PRO RIMLESS GLASS AQUARIUMS

Pro Clear Aquatic Systems™

PRO ACRYLIC AQUARIUMS

The following is a set of guidelines for successfully assembling your ProStar "All-In-One" (AIO) Aquarium System.

What Comes with your ProStar Rimless "AIO" System:

1. Low Iron – Ultra Pure, Glass Aquarium w/ Colored Decorative Bottom and Side Trims
2. Marine-Grade Stand w/ Glass Color Accent - Overlays
3. Fixed Glass Shelf
4. Leveling Feet
5. Integrated Filtration System
6. Stackable Dual Drip Trays
7. Two, Multi-Level Drip Tray Supports
8. Adjustable, Water-Level Spillway Wall w/Nylon Bolt and Wingnut
9. Mechanical, Filtration Pads – (White Polyester)
10. Biological, Media Cubes (Blue Foam Cubes)
11. Egg-Crate Filtration Media Support
12. Three Removable Plastic Drain Screens
13. Filtered Water Return, Bulkhead Adapter
14. Adjustable Filtered Water, Return Nozzle
15. PVC Elbow w/ Pipe Hose Adapter
16. 12" Long by – ¾" Diameter Hose
17. Two, Stainless-Steel Hose Clamps

23 White "AIO"

35 Black "AIO"

Before starting the installation of your new aquarium set-up, please inspect all components for damage. If any damage is found, please call the below phone number immediately, or email csr@pro-clear.com

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"AIO" All-In-One, Installation Parts Kit

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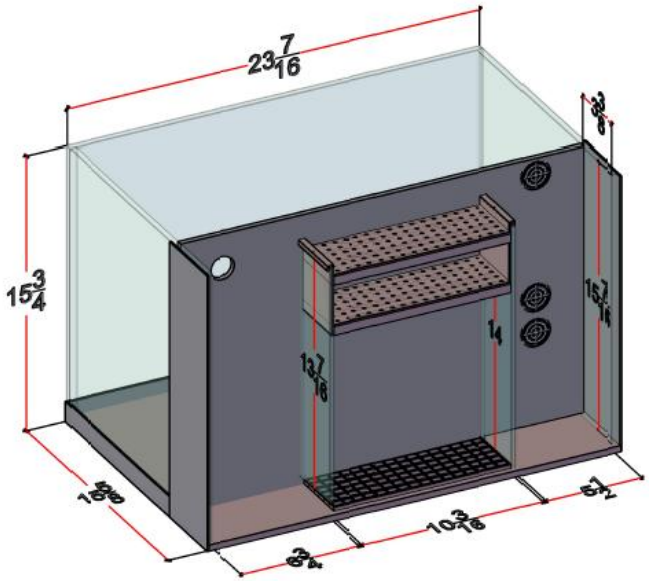
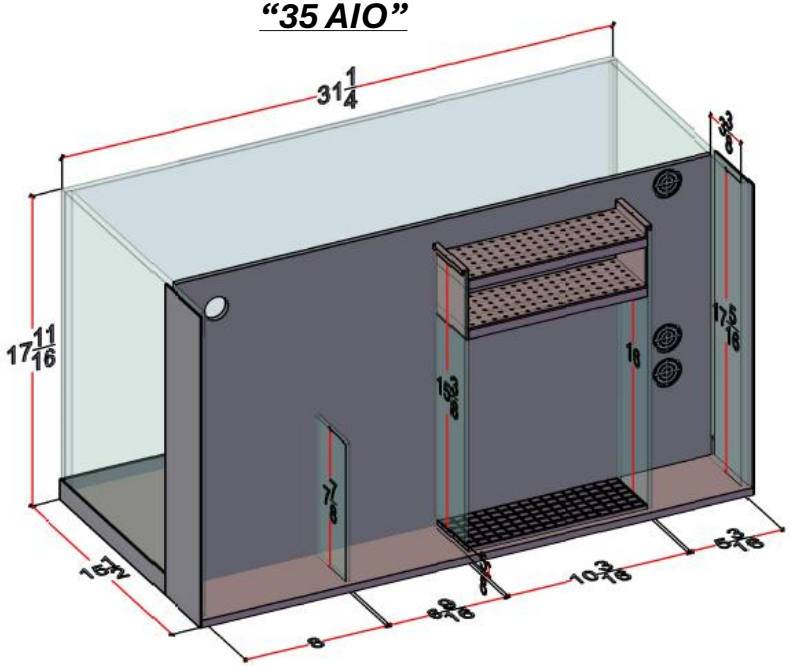
"23 AIO"



