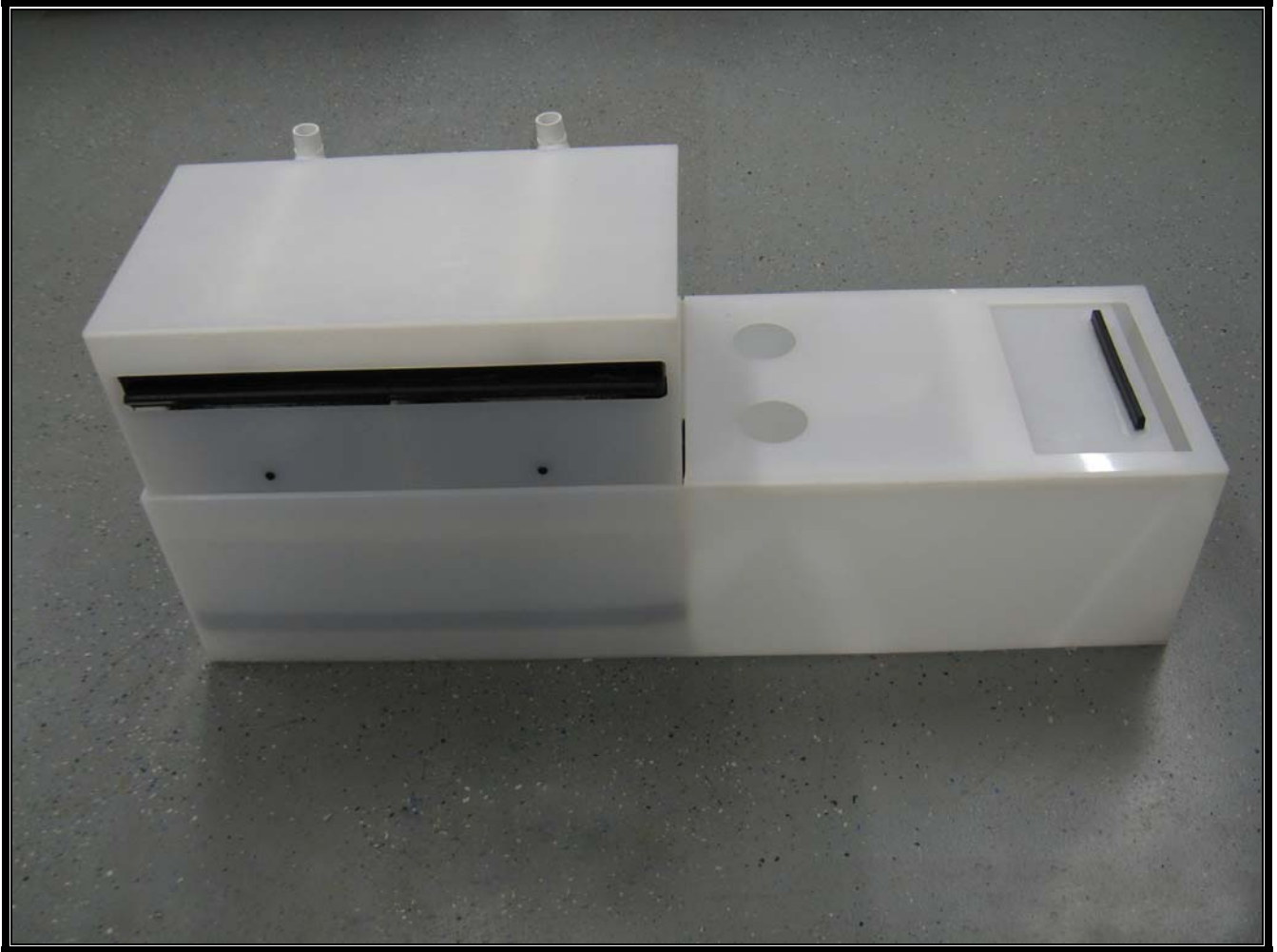


Aqua-Link ADP

3010 Commercial Series

Wet Dry Filter Set Up Instructions



This filter is manufactured of 1/4" thick ***chemical resistant***, high density, polypropylene.

It is comprised of 2 sections:
-Large, lower, sump, section.
-Upper Bio media section.

