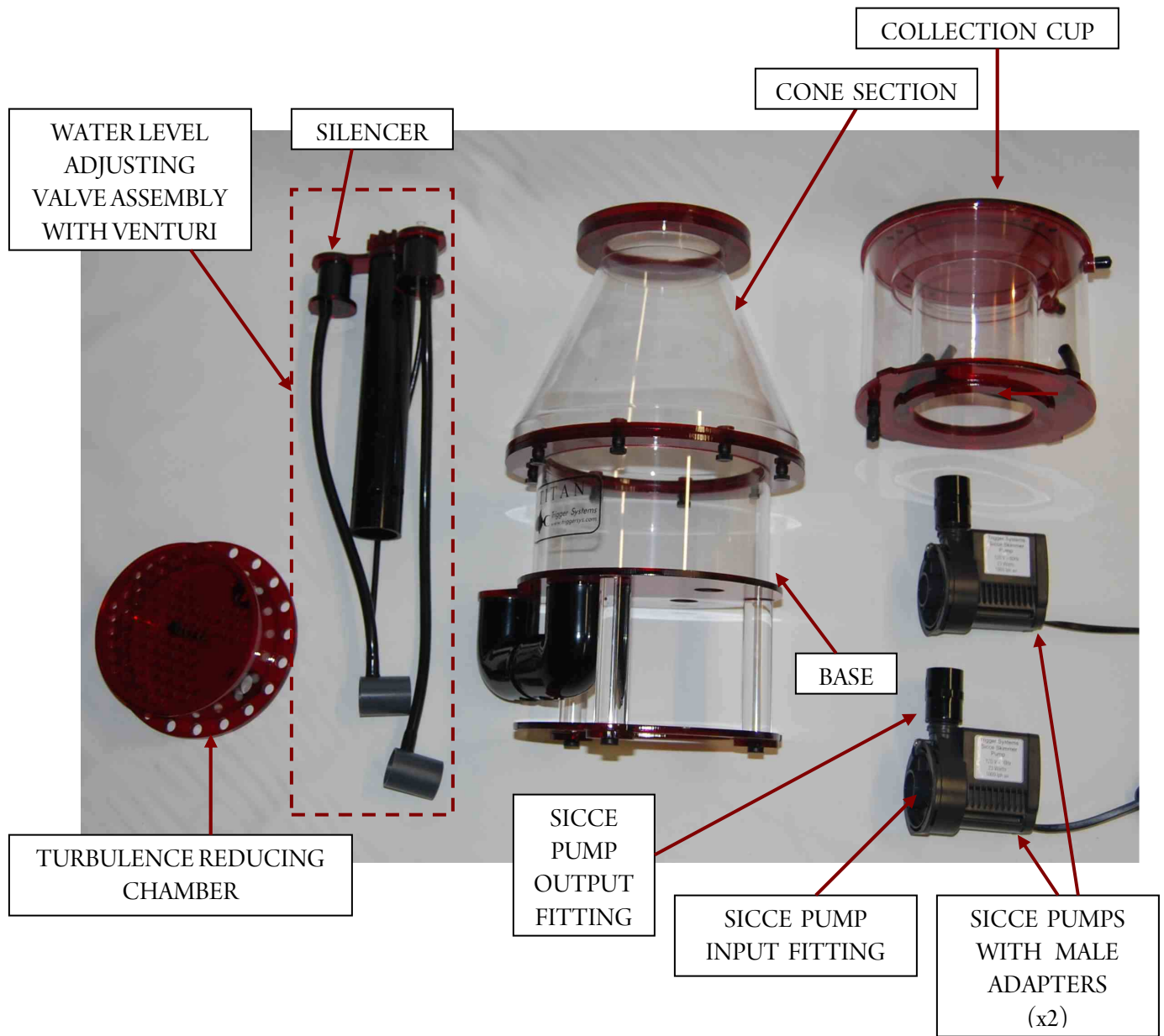
Version 1.0



This document shows how to unpack and assemble the Titan protein skimmer from Trigger Systems.

PARTS

Unpack all parts and set them out. Compare them to the following to ensure no parts are missing.



ASSEMBLY

STEP 1: Remove the Cone Section

Remove the Cone Section from the Base by removing the 8 thumb screws.

STEP2: Attach the Water Level Adjusting Valve

The Water Level Adjusting Valve can be installed by sliding it into the output fitting. Orient the Water Level Adjusting as shown below. The right air hose fitting should be placed between the Water Level Adjusting Valve and the Base ensuring it is not pinched:



Hold the output fitting with one hand and then push down on the Water Level Adjusting Valve to install it.



STEP3: Position the Venturi

Push the Venturi fitting that does not have the smaller ozone air hose attached to it behind the acrylic rod as shown below.



STEP 4: Install the Sicce Pumps into the Base

This is done by first removing male adapters off of the output fittings of the Sicce Pumps. Slide the Sicce Pumps into position by first passing the electrical chords through the base as shown below:



Then slide the output fittings of the Sicce Pumps up through the holes in the bottom of the Base. The Sicce Pumps should be turned so that the input sides of the Sicce pumps are facing the Venturi fittings.