"35 AIO"



"REAR VIEW FILTRATION SYSTEM"

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https://www.pro-clear.com *2959 Mercury Road Jacksonville, FL 32207* *(904)448-6800*

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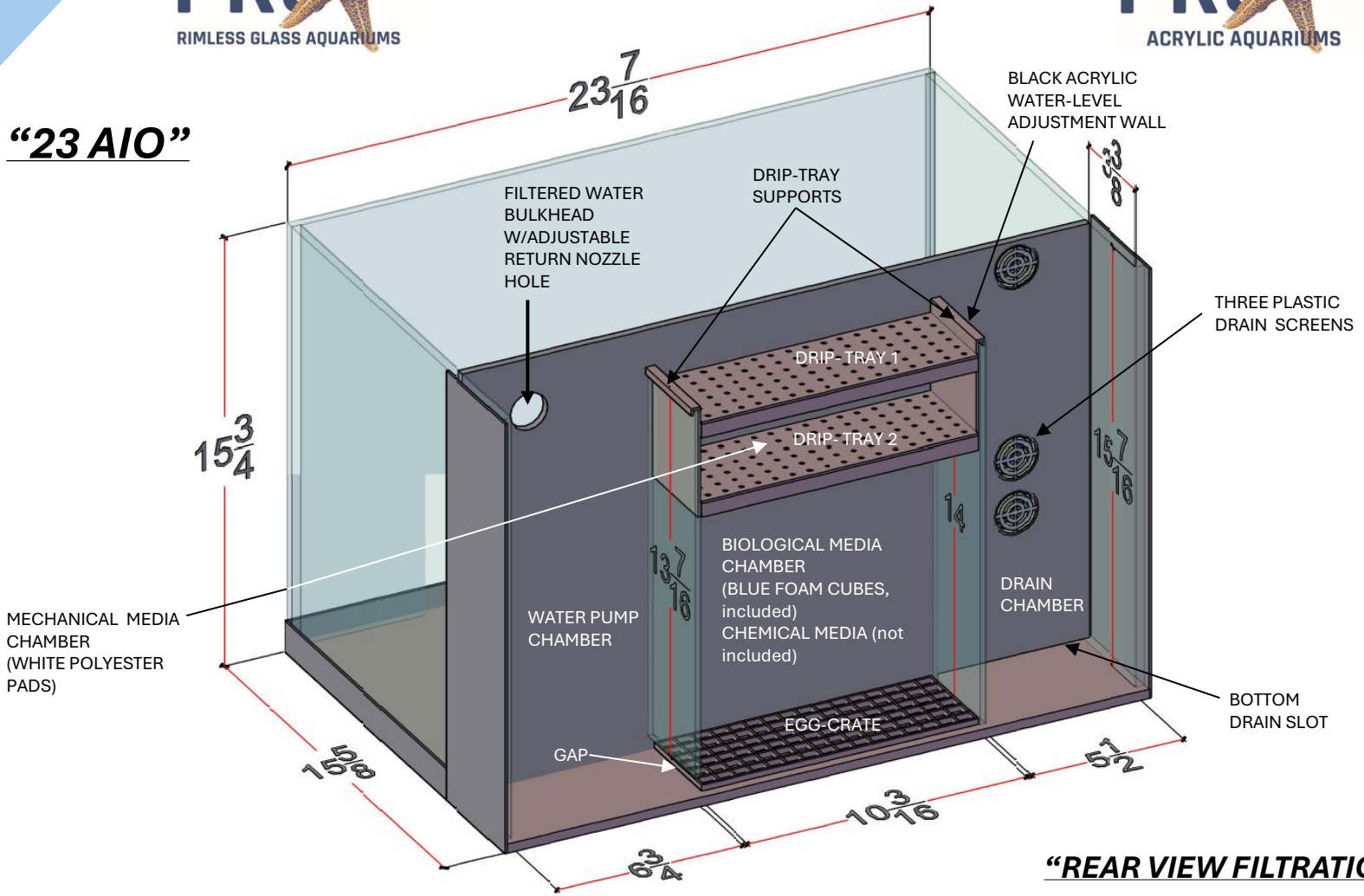
"23 AIO"



