GREENFIELD
WATER SOLUTIONS

GRAVITY-FEED FILTER INSTALLATION GUIDE

(NANO-FIBER, CERAMETIX, AQUAMETIX, DOULTON ULTRA-FLOURIDE, DOULTON SUPER STERASYL)

INSTALLATION AND OPERATING INSTRUCTIONS

Installation & Conditioning

When installing a new filter element it is important to flush and condition the new filter with the procedure below. If you are unsure which type of system/filter you have, please call us or send us an email. Failure to install or condition the filter properly can result in damaging the filter(s) which would not be covered by our warranty.

Gravity Filter Instructions:

Step 1 Place the sealing washer over the threaded mount.

Step 2 Install the filter candle(s) into the hole(s) in the housing and secure with the wing-nut. DO NOT OVERTIGHTEN.

Step 3 Ensure the tap is in the "OFF" position. Fill the upper chamber with water and allow the water to filter into the lower chamber. This initial fill will take time as the filter needs to fully saturate with water. Flow will improve after the initial flushing.

Step 4 After all the water has run through, open the tap and empty the lower chamber. Discard the first supply of water. Allow the filter to stand unused overnight.

Step 5 Refill the upper chamber, once the water has been filtered, discard the water in the lower chamber.

The filter is now ready for use. The filters should never be 'primed' by allowing water through the threaded end of the filter as this will damage the filter. If multiple filter elements are being used in the same housing, they can all be conditioned and flushed at the same time.

Operation

The flow rate on these filters will gradually reduce due to build-up on the outer surface of the filter, this is normal. When this occurs, the flow can be restored by removing the filter and gently scrubbing the surface with either a soft brush or Scotch-Brite™ type pad under cool running water. Never use soap or any type of detergent when cleaning the filter element. The filter does not require to be conditioned after cleaning, only when it is first installed. All filters should be checked on a regular basis to ensure they are operating properly, and to check for particulate build-up on the surface. Failure to maintain the element can cause back pressure and cause a pressure housing to fail. All filters must not be allowed to freeze, or be exposed to temperatures below 40° F (4.5° C) as damage may occur. Regular cleaning, inspection, and replacement of the filter should be followed based upon the filter grade installed. We recommend annual replacement of all filters.

Important Note: Our filter elements contain carbon, and black particles may be seen in the water that runs to waste. This is normal and will clear.

Note: Our filter elements contain water treatment medias to remove certain contaminants, they will not reduce dissolved minerals from water. A TDS meter should not be used when testing water after our ceramic filter elements as the results will not be accurate and more than often will result in a higher reading than before the ceramic element. This is due to the materials that the ceramic is made from, which are mineral based. If the filter elements are left unused for extended periods of time, allow the filter to run for 5 minutes before resuming use. In gravity applications, simply discard the first supply of water that has been filtered.

Flushing procedure with certain elements and/or water supplies may take more than the above, if an "off-taste" is present after installing a new filter, the flushing procedure should be repeated to fully flush the filter element.

ADDITIONAL INFORMATION

Flow Rate Tube (for Cerametix Filters only)

Included with your Cerametix Filters is a white tube, this tube can be inserted into the opening of the threaded end of your filter. The tube wil provide an increase to the flow rate through the filters. The tube acts as a siphon to speed up the flow rate. You do not have to use the tube: it is an option for those that would like increased flow through the filters. Note: The use of the tube will reduce the confact time the water has with the filter, some reductions of contaminants will be decreased when using the tube.

Installing Plugs:

Identify the Parts: Familiarize yourself with the parts of the gravity feed plug. There should be a top part, two gaskets, and a wing nut.

