

READ FIRST!



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VERY IMPORTANT!

Thank you for your purchase of the 3dOcean Fluval Flex 9g 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 Flex 15g/57L tank I have here, however, there have been a few instances where the baskets don't align with the rib on the back-wall due to the fact they are human assembled by Fluval and not by lasers or robotics. Should your basket not drop down completely, remove the bottom shelf and try again. If it fits after removing the shelf, please contact me and I will send a modified lower shelf so you don't have to modify anything. Unfortunately, there's no way for me to know if that's your scenario in advance and there have only been 4 instances of this I have experienced so far. **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 Will Be Sent Otherwise.

Lower Intake Grate Cover: Included is (1) 3dOcean Fluval Flex 9g lower intake cover. These covers have been created to provide better flow, more efficient use of your filtration media and give you the flexibility to configure your aquarium as you so desire. **You MUST use the cover in conjunction with the Chamber 1 basket as that is what stops the basket from dropping too low into the chamber.** The covers have been designed to snap in place, no glues or other modifications are necessary. Also, they have been printed to give the most strength to the locking tabs to avoid breakage. To install, place one tab in the intake grate (side doesn't matter), then press the other side in and it will snap in place. If you need to remove it, simply pull the basket out and push the tabs from inside the chamber, it will pop off. Be careful not to put your arm in too fast as it will cause water to overflow from the chamber, slow and steady wins the race. 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 and nothing I can control.

RFG Nozzle Installation Instructions: Hold at the collar between your thumb & first 2 fingers. Push at an angle on the ball of the loc-line fitting & rotate on. If you feel it click twice, that means you've pushed it too far, just pull it back slightly. That will give you the most articulation & 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 or heat gun & squeeze it around the loc-line. 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,** and 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