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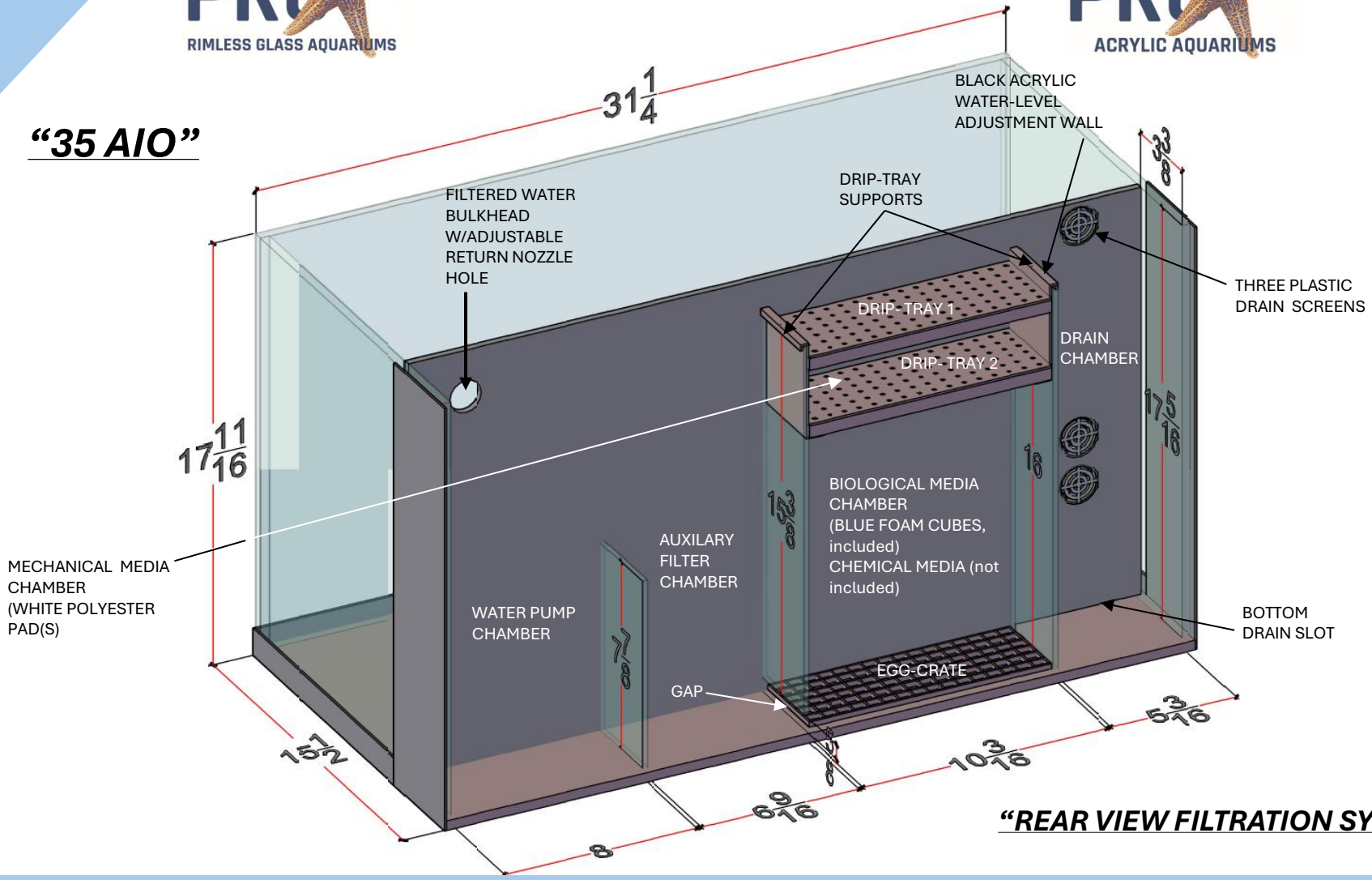
"35 AIO"



