

AquaHouse AH-GRAV-8L

AquaHouse AH-GRAV-8L Stainless Steel Gravity Water Filter System User Manual

Model: AH-GRAV-8L

INTRODUCTION

The AquaHouse Gravity Water Filter System is a portable and user-friendly solution designed to provide filtered water without the need for plumbing or electricity. It operates by gravity, allowing water poured into the upper chamber to pass through advanced ceramic filter cartridges into the lower chamber, which serves as a reservoir for up to 8 liters of filtered water.

This system utilizes ceramic diatomaceous earth filter technology combined with an exclusive internal formula. It is engineered to reduce high levels of various contaminants, including chlorine, fluoride, heavy metals (such as lead), microplastics, particles (down to 0.2 microns, >99.9% reduction), bacteria, cryptosporidium, and cysts (>99.9% reduction), and THMs (trihalomethanes). Importantly, the filtration process retains beneficial natural minerals present in the source water.

The filter cartridges have a lifespan of up to 12 months or 4900 liters per pair, depending on the incoming water quality. The system is constructed from durable 304 stainless steel.



Image: The AquaHouse Gravity Water Filter System, made of stainless steel, positioned on a modern kitchen countertop. A clear glass of filtered water stands beside it, illustrating its use in a home environment.

SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components are present: upper chamber, lower chamber, lid, spigot, and two AquaHouse Ceramic Gravity Filter cartridges.
2. **Wash Components:** Before first use, wash all stainless steel chambers and the lid with warm, soapy water. Rinse thoroughly to remove any manufacturing residues.
3. **Prepare Filter Cartridges:** Remove the filter cartridges from their protective packaging. It is recommended to rinse the filters under cold running water for a few minutes to remove any loose ceramic dust.
4. **Install Spigot:** Attach the spigot to the lower chamber. Ensure the washers are correctly placed on both sides of the chamber wall and tighten the nut securely by hand to prevent leaks. Do not overtighten.
5. **Install Filter Cartridges:** Insert the threaded stem of each filter cartridge into the holes in the base of the upper chamber. Secure them with the provided wing nuts from underneath, ensuring a snug fit.
6. **Assemble Chambers:** Place the upper chamber, with filters installed, onto the lower chamber. Ensure it sits securely.
7. **Initial Flushing:** Fill the upper chamber with tap water. Allow the water to filter completely into the lower chamber. **Discard the first two full batches of filtered water.** This process primes the filters and removes any residual taste or odor from new components.
8. **Ready for Use:** After flushing, the system is ready for regular use.



Image: A pair of AquaHouse Ceramic Gravity Filter cartridges, featuring white cylindrical bodies and green caps, ready for installation into the filter system.

OPERATING INSTRUCTIONS

1. **Fill Upper Chamber:** Remove the lid and pour untreated water into the upper stainless steel chamber. Do not overfill beyond the top of the filters.
2. **Gravity Filtration:** The water will slowly pass through the ceramic filter cartridges by gravity, collecting in the lower chamber. The filtration rate depends on the water quality and filter condition.
3. **Dispense Filtered Water:** Once water has collected in the lower chamber, open the spigot to dispense filtered water as needed.
4. **Refill:** When the upper chamber is empty and the lower chamber requires more water, simply refill the upper chamber.



Image: The AquaHouse Gravity Water Filter System displayed in a contemporary kitchen, highlighting its sleek design and ease of integration into a home environment.

MAINTENANCE

- Filter Lifespan:** The AquaHouse Ceramic Gravity Filter cartridges have a maximum lifespan of 12 months or 4900 liters per pair. Replace filters when the flow rate significantly decreases or after 12 months, whichever comes first. Filter life may vary based on the quality of your source water.

- **Cleaning Chambers:** Clean the stainless steel chambers regularly, approximately every two weeks, or as needed. Use warm, soapy water and a soft cloth. Rinse thoroughly. Avoid abrasive cleaners or scouring pads that could scratch the stainless steel.
- **Cleaning Filters:** If the filtration rate slows down before the recommended replacement period, the ceramic filters may be cleaned. Carefully remove the filters and gently scrub the outer ceramic surface with a soft brush or sponge under cold running water. Do not use soap or detergents on the filters. This removes accumulated sediment and can restore flow.
- **Spigot Maintenance:** Periodically check the spigot for leaks and ensure it is clean. If necessary, disassemble and clean the spigot components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Slow filtration rate	Filters are clogged with sediment.	Remove filters and gently scrub the outer ceramic surface under cold running water with a soft brush or sponge. If flow does not improve, filters may need replacement.
Water has an unusual taste or odor (initial use)	New filter components may have residual manufacturing odors.	Ensure initial flushing steps were followed. Discard the first two full batches of filtered water. If the issue persists, contact customer support.
Leakage from spigot or chamber connection	Spigot not tightened correctly or seals are improperly seated.	Check that the spigot washers are correctly positioned and the nut is hand-tightened. Ensure the upper and lower chambers are properly aligned and seated.
Rust spots on stainless steel	Exposure to harsh chemicals, abrasive cleaning, or prolonged contact with certain metals.	Clean with a stainless steel cleaner and a soft cloth. Avoid steel wool or abrasive cleaners. Ensure the unit is dried after cleaning. If persistent, contact customer support.

SPECIFICATIONS

- **Model Number:** AH-GRAV-8L
- **Brand:** AquaHouse
- **Material:** 304 Stainless Steel (Chambers), Ceramic (Filters)
- **Capacity:** 8 Liters
- **Dimensions (Diameter x Height):** 21 cm x 50 cm
- **Weight:** 2.8 Kilograms
- **Purification Method:** Gravity-fed Ceramic Filtration
- **Filter Lifespan:** Up to 12 months / 4900 liters per pair
- **Contaminant Reduction:** Chlorine, Fluoride, Heavy Metals (e.g., Lead), Microplastics, Particles (>0.2 microns), Bacteria, Cryptosporidium, Cysts, THMs.
- **Installation Type:** Countertop
- **Power Source:** Gravity (No electricity required)



Image: The AquaHouse Gravity Water Filter System placed on a tree stump in a forest clearing, with camping tents visible in the background, demonstrating its portability and suitability for outdoor use.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement filters, please contact AquaHouse customer service directly. Refer to the product packaging or the official AquaHouse website for contact details.

Manufacturer: Water Filter Man Ltd