1. Start by unscrewing the wing nut and setting aside the wing nut and bottom washer. This second washer will be used on the bottom part of the hole later.
2. Check to ensure there's one gasket on the plug.
3. Gently insert the threaded part of the plug with gasket into the designated hole on the top of the gravity feed.
4. Ensure the plug goes through the hole effortlessly, without needing to force it.
5. Once the plug is through, slide the second washer (that you set aside earlier) onto the threaded part from below.
6. Make sure this washer fits tightly against the bottom surface.
7. Now, screw the wing nut onto the threaded part from below.
8. Hand-tighten the wing nut to secure it. Be cautious not to tighten too much to prevent damaging the gaskets.
9. To test the seal, pour a bit of water over the plug's top.
10. Look at the bottom, near the wing nut and washer. If you see any water leaks, the plug might not be sealed right.
11. Should there be any leaks, remove the wing nut, adjust both washers, and redo the process to ensure a leak-proof seal.
12. Dry off any spilled water with a cloth or paper towel and do a final check to confirm everything is fitting properly and sealed.

GRAVITY FEED TROUBLESHOOTING

Nano Fiber Filter Troubleshooting:

Release the Airlock:

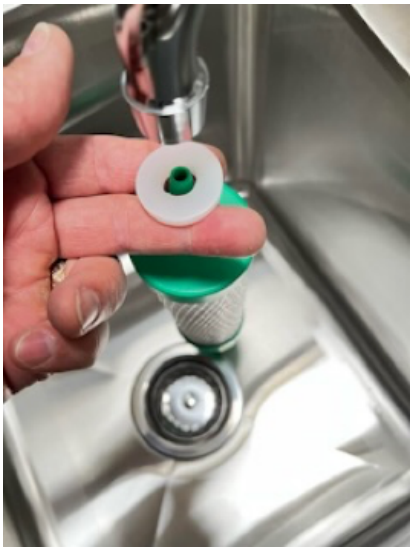
To release the airlock, follow these steps:

1. Hold the filter cartridge in an upright position. We recommend using one of the washers included with the filter and placing the nozzle through it under a faucet, as shown in the picture.

2. Turn on the water and allow it to flow through the filter. While doing this, gently shake the filter to dislodge any trapped air.

3. Ensure that you hold the filter in this position for several minutes to guarantee that water flows through the nozzle, expelling any remaining air.

4. Additionally, you can lightly tap the cartridge against a solid surface to remove any air bubbles.



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GRAVITY FEED TROUBLESHOOTING

Reassemble the Filter:

Once the airlock is released, follow these steps to reassemble the filter:

1. Insert the filter cartridge into the filter housing chamber, making sure it is properly seated with the two washers and wing-nut supplied with the filter.

2. Screw the filter tightly into the upper chamber to ensure a secure fit.

By following these steps, you should be able to eliminate the airlock in your gravity-fed water filter and restore normal water flow.

Periodic rinsing of this filter can enhance flow rate and filtering capacity. Ensure that the water level is above the filter when it is part of the gravity filter assembly to maximize flow. Additionally, completely drying the filter before use can help resolve any flow rate issues.

GRAVITY FEED TROUBLESHOOTING

Doulton Filter Troubleshooting:

These filters have a hard outer shell and are able to be scrubbed. If the flow rate slows down or the water develops an unusual taste, always consider lightly scrubbing and rinsing the filters. This can enhance filtering capacity and prolong the filter's lifespan.

If you're experiencing an unusually slow flow rate with your Doulton filter:

Without getting the threaded end of the filter wet, gently submerge it in a container of water, ensuring only the plastic cap at the threaded end is covered. Leave it submerged for about an hour. This can often help release any air trapped within the filter, improving the flow rate.

Cerametix Troubleshooting:

These filters have a hard outer shell and are able to be scrubbed. If the flow rate slows down or the water develops an unusual taste, always consider lightly scrubbing and rinsing the filters. This can enhance filtering capacity and prolong the filter's lifespan.

Aquametix Troubleshooting:

Unlike the Cerametix filters, we do not recommend scrubbing Aquametix filters. However, if buildup occurs, they can still be rinsed. For improved filter life, increased flow rate, and enhanced filtering capacity, lightly rinse the Aquametix when needed.

Storing All Filters:

If you plan to leave your gravity feed system unused for an extended period (more than a few days), we recommend drying the filters thoroughly and storing them in a dry place until you're ready to use them again.

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Customer Service: 208-462-0626
Hours of Operation: MON-FRI 6am-9pm (PST)