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ProStar "ALL IN ONE"

What You Will Need:

- Level
- Phillip's head screwdriver
- Appropriately sized water pump
    - With 3/4" discharge
- Proper lighting system for your specific pets
- Chemical filtration media, w/ nylon bag (optional)
- Biological media (optional)
- Substrate (optional)
- Decorations (optional)
- Heater (optional)
- Protein Skimmer (optional)

35 Black "AIO"

1. Leveling the Stand

- The stand comes with four leveling feet.
- One glass shelf inside the stand.
- Screw in all four leveling feet into the bottom of the stand.
    - **DO NOT:** put the stand onto its sides or back to adjust the leveling feet, you may break the glass shelf inside the stand.
- The best way to adjust the leveling feet will be to either have a friend hold up one side, or place some type of block (like two pieces of 2x4 wood) under both corners on the side of the stand you are working on.
    - Make sure that only the side panel of the stand is resting on the wood blocks.
    - **NEVER:** rest the weight of the stand on the front door(s), this may *void the warranty.*
- While each side of the stand is elevated, screw in the corresponding leveling feet for that side.
- Repeat with the opposite side.
- Move the stand into its FINAL position, resting on the leveling feet.
- Place a Leveling device on top of the stand running (side-to-side).
- Adjust each leveling foot until the bubble in the Level is centered between the lines.
    - Once the bubble is centered, this means that the stand is LEVEL (side to side).
- Place the Leveling device on top of the stand running (front-to-back).
- Adjust each leveling foot until the bubble in the Level is centered between the lines.
    - Once the bubble is centered, this means that the stand is LEVEL (front to back).
- Turn the Level 90 degrees to check the (side-to-side) level one more time, to make sure it is still level on this plane.
- Make FINAL adjustments until the stand is ***PERFECTLY*** level (side-to-side) and (front-to-back).
- It's better to double check than to rush.
- Because the tank is rimless, and the water level visible, having a perfectly level display is desired.

DO NOT LEVEL WITH THE AQUARIUM ON THE STAND

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2. *Placing the Aquarium on the Stand* *(no water in the aquarium)*

- Be sure to work with the appropriate amount of able-bodied people (commonly family or friends) to help evenly distribute the weight and make lifting easier for each person involved.
- The strongest points to lift the aquarium is from the bottom four corners.
- There is also decorative Black or White aquarium trim along the entire bottom of the aquarium.
    - This prevents the weight from being transferred to the bottom glass pane, and therefore the seams of the aquarium.
- Lift the aquarium from the four corners below the aquarium accent trim.
- Lift the aquarium high enough off the floor, making sure to give more than enough clearance between the bottom of the aquarium accent trim and the top of the stand.
- Gently place the aquarium down into position, being careful to keep fingers out from under the bottom of the aquarium.
- If small adjustments need to be made to align the aquarium perfectly flush with the stand. Have a friend help push the aquarium only on the White or Black aquarium accent trim, applying even pressure near the corners of the bottom of the aquarium.
- Pushing from the glass itself can lead to glass shifting and can stress or damage the silicon seams.
- Pushing from the glass may *void the warranty*.
- Although these tanks are made very well, they are not indestructible.
- To keep both you and your new aquarium safe, please be sure to use precaution and lift and push from the bottom only.

