



Newton Gravity-Powered Drinking Water Filter System

Assembly, Operating and Maintenance Instructions

The Newton Gravity-Powered Drinking Water Filter

- Designed to be free-standing on a stable surface, or used with the provided stand.
- It can be fitted with either 1 (exclusively 1L), 2 or 4 (exclusively 8.5L and 12L) Newton filter elements.
- It should only be used for the treatment of cold water.
- Is designed to filter harmful bacteria, chemicals and contaminants from water.

NOTE: Before beginning installation, it is a good idea to saturate the filters in a container of water for around 15 minutes to ensure the elements are evenly soaked. This can increase the flow of the filters for the first initial fill and allow you to get your system up and running as quickly as possible.

Installation:

Note: Cleanliness is essential whilst assembling the filter. Please consider using rubber gloves or using means by which you are not handling the ceramic filter element directly. Take care that no contamination of the components occurs during assembly and cleaning.

Lid Assembly:

- Fit the knob onto the lid by inserting the screw from the bottom of the lid so it is protruding out of the top.
- Using your finger to hold the screw in place from underneath, place the knob onto the thread and screw down. Hand tighten until fastened in place and do not overtighten to avoid the risk of damaging the lid.

Tap Assembly:

- Remove the metal nut, 1 metal washer and 1 plastic washer from the threaded stem of the tap.
- Insert the threaded stem of the tap from the outside of the unit going into the tap hole in the bottom chamber until the thread protrudes on the inside of the bottom chamber.
- Check the washer(s) on the outside of the unit are seated tight against the surface of the chamber.
- Replace the previously removed rubber washer onto the thread which is protruding through the hole in the bottom chamber, followed by the metal washer. The rubber washer should be seated against the inside of the bottom chamber with the metal washer behind it.
- Secure the tap in place by screwing the metal nut tightly against the metal washer on the inside of the bottom chamber. To achieve a tighter seal, hold the tap until the nut is hand-tight. Then, hold the nut from the inside and rotate the tap body until the nut won't rotate any more. Make sure the tap ends up in the upright position.

Filter Assembly:

- Remove all protective packaging from the filter elements. Be careful not to touch the ceramic element directly. Handling the cartridge by the plastic cap is fine (this may have been done prior if you saturated your filters).
- Remove the wingnut from the thread and push down the washer on the filter so it is at the bottom of the thread, flush with the black cap.
- Insert the filter element(s) through the hole(s) in the top chamber. The easiest way to do this is to flip the top chamber upside down and insert the filter elements from underneath, so the thread is protruding upwards through the base of the top chamber.
- Secure the filter element(s) in place with the wingnut you removed before. Hand tighten, and DO NOT OVERTIGHTEN.
- **PLEASE CHECK** - the washer should be on the thread between the black end cap of the cartridge on the inside of the chamber, not on the thread between the bottom of the top chamber and the wingnut.
- Once the filters are secure, place the top chamber onto the bottom chamber.

Filter Operation:

- Ensure the tap is in the "off" position.
- Fill the top chamber with water and replace the lid.
- Leave the unit to allow the water to filter through from the bottom chamber. This can take some time, especially on your first fill. Please allow around 2-3 hours for this process to occur. The maximum flow rate is usually achieved once the filters have become fully saturated and after filtering one full chamber of water.
- We recommend that the first supply of filtered water is thrown away, as it may contain loose material washed from the filter elements. The material will be compiled mostly of ceramic residue. This should subside after the first flush.
- Refill the top chamber and wait for the second supply of filtered water to come through.

The filter system is now ready for use!

The top chamber can be replenished with more water as and when required.

**We hope you enjoy your new Newton Gravity-Powered Water Filter System.
Drinking water, Pure and Simple.**



Please note:

Overfilling these units is possible. Please avoid overfilling the top chamber when the bottom chamber still has water in it. It will leak from where the top container meets the bottom container, as this is not an air/water-tight seal.

Top tip: Top / fill your Newton Gravity Water Filter System up before you go to bed, so the filtering takes place throughout the night, leaving you with an all-day supply of fresh drinking water the next day.