



GREENFIELD
WATER SOLUTIONS

NANO-FIBER

Gravity Feed Filter

Installation and Usage Guide



PLEASE CAREFULLY REVIEW THESE INSTRUCTIONS AND WARRANTY INFORMATION BEFORE USE. GREENFIELD WATER IS NOT LIABLE FOR DAMAGE RESULTING FROM FAILURE TO FULLY ADHERE TO PROVIDED INSTRUCTIONS.

WARRANTY FOR GRAVITY FEED FILTERS

- **30-Day Replacement Guarantee:** If your gravity feed filter breaks within 30 days of purchase, you qualify for a replacement of the same product.
- **After 30 Days:** No returns or exchanges will be accepted, even in cases of breakage.
- **Return Policy:** Used filters may only be returned if deemed defective by Greenfield Water Solutions Technical Support.
- **Defective Filters:** Filters determined to be defective by our technical support team will be replaced at no extra cost, contingent on customer cooperation in validating the defect.
- **Misuse Exclusion:** Filters damaged due to misuse (e.g., dropping, mishandling, using hot water, washing with soap, or testing with red dye) are not eligible for replacement.

NANO-FIBER GRAVITY FEED FILTER INSTALLATION MANUAL

1. Prepare Your System:

- Ensure the gravity feed system is empty and clean.
- Remove the lid from the top reservoir.

2. Remove Existing Filters:

- If there are old filters in the top reservoir, unscrew them and take them out.

3. Prepare your Nano-Fiber Filter:

- Each order includes one Nano Fiber filter. Additionally, you may need plugs for any unused filter holes.
- Locate the gaskets on the Nano Fiber filter. Note that this filter has gaskets both at the top and bottom.
- Ensure the filter is clean and free from any debris before installation.

4. Install the Nano Fiber Filter:

- Insert the threaded part of the Nano Fiber filter through one of the holes in the top reservoir.
- Position the filter so that the gasket at the bottom of the filter sits flush against the inside of the top reservoir.
- From inside the top reservoir, secure the filter in place by screwing the nut onto the threaded part of the filter. Hand-tighten the nut, ensuring it is snug but not overly tight to avoid damaging the gasket or the filter.
- Repeat for Additional Filters (if applicable)

- Hand-tighten the nuts until they are secure, but be careful not to overtighten. Any filter breakage caused by overtightening is not covered under warranty.

4. Check the Installation:

- Make sure filter(s) is standing upright and firmly in place.
- Place the lid back on the top reservoir.

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5. Prime the Filter(s):

- Ensure the tap is in the "OFF" position.
- Fill the upper chamber with water and let it filter into the lower chamber. This initial fill will take time as the filters need to fully saturate with water. The flow rate will improve after this initial flushing.
- Once all the water has filtered through, open the tap and empty the lower chamber.
- Discard this first batch of filtered water.
- Allow the filters to stand unused overnight.
- The next day, refill the upper chamber. Once the water has filtered through, discard the water in the lower chamber.

****Important:**** Never prime the filters by allowing water through the threaded end, as this will damage the filter.

****Avoid using red dye for priming.****

Your filter(s) is now ready for use.

CLEANING & MAINTENANCE

Maintaining Your Nano-Fiber Filters:

The flow rate of your Nano-Fiber filters will gradually decrease, which is normal. To restore the flow, follow these steps:

- Remove the filter from the system.
- Rinse the filter surface gently under cool running water. Avoid using a sponge or abrasive materials.
- Do not use soap or any detergent when cleaning the filter.
- After cleaning, the filter does not need to be conditioned again. Regularly check your filters to ensure they are working properly.

Important Tips:

- Avoid Freezing: Do not expose filters to temperatures below 40°F (4.5°C) as it may cause damage.
- Filter Life: For optimal performance, replace Nano-Fiber filters annually.
- Black Particles Seeing black particles in the water initially is normal and will clear over time.
- Mineral Content: Our filters do not remove dissolved minerals. Using a TDS meter may show a higher reading due to the mineral-based materials in the ceramic.

After Periods of Disuse:

If the filter is left unused for a long time, run water through it for 5 minutes before use. For gravity systems, discard the first batch of filtered water.

If an "off-taste" persists after installing a new filter, repeat the flushing procedure to fully clear the filter element.

Installing Plugs (For Empty Filter Holes)

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.

Nano Fiber Filter Troubleshooting:

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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.



Nano Fiber Filter Troubleshooting Continued

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. **DO NOT OVERTIGHTEN.**

By following these steps, you should be able to eliminate the airlock in your Nano Fiber 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.



Customer Service: 208-462-0626
Hours of Operation: MON-FRI 6am-5pm (PST)