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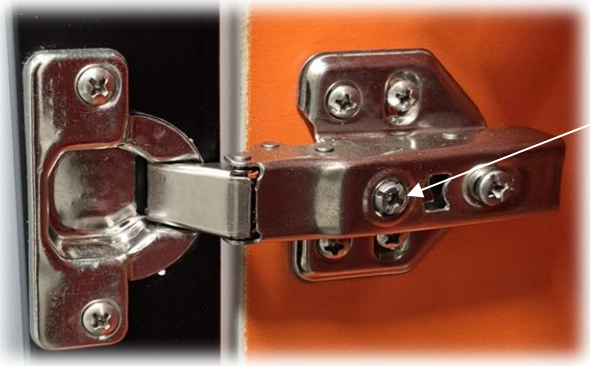
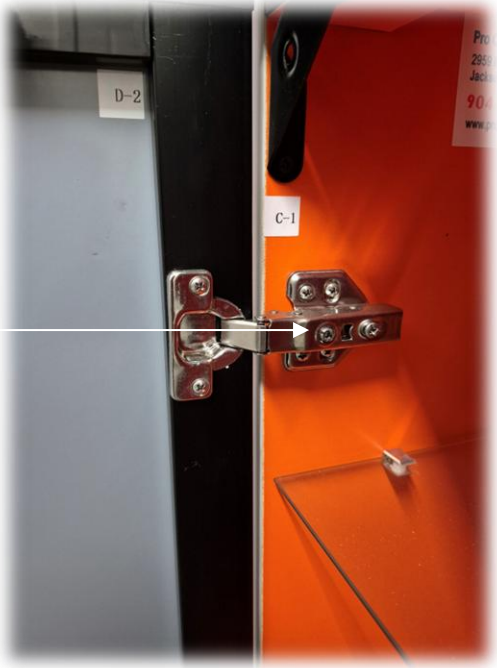
3. *Adjusting the Stand Door(s)*

- Be sure the Aquarium Display is Completely installed in its Final Position, Level and Full of Water.
- Using a Phillips head screwdriver make needed adjustments until the door(s) are square with one another and / or the stand.
    - 23 – AIO, One Door
    - 35 – AIO, Two Doors

- There is an adjustment screw on each hinge assembly.



Adjustment Screw



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4. *Filtration System Set-Up*

- Be sure the three round plastic drain screens are securely installed in the pre-drilled holes.
- Remove the two drip trays & mechanical media (white polyester pads).
- Confirm proper installation of the first multi-level drip tray support.
    - Loosen the nylon wing nut on the bolt halfway.
    - Place the top channel of this drip tray support on top of the first glass partition wall. The outer edge of this drip tray holder needs to be in-between the glass partition wall and the black acrylic water-level adjustment wall. The black acrylic wall needs to move up and down freely.
    - To start leave a ½" reveal between the top of the drip tray support and acrylic plate, hand tighten the wing nut.
- Confirm proper installation of the second multi-level drip tray support on the second glass partition wall.
- Move the foam cubes to the left exposing the egg crate, ensure the egg crate is slid as far left as possible, exposing a gap at the bottom of the second glass partition wall and the egg crate. You should be able to put your fingertips in between the egg-crate and the glass wall.
- Evenly distribute the foam cubes (biological media) in this chamber.
    - **NOTE:** If you are going to change the biological media to an after-market brand now is the time.
    - Leave at least one layer of foam cubes at the bottom and replace the remainder of this chamber's biological media with the brand you have selected.
- If you are going to also use an after-market chemical or resin media, in a nylon bag, you'll need to leave the required space for this media on top of the after-market biological media and under the second drip tray.
- (Optional) Install the chemical filtration media bag on top of the biological media
- Install the bottom drip tray 2

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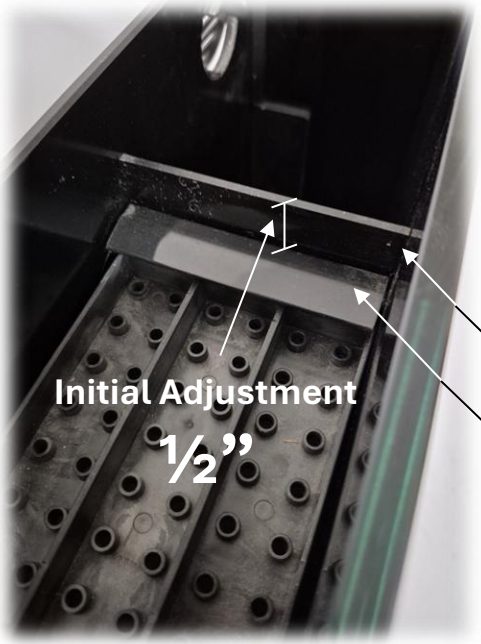
BLACK ACRYLIC WATER-LEVEL ADJUSTMENT WALL