The top bio media section comes with (2) PVC 1" influent bulk heads. The standard placement of these is drilled facing downward in the top panel requiring additional 3" height clearance.

Optional side mount intake bulk heads (shown above) drilled facing in the back panel will requiring additional 3" width clearance. This method includes stationary spray bars to disperse influent water evenly over the drip tray and bio-media.

Bottom Sump Section

1. Unpackage, verify parts and inspect for possible shipping damage. (All units are inspected and tested before being shipped. It is always a good practice repeat the same after the product has be shipped and prior to installation. To accomplish this complete steps 2-6 below. Then place the sump unit outdoors on a fully supported, flat, dry surface that is not hazardous or susceptible to water damage. Fill the unit with water and closely check for wet spots. When done, siphon out all water. Do not move, lift, or tilt until all water is completely drained. If a leak is detected, DO NOT USE THE UNIT!! Follow our ordering and shipping policy as outline on our website.)

2. Open sump access door.

(2)



(3)



(4)



3. Insert sump effluent bulk head with the rubber seal on the outside of unit.
4. Hand tighten nut.
5. Insert additional sump bulk heads in the same manner.
6. Insert plugs in ALL bulk heads.

(5)



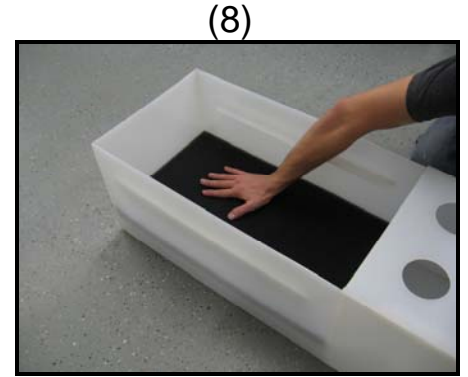
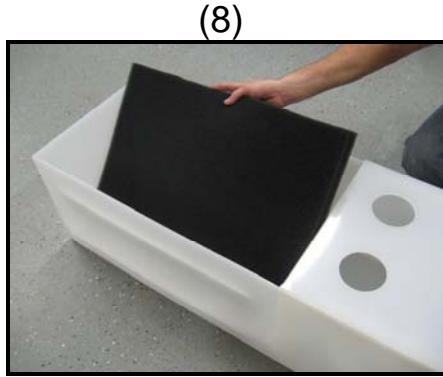
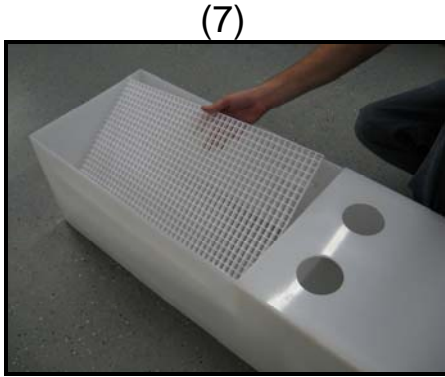
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(6)



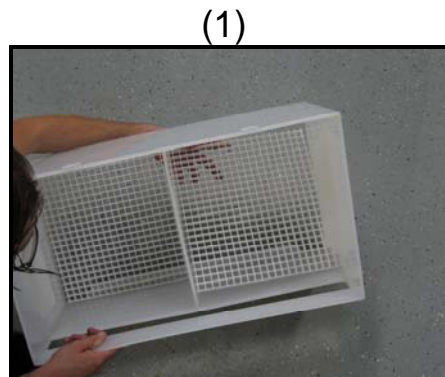
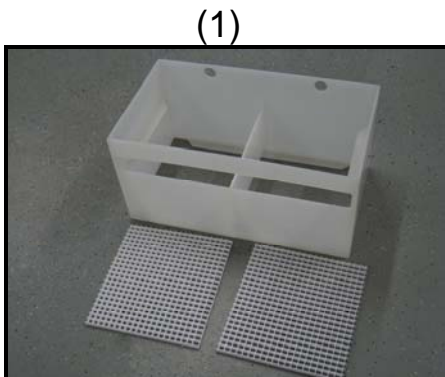
7. Install egg crate support tray on top of lower support rails.
8. Insert the (anaerobic) bio-media foam pad on the support tray.
9. Position the sump in an accessible location under the lowest aquarium bottom.



