

## ENG INSTRUCTION USE

### For AQUATIC NATURE TURBO-SKIM 600 PROTEIN SKIMMER

## ASSEMBLING

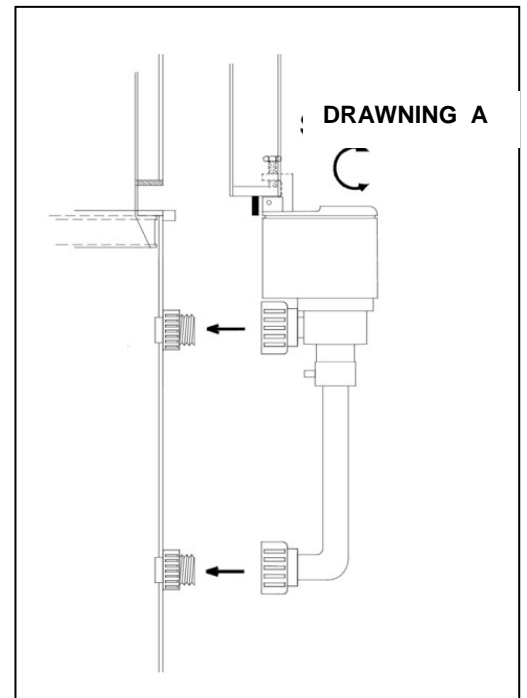
Connect the TURBO SKIM 600 & 950 protein skimmer as shown on drawing A

Connect both of the screws on the reaction chamber and manually tighten until fully closed.

In order to couple both of the connections easily, you can turn the TURBO MODI pump, slowly, either in a right or left direction.

Observe the position of the o-rings.

Once the pump is connected, the TURBO SKIM is ready for installation.



## INSTALLATION

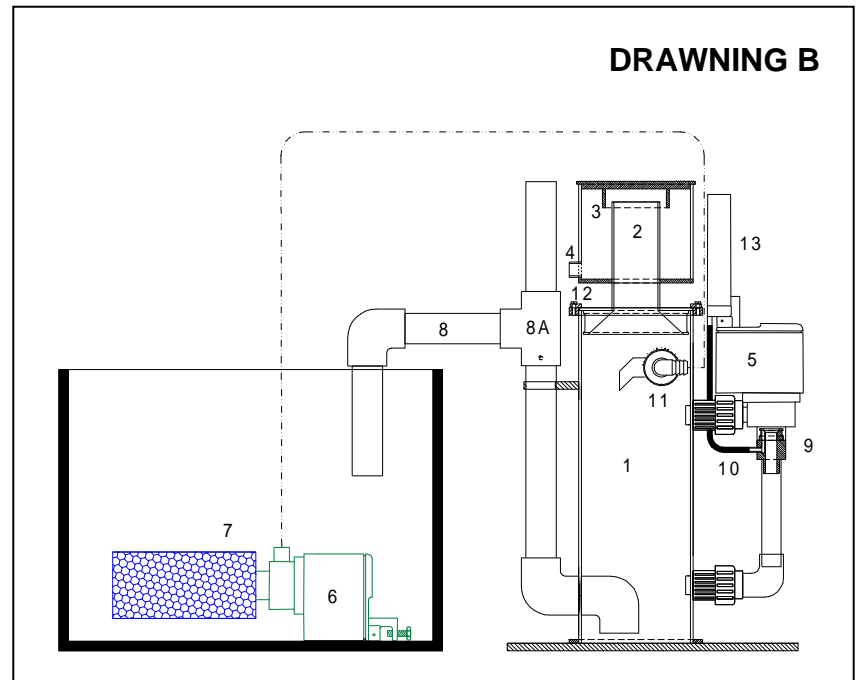
### DRAWING B

- 1 Place the TURBO SKIM beside the filter or if present a reservoir.  
If using a reservoir, the outlet ( 8 ) from the protein skimmer must be located above the top of the reservoir .  
If needed put the protein skimmer on a higher.  
Make sure that it is level and stable.
- 2 The water supply pump ( 6 ) must be put into the filter ,aquarium or reservoir and will be protected by a foam cartridge ( 7 )
- 3 Connect the air tube to the venturi system( 9 ) and air filter( 13 )
- 4 Connect the outlet of the water supply pump ( 6 ) with flexible tubing (dimensions 16 x 22 mm) to the water inlet of the protein skimmer (11).
- 5 Plug the TURBO 1600 ( 6 ) into 220 v current and wait until the reaction chamber ( 1 ) on the TURBO SKIM is filled with water and water flows out of the outlet ( 8 ) of the protein skimmer.  
If you are using a pump with a water supply greater than 1600 L/H it is advisable to regulate the water supply by means of a ball valve to insure the optimum function of the TURBO SKIM.
- 6 Plug in the special reciprocating air mixing pump TURBO MODI ( 5 ) .

# TURBO-SKIM 600 & 950

## LEGEND

- 1 Reaction-Chamber
- 2 Foam Hose
- 3 Foam Cup with O - ring
- 4 Outlet of Foam Cup
- 5 TURBO MODI 1600
- 6 TURBO 1600
- 7 Foam Cartridge
- 8 Outlet
- 8a Turnable T part
- 9 Connection for air suction O-Ring
- 10 Air tube
- 11 Water Supply Connection
- 12 Clips
- 13 Air Filter



## **MAINTENANCE**

It is recommended to fully clean the TURBO SKIM every 6 months these to assure a optimum performance.

The foam hose ( 2 ) should be cleaned every 14 day's (depending on the population of fish and invertebrates in the aquarium) .

Cleaning should be done by rinsing with clean tap water and a toothbrush.

**DO NOT USE ANY DETERGENTS**

When rinsing the foam cup ( 3 ) proceed as follows :

- Unplug all pumps .
- Turn the two clips ( 12 ) to the outside position from the skimmer and carefully lift the foam cup.
- Rinse with tap water. **DO NOT USE DETERGENTS.**
- After rinsing, replace the foam cup on the skimmer and make sure the o -ring is on the upper position from the Conical part, so that when pushing downwards the o -ring can roll easily into its needed position and no leaks occur.
- Return the 2 clips ( 12 ) back to their closing position.

## **IMPORTANT**

### ***DRAWING C***

If over time the venturi air suction part ( 9 ) becomes coated or blocked with lime deposit ,this part can be removed from the pump. Place this part in a cup of vinegar for approximately two hours or until all the lime deposit dissolve. Rinse the connection piece ( 9 ) with tap water. Carefully replace the air suction part ( 9 ). Make sure that the O -rings are in the right position and the fittings are firmly tightened by hand.