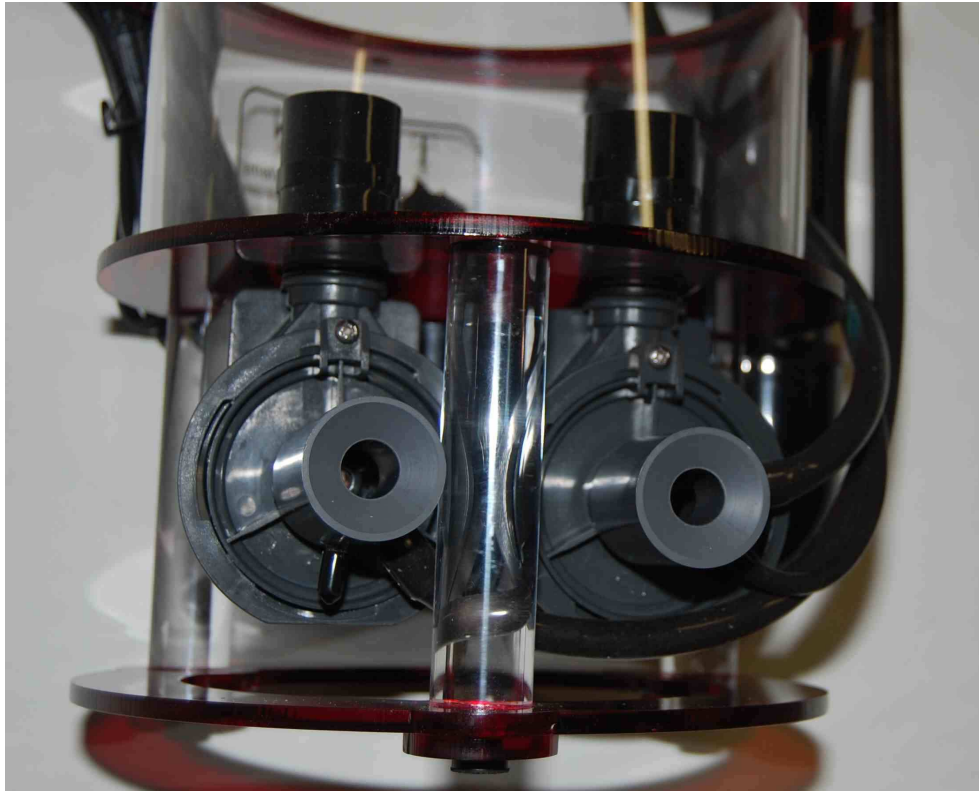


Once you have slid the Sicce Pumps output fittings in through the holes in the Base you can secure it by screwing on the male adapters from the inside of the Base.



STEP5: Snap on the Venturi Fittings

The Venturi Fittings can now be snapped onto the input side of the Sicce Pumps as shown below:

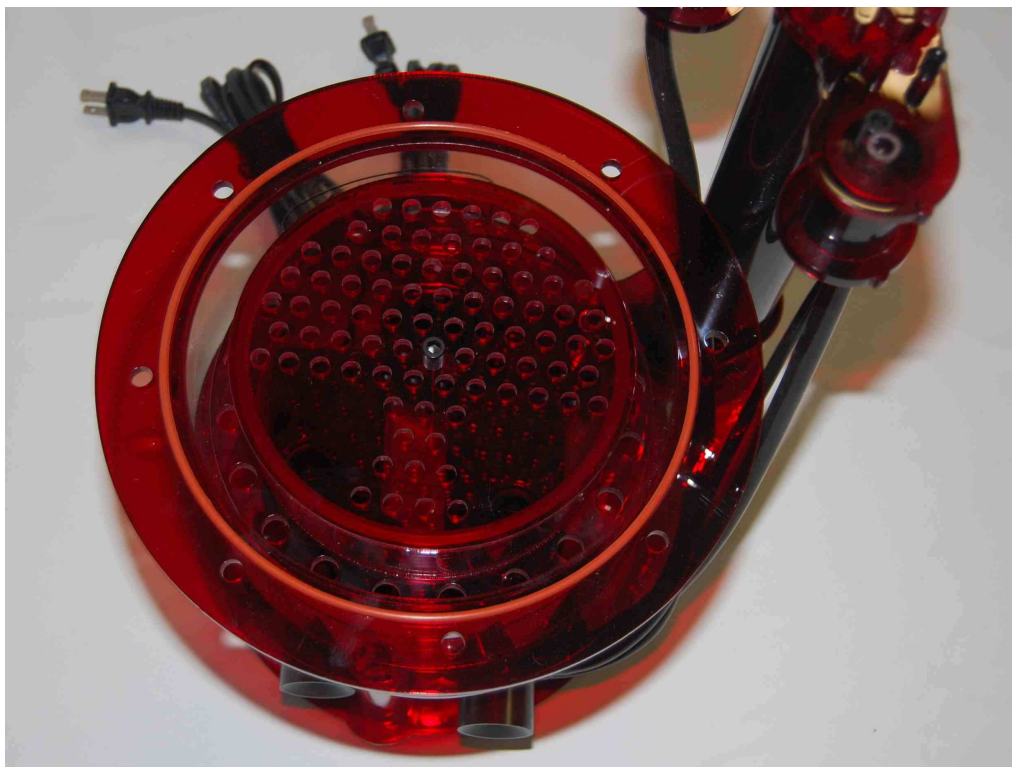


STEP6: Install the Turbulence Reducing Chamber

The cover of the Turbulence Reducing Chamber should be oriented so that the sections without any holes are directly above the fittings in the bottom.



Now slide the Turbulence Reducing Chamber onto the male adapter fittings and push down to secure it into place.



STEP6: Attach Collection Cup

Attach the Collection Cup to the Cone Section using the twist lock mechanism.



STEP7: Reattach the Cone Section

Skip step (a) if you do not plan to use the Recirculating Waste Air Connection feature.

(a) Position the Cone Section with the Collection Cup attached so that the Recirculating Waste Air Connections on the Collection Cup are located directly above the Silencers on the Water Level Adjusting Valve.



(b) Ensure the o-ring is seated in the slot and then attach the Cone Section to the Base using the 8 thumb screws.