

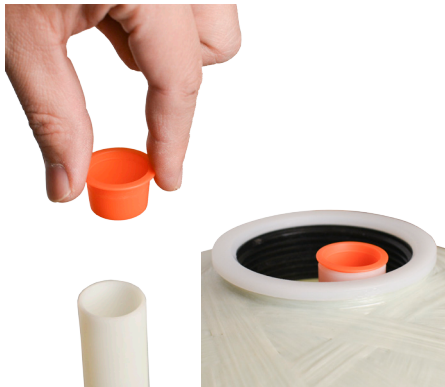
Backwash Filter *Installation Manual*



Aqua
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800-767-8731
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Backwash Filter Assembly

NOTE: Please allow a few hours after set up for your system to do its initial processing.



NOTE: Add Gravel First

Cover the end of the Riser Tube with the Cap to keep the media out and place Riser Tube down the center of the Fiberglass Mineral Tank. Make sure the top of the Riser Tube sits flush with the top of the Fiberglass Mineral Tank. There will be a small dip at the bottom of the tank that the Riser Tube should sit into. You will have to help support the tube to keep it straight. You can center the Riser Tube after you've put in the media in the next step.



Use the Funnel to pour the media into the Fiberglass Mineral Tank. You have been provided with the appropriate amount of media with your system.

Remove the Cap from the Riser Tube after you're done pouring the media into the Tank.



Install the Backwash Control Valve by fitting it onto the top of the tank and that the Riser Tube from the Tank is fitted into the bottom hole of the Control Valve. Twist the Control Valve clockwise onto the top of the Fiberglass Mineral Tank until tightly secured with hand strength.

Important: DO NOT use teflon tape or compound on these threads.



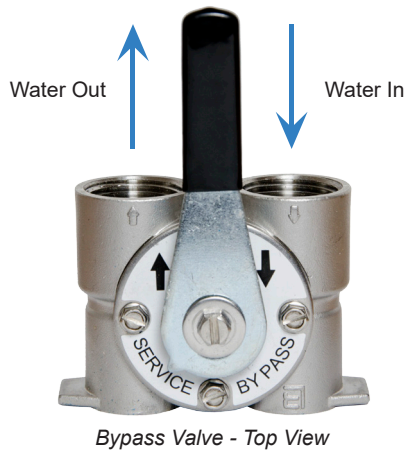
If you bought a Carbon tank, twist the Upper Basket onto the Backwash Control Valve before you fit the Valve onto the tank. Make sure the Riser Tube fits into the bottom of the Upper Basket.

Notes:

Don't use if you have heavy iron.

Must use for Fine Mesh Resin and Anion Resins.

Backwash Filter Assembly (continued)



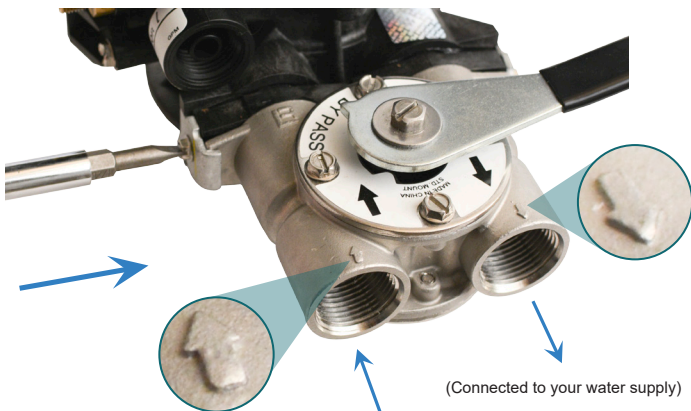
Bypass Valve - Top View

Next install the Bypass Valve into your existing water lines.

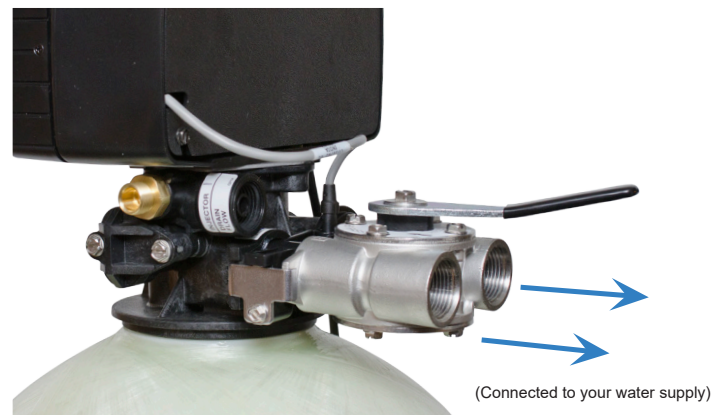
Make sure that your "Water In" always goes into the right-side of the Bypass as if you were looking at the Bypass from a top view.



1.) Unscrew the clips from the back of the Control Valve before you move the Control Valve into place with the Stainless Steel Bypass that you just installed into your water lines.



2.) Insert the Control Valve into place with the Bypass and then fasten with the clips. Make sure not to pinch the O-ring that are on the valve ports. Turn handle so it's pointing toward bypass.



3.) Ensure that the measurements match the height of the valve ports in the back of the Control Valve.

Then plumb to valve.

Backwash Filter Assembly (Continued)



While the tank is filling press and hold the cycle button until you see - - - -

This will allow the air to escape as the tank is filling. Once you see water coming out of the backwash line you can open the valve all the way and allow the system to go through a full cycle.



Slowly turn the Bypass valve lever slightly to the letter "B" in the word Bypass. This will allow water to slowly fill your tank.



Once the tank is full, turn the Valve lever fully to Service. You can check the status of the water fill by shining light through the tank.

If you need any help with your set up, please visit our easy to follow, resource rich website, www.aquascience.net or just give us a call at 800-767-8731.