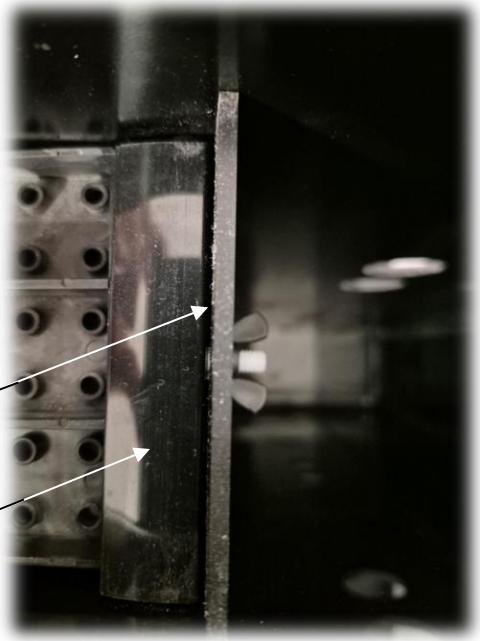


BLACK ACRYLIC
WATER-LEVEL
ADJUSTMENT WALL

DURING THE FINAL STEPS OF SETTING UP THE AQUARIUM YOU WILL ADJUST THIS WALL UP OR DOWN. BY DOING SO YOU WILL CHANGE THE WATER LEVEL IN THE MAIN AQUARIUM AND FILTRATION CHAMBERS. ONCE YOU HAVE THE WATER LEVELS AT YOUR DESIRED LEVELS, HAND TIGHTEN THE WING NUT TO LOCK THE PLATE IN POSITION. WHEN MAKING THIS ADJUSTMENT WAIT A FEW MINTUTES IN BETWEEN EACH MOVEMENT, AS IT TAKES A LITTLE TIME FOR THE AQUARIUM AND FILTRATION CHAMBERS TO EQUALIZE

Water Level Adjustment Wall

Drip Tray Support



BLACK ACRYLIC
WATER-LEVEL
ADJUSTMENT WALL
TOP VIEW

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4. Filtration System Set-Up (continued)

- Install one or both provided mechanical filtration pads (white polyester pads).
    - One pad is sufficient, if you want to save the second pad for your first scheduled maintenance.
- Install the top drip tray 1.
- Install the filtered water return bulkhead with adjustable nozzle in the provided hole.
    - Hand tightening the bulkhead nut is sufficient.
    - Point the return nozzle toward the bottom of the aquarium.
- Install the grey return elbow with pipe into the return bulkhead.
    - Firmly pushing this assembly into the bulkhead is sufficient, no need for PVC glue.
- Install the pump you have selected using the provided ¾" flexible vinyl hose.
- Secure one end of this hose to the grey PVC pipe and the other end to your pump discharge outlet, using the stainless-steel hose clamps.
- Install (optional / not provided) heater in the drain chamber of the filtration system compartments.
    - Ensure you follow the manufacturers' guidelines.
- Install (optional / not provided) protein skimmer in the auxiliary filter chamber (35 MODEL ONLY).
    - Ensure you follow the manufacturers' guidelines.

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FILTERED WATER BULKHEAD W/ADJUSTABLE RETURN NOZZLE

ADJUSTABLE
FILTERED WATER
RETURN NOZZLE

INTERNAL
FILTERED WATER
BULKHEAD WITHOUT
RETURN PVC

INTERNAL
FILTERED WATER
BULKHEAD
W/ RETURN FITTINGS
INSTALLED

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5. *Commissioning your AIO - Aquarium*

- Fill the main section of your aquarium, to within an inch of the top, with the water of your choice.
    - If tap water is used, make sure you use the appropriate amount of aquarium water conditioner and/or dechlorinator.
    - **PLEASE NOTE:** While filling the main section of your aquarium, the drain chamber will also fill with water.
- Fill the other sections of your filtration chamber(s) three-quarters full of water.
    - If tap water is used, make sure you use the appropriate amount of aquarium water conditioner and/or dechlorinator.
- Plug in your water pump, water should start flowing out the adjustable filtered water nozzle.
    - If flow does not start, try unplugging and plugging back in your water pump.
    - If flow still does not start, refer to the pump manufacturers' instruction booklet for further trouble-shooting.
    - Point the filtered water return nozzle in the desired position.
- **TIP:** By raising or lowering the "black acrylic water-level adjustment wall", the water levels in the main aquarium and filtration compartments will raise or lower accordingly.
- Adjust this plate until the desired water level is achieved in the main aquarium.
- Top off the aquarium with treated water until the biological and auxiliary filter chamber have about eight inches of water in them.
- **PLEASE NOTE:** The normal operating water-level of the filtration chamber(s) may vary depending on the brand of pump you selected. Please refer to the instruction provided by the specific pump manufacturer.

WE HOPE YOU ENJOY YOUR NEW PROSTAR RIMLESS "ALL-IN-ONE" GLASS AQUARIUM

If the Team at Pro Clear Aquatic Systems can be of any assistance, feel free to call us at the below phone number.

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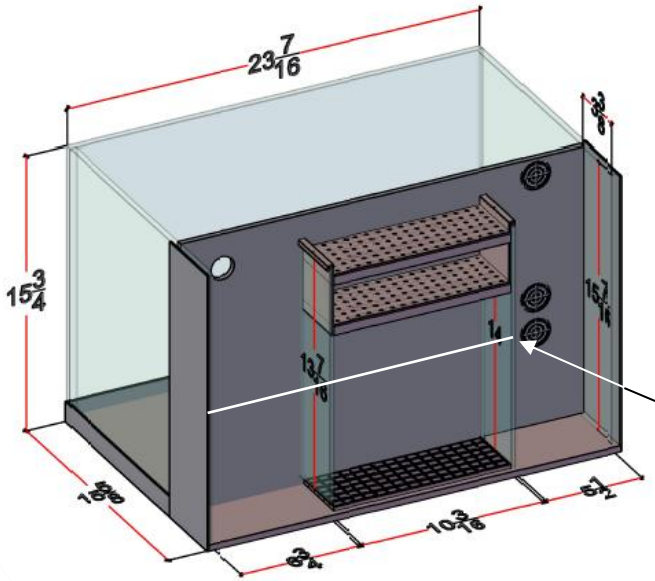

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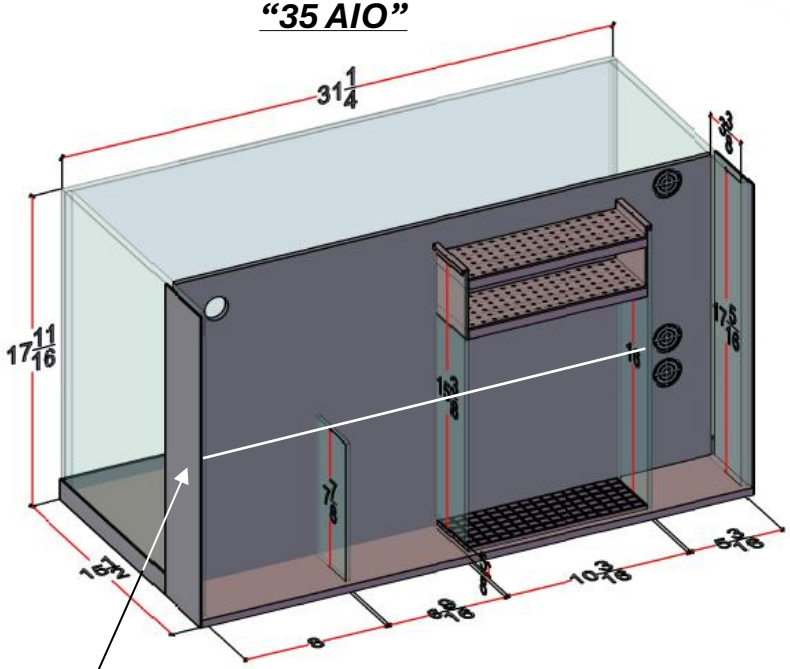

APPROXIMATE
NORMAL OPERATING
WATER-LEVEL (8.0")

"REAR VIEW FILTRATION SYSTEM"

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