Top Bio-Media Section

****NOTE**** the top panel of the bio media section will arrive permanently affixed, however the top is removed in the following photos to easily demonstrate parts placement. Actual installation sequence will be reversed. Turn unit upside down and reverse sequence following step #'s 6 thru 1 then proceed with step # 7.

1. Insert both egg crate trays on the lower support rails.



2. Insert rubber grommets.

(2)



(2)



3. Insert your choice of bio-media.

(3)



(3)



4. Insert 1" PVC influent bulk heads. Rubber washer on outside (see note above on first page)

(4)



(4)



(4)



5. Insert stationary spray bar. (Optional requirement for rear panel mounting).

(5)



(5)



(5)

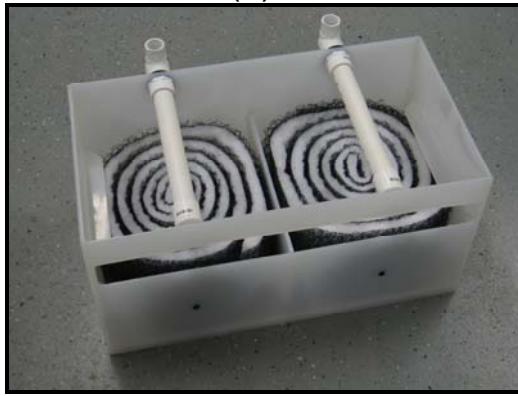


6. Repeat for both influent bulk heads.

(6)



(6)



(6)



7. Insert drip tray through front load access opening sliding back completely.

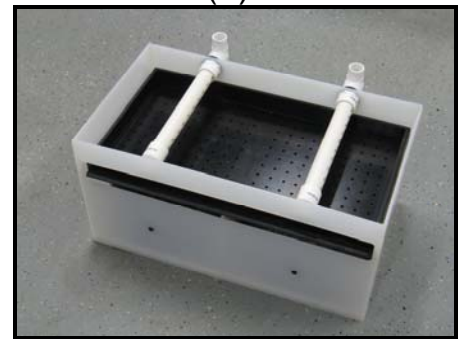
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(7)



(7)

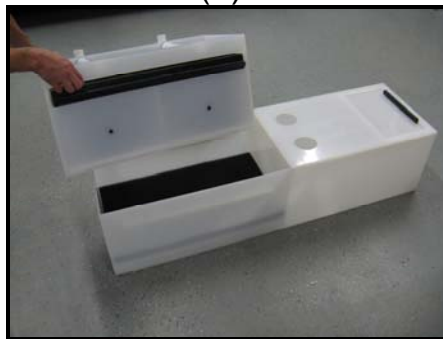


8. Insert top bio-media section to rest on the upper support rails inside of the sump section.

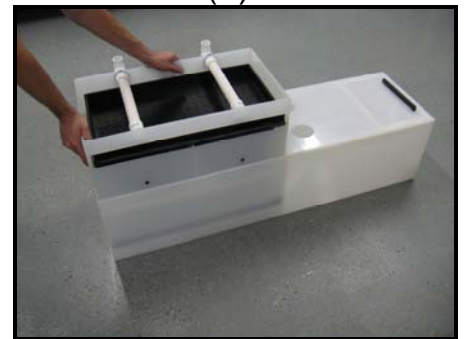
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(8)



(8)



9. Insert the rigid air injection tubes through the front panel and into the bio-media.
(wetting the tubes first eases installation)

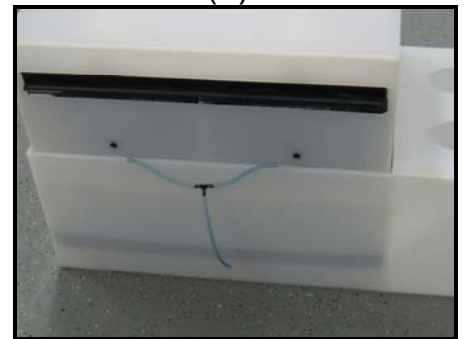
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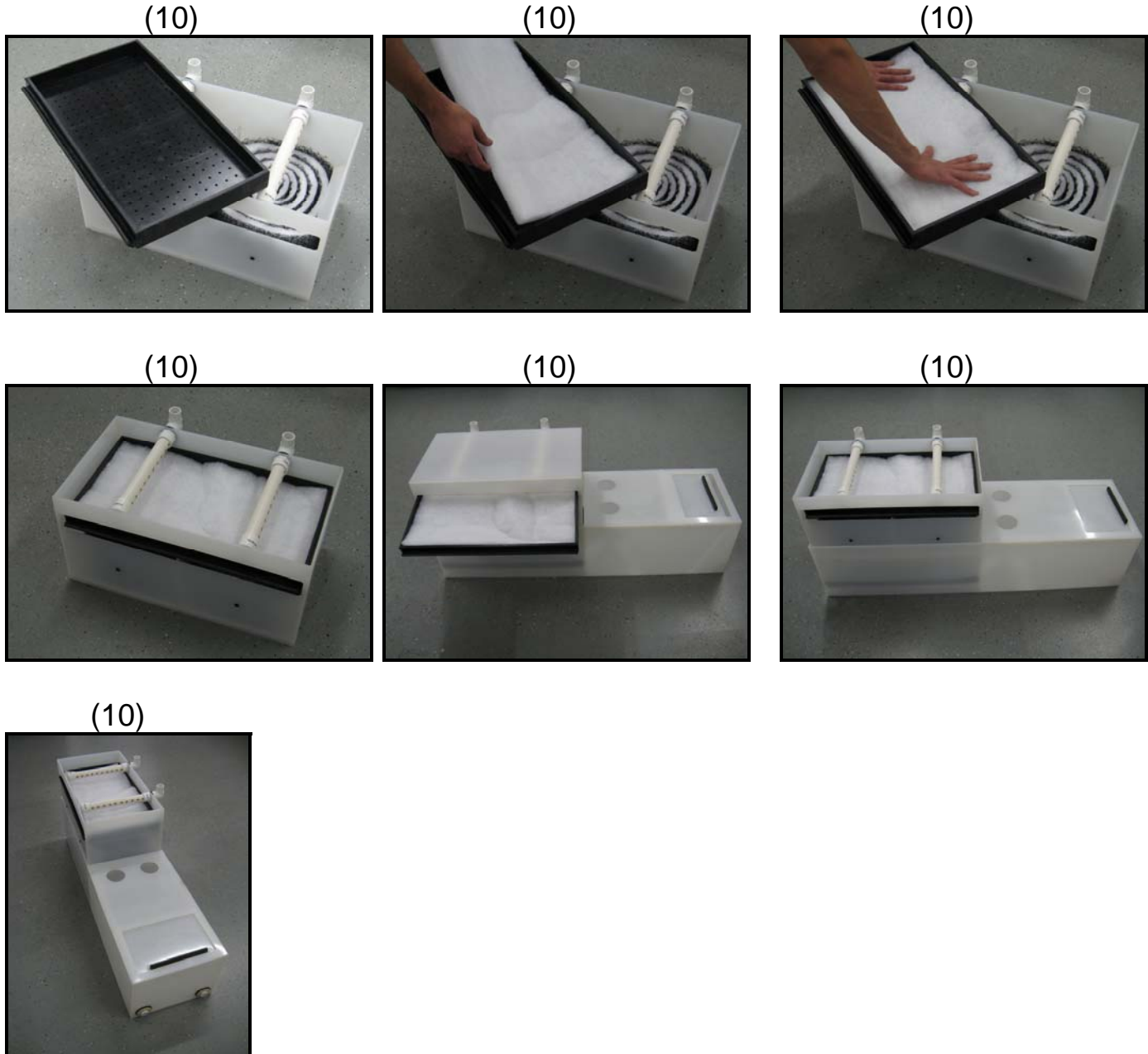
(9)



(9)



10. To insure maximum biological efficiency and stabilize water quality, it is highly recommended to provide a method of mechanical pre-filtration **PRIOR** to untreated influent draining into the wet dry unit.
- If an alternate pre-filtration method is not available or possible, then a coarse mechanical filter pad may be used in the drip tray only as a last resort option. This pad must be monitored and exchanged very frequently to prevent biological instability.



11. Install drain plumbing (not supplied) to the filter intake fittings.
12. Install water pump and return line plumbing (not supplied) to aquarium.