



# **Installation** Instructions

## Whole House Water Filter

Welcome to the Aquasana experience. You are about to enjoy clean, clear water and the peace of mind that comes from knowing award winning filter technology is working for you.

## EQ-1000

NSF Certified media reduces 97% of chlorine for 1,000,000 gallons or 10 years.

Also reduces sediment, synthetic chemicals and scale.

(System not NSF Certified.)



### Basic Install Contents

- 1 main tank
- 2 pre-filter
- 3 shut-off valve (1)
- 4 slip unions (2)
- 5 3/4" x 3" nipples (4)

### Professional Grade Install Kit (optional):

- 6 10" .35 micron post-filter
- 7 support brackets (2)
- 8 brass "T" fittings (2)
- 9 brass adapters (2)
- 10 brass valves (3)



## EQ-600

NSF Certified media reduces 97% of chlorine for 600,000 gallons or 6 years.

Also reduces sediment, synthetic chemicals and scale.

(System not NSF Certified.)



### Basic Install Contents

- 1 main tank
- 2 pre-filter
- 3 shut-off valve (1)
- 4 slip unions (2)
- 5 3/4" x 3" nipples (4)

### Professional Grade Install Kit (optional):

- 6 10" .35 micron post-filter
- 7 support brackets (2)
- 8 brass "T" fittings (2)
- 9 brass adapters (2)
- 10 brass valves (3)



## EQ-300

NSF Certified System reduces 97% of chlorine for 300,000 gallons or 6 years.

Also reduces sediment, synthetic chemicals and scale.



### Basic Install Contents

- 1 main tank
- 2 pre-filter
- 3 shut-off valve (1)
- 4 slip unions (2)
- 5 3/4" x 3" nipples (4)

### Professional Grade Install Kit (optional):

- 6 10" .35 micron post-filter
- 7 support brackets (2)
- 8 brass "T" fittings (2)
- 9 brass adapters (2)
- 10 brass valves (3)



## Installation – check operating specifications before installing

1. KEEP THE UNIT IN AN UPRIGHT POSITION AT ALL TIMES.
2. Remove the red shipping caps from the inlet & outlet ports on the main housing.
3. **Precondition the unit by “surge flushing”:** It is very important that this system is flushed properly prior to final installation. The granular carbon medium used in the bottom tank contains 1-2% by volume of carbon fines that should be flushed out prior to use. The best method for purging these carbon fines from the media bed is “surge flushing”:

Using the supplied adapter, connect a garden hose to the inlet port so that the water will flow into the system and out of the outlet port. Slowly turn on the water and allow the discolored water to flow from the outlet into a bucket or drain. The first few gallons will appear black and cloudy due to carbon fines. After an initial 15 minute flushing, begin a period of “surge flushing.” Turn the water supply on for 30 seconds and then off for 30 seconds repeatedly for 15 minutes or until initial surge of water is completely clear and free from discoloration and cloudiness. Once the unit has been properly flushed, be sure the white washers are properly set inside the inlet and outlet ports. Disconnect it from the garden hose and position it for final installation.



4. Turn off main source water supply prior to installation.
5. Install the unit to the main water supply using the supplied components. Do not over tighten fittings, as this may cause leakage and broken fittings. **Do NOT use pipe dope.** The use of pipe dope voids the warranty. You may use NSF-certified pipe primer, glue and teflon tape. Leave two-three threads exposed and do not exceed seven layers of teflon tape. More than seven layers will cause the nipple to crack and leak.
6. **IMPORTANT:** The inlet piping assembly (valve, pre-filter, main filter unit, union and nipples) must be firmly braced and supported.
7. Once installation is complete, slowly turn the water on and inspect for leaks.
8. Once the unit is installed and checked for leaks, open the water faucet closest to the installed unit and allow water to run for 5-10 minutes for the final flushing period.

**THIS UNIT MUST BE INSTALLED BY A LICENSED PLUMBER TO VALIDATE THE WARRANTY**



## Installation Notes

- Read all precautions, installation and operating instructions carefully and completely before installing the unit.
- Ensure all installation pieces are present prior to beginning.
- Lay out system in appropriate configuration. Improper sequence of equipment will affect performance, and could possibly damage your system.
- For systems with pro-grade installation kits, anticipate the addition of pex tubing, clamps and mounting screws to install unit properly (available at your local home improvement store or through your plumbing contractor). Due to the varieties of home design, not all configurations can be addressed in this guide. Components and time of installation will vary. Please refer your plumbing professional to our Installation Guide.
- Pick an appropriate installation location. Dimensions of systems vary—always allow an estimated minimum of 50" clearance for height of tank, and a minimum of 30" for floor space. Your plumber will be installing the system in an area where the main water line enters your home, prior to your water heater.
- Do not install the unit on its side or in direct sunlight. Outdoor installation requires the use of sunproof sumps. Please contact our sales and service department 866-662-6885 to discuss the specifics of your installation.
- Full warranty contingent on installation by a licensed plumber.
- Do not install this filter where the line pressure may exceed 100 psi. Operating pressure range: 20psi – 100psi.
- Install on cold water lines only (40° – 90°F). Protect unit from freezing.
- Installation of the filter must comply with existing state and local plumbing codes. Aquasana is not liable for consequential or incidental damages due to improper installation.

## Use and Care

Customization options are available to address any specific concerns you may have. The best way to establish your specific needs is to conduct a water test. Contact us by phone: **866-662-6885** or online: [aquasana.com](http://aquasana.com), to make arrangements and get recommendations.

### Sediment Pre-filter

- Sediment levels vary from one location to another. During the first year of use, a visual inspection monthly is recommended. The sediment pre-filter is white when you initially install it. Once you can no longer see white, or the flow rate has noticeably decreased, it is time to replace the filter with a new one. Allowing sediment to continue to collect can cause clogging and restrict the flow of water into your home.

### EQ-1000 2 stage Whole House filter

- This filter unit has a capacity of 1,000,000 gallons. You replace the unit in its entirety every 1,000,000 gallons. Check with your plumber at the time of installation about adding a meter to your system. Typically, the average family of four will consume that amount in 8-10 years. Unions are located on each side of the tank for ease of replacement. It is not necessary to contract a plumber. The replacement part number is EQ-1000R.

### EQ-600 2 stage Whole House filter

- This filter unit has a capacity of 600,000 gallons. You replace the unit in its entirety every 600,000 gallons. Check with your plumber at the time of installation about adding a meter to your system. Typically, the average family of four will consume that amount in 5-6 years. Unions are located on each side of the tank for ease of replacement. It is not necessary to contract a plumber. The replacement part number is EQ-600R. Or you may easily upgrade your system with the EQ-1000R for 1 million gallons and 10 years of filtration.

### Cleaning your system

- The exterior of your filtration system can be cleaned with warm, soapy water. Rinse well with fresh, clean water. Never use chemical cleaning products on the filters exterior surface because they may damage the filter housing.

## Specifications

### Model: EQ-1000

Replacement cartridges  
Main tanks: EