

**PRODUCT DESCRIPTION, FUNCTION, USE AND ADVANTAGES**

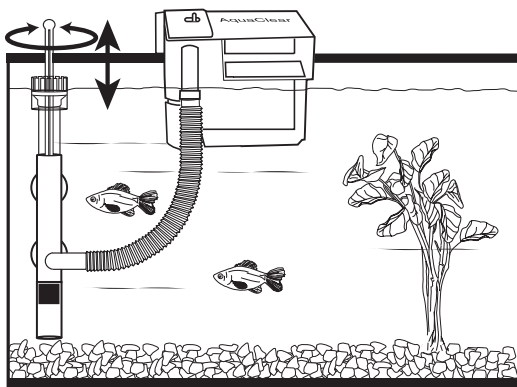
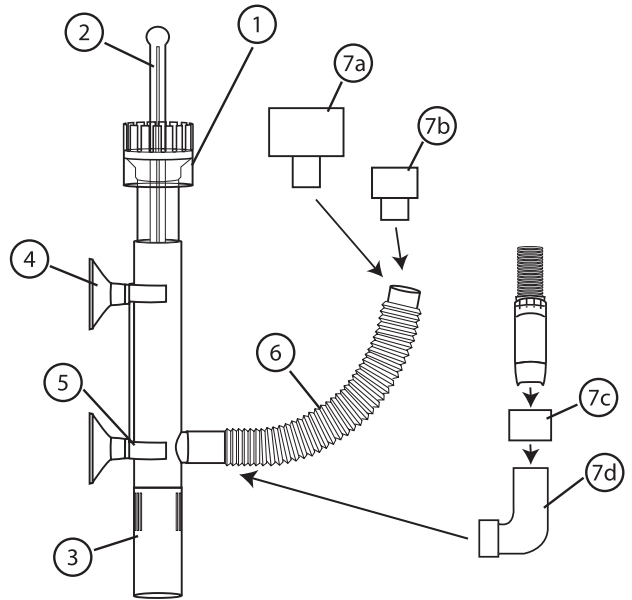
**PRODUCT(S): FLUVAL (A-240) & AQUACLEAR (A-1006) SURFACE SKIMMER**

**Description:**

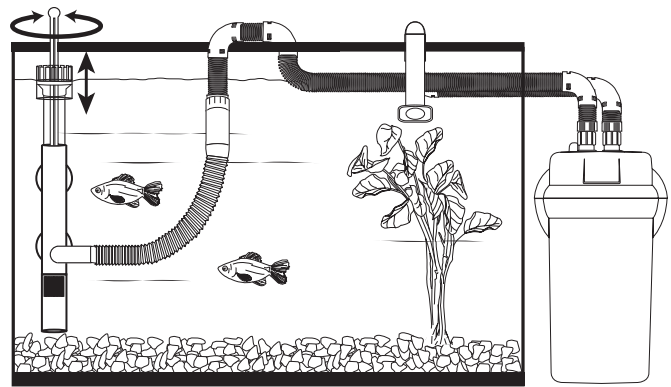
Components

- 1) Skimming Cup (including neck):  
This is the surface water entry point. Cup grill prevents debris from clogging the Surface Skimmer.
- 2) Skimming Control Knob:  
Use to adjust the amount of surface skimming. Rotating clockwise will decrease surface intake, and increase input from the bottom of the skimmer. Turning the control knob counter clockwise will increase surface skimming intensity and decrease input through the bottom strainer.
- 3) Main Siphon Stem & Strainer:  
The main body of the Surface Skimmer, water enters from both the top (skimmer cup) and the bottom strainer.
- 4) Suction Cups
- 5) Suction Cup Bracket
- 6) Flexible Corrugated Attachment Hosing:  
Comes attached to the Surface Skimmer with the other end ready to accept a supplied adapter or direct attachment to various filter intakes.
- 7) Aqua Clear and Fluval models are supplied with adapters, which allow easy and versatile hose connection.
 

7a) Aquaclear 300 / 500 Adapter Bushing	7c) Fluval Adapter Collar
7b) Aquaclear Mini / 150 / 200 Adapter Bushing	7d) Fluval Elbow Adapter



**AquaClear**



**FLUVAL**

### **Installation Procedure**

1) Attach the suction cup bracket and entire assembly to either the rear or side inner glass panels. Use the appropriate supplied intake adapter bushing to connect the flexible corrugated attachment hosing to the filter intake stem or hose.

2) When connecting the Surface Skimmer to an unprimed filter it is suggested to remove the Skimmer Cup from the Main Siphon stem, this will prevent air from entering the filter system.

**Note:** Always ensure that the Skimmer Cup is not interfered with by the canopy, cover, rim or anything else that prevents its free movement at the surface.

3) Once the filter is functioning, insert the Skimming Cup assembly into the Main Siphon Stem (always ensure that there is a full pocket of air under the skimmer cup) and adjust the skimming intensity with the Skimming Control Knob (See Description for Skimming Intensity Adjustment Knob usage). It is recommended to adjust the unit so that the entering water line descends approximately half way (approx. 1 to 2 in.) down the transparent neck of the Skimmer Cup.



### **Function and Benefits**

The Fluval and AquaClear Surface Skimmer will draw water from the surface of the aquarium as well as through a mid level intake strainer that will prevent and eliminate undesirable surface films as well as provide better circulation.

Benefits include higher dissolved oxygen levels, better water circulation and less light reduction due to unsightly surface film.

Carbon in a filter system will help trap impurities that can be found on the surface of aquarium water. To maximize surface film removal, it is recommended to use relatively fresh carbon in the filter system.

There are various sources of surface films, such as:

- Fats/Lipids from fish foods.
- Cooking.
- Cigarette Smoke.
- Oils from hands and skin.
- Decomposing organic matter.



Marine aquariums in particular that do not employ a surface overflow will substantially benefit from the implementation of a Fluval or Aqua Clear Surface Skimmer. Saltwater aquariums maintain water, which is far denser than freshwater aquariums and as such substances that are less dense, will float at the surface. In addition to this, the amount of dissolved oxygen that can be available is less (due to the salinity level), maintaining a clean water surface is crucial to providing optimum oxygen levels.