

**READ FIRST!**



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**VERY IMPORTANT!**

Thank you for your purchase of the 3dOcean Fluval EVO 13.5g accessories. These items have been created by an enthusiast for fellow aquatic enthusiasts like yourself to provide better flow, more efficient use of your filtration media, and give you the flexibility to configure your media as you so desire. Being that this item has been 3d printed, there can and will be slight imperfections and variance as compared to an injection molded or cnc/laser cut acrylic basket. Rest assured, these variances in no way hinder it's ability to provide you with the best results.

The shelves have been installed prior to shipping. If you desire to change the configuration, simply slide them out and arrange as you so desire. Also, the basket(s) should provide a snug fit into the chamber(s), however due to the way the back wall is installed by Fluval, your fit may be less snug than others. Be careful not to force the baskets in as you can crack them or tear the silicone sealant around the chamber walls and glass. A little sealant may come loose, that's okay, just don't break the wall or basket. Should there be any excessive gaps in fitment, I suggest you cut small shims out of a CD Jewel case (the clear plastic kind) and shim the basket between it and the rear glass wall, not the plastic. This should help snug things up better. Place any bio balls or ceramic media BELOW the baskets. There's no need to remove it and this avoids potential flow restrictions down the road. Media orientation and type depend on each individual system's needs, but as a rule of thumb you want to place our laser cut pads, filter floss or similar media in the top, followed by a quality pelletized carbon like ROX 0.8, Red Sea or ESV carbon, Chemipure (Original, Blue or Elite), and any further media your system requires.

**Basket Installation:** You will notice slightly higher water levels in the main display if using the chamber 1 basket, that is because of the overflow director design and is normal. Please be sure to seat the chamber 1 basket completely down. One note, any baskets that are "clear" or "transparent" in color tend to be more translucent than transparent. That is the inherent nature of the material and nothing anyone can control. The baskets are all test fitted to the R&D EVO 13.5g/52L tank I have here prior to shipment. These are designed with high efficiency, so less is more for your filter media. DO NOT overload the floss or granulated media as it can inhibit flow and cause water levels to rise in the display. Make sure when installing or removing the basket(s) to turn the pump off, otherwise blocking the intake can cause the rear chambers to empty into the display and potentially overflow.

**Specifically for Chamber 2 Baskets:** You MUST maintain higher water levels in the rear chambers. Chamber 3 should be kept to where water level is about an inch to just touching the bottom of the return elbow that connects the pump to the output nozzles. Set your levels with the pump running and don't be afraid, the rear chambers and display will self-level. It is necessary to run a stronger output pump than the stock one for the best efficiency of the media baskets, using a stock pump may result in the loop not being complete for the flow director in chamber 2. Also, when removing the basket, do NOT use force lifting at the water director in the middle. You can break it. Gently pull until the left side is exposed enough and grab there. This will avoid breakage. CA or Super Glue can be used should you force it and crack anything. Simply remove, dry the area and apply the glue as necessary. Wait for 5 minutes for total cure and you will be set.



Proper Fill Level

**IF YOUR PACKAGE ARRIVES DAMAGED  
DO NOT THROW AWAY THE BOX OR PACKAGING. SEND PICTURES  
IMMEDIATELY. No Replacement Can Be Sent Otherwise.**

**Chamber 2 Plug:** Included is (1) 3dOcean Fluval Evo 13.5g Chamber 2 back wall plug. These plugs have been created to provide better flow, more efficient use of your filtration media & give you the flexibility to configure your aquarium as you so desire. The ring around each plug is there for your aid in installation. It can & many times will fall off once the plug is in place, that is completely normal & by design. If it doesn't fall off, you can leave it as well. These have been a measured & fitted to my Evo R&D aquarium that I have here in my facility. With that said, Hagen Fluval will make running production and manufacturing changes without notice to the consumers and those in the marketplace creating options for the aquariums. If the plug is too loose, just use a drop or 2 of "Superglue" gel to help secure it, yet allow it to be removed should you desire. I recommend Gorilla Glue brand gel or Mercury Adhesives Cyanocrylate "CA" glues (that is the technical name of super glues). If it's slightly larger, you can use a fingernail file (emery board) or sandpaper to trim it down. The sizing has been tested on every batch to fit the aquarium here, but I can't promise 100% that your particular aquarium is exactly the same due to their running changes. That is the inherent nature of the manufacturing & nothing I can control.

**RFG Nozzle Installation Instructions:** Hold at the collar between your thumb & first 2 fingers. Push at an angle onto the ball of the loc-line fitting slowly. You will feel it seat onto the ball. It will feel like a dull click. That will give you the most articulation and will avoid breakage. If the nozzle is seated too far, you risk breaking it initially or while pointing it, so be cautious of how you mount it. If it feels loose, you can use a Scotch Brite green pad (the kind on a dish sponge) and scuff the loc-line a bit to give it bite, or you can heat it with a hair dryer, **HOT** close to boiling water or heat gun & gently squeeze it around the loc-line. Use gloves or a cloth to protect your hands. You can also put a small dab of CA Glue in the inside & **let it dry** before final installation. Not all Fluval parts are exactly the same unfortunately. **Each & every item is test fitted here on the R&D tank prior to shipment.**

Should you have any questions or concerns, please don't hesitate to contact me. Don't forget the 5 Star review, if there's a reason you can't leave 4+ stars let me know immediately. Happy reefing!

\*Some items may or may not be part of your order. Please disregard their instructions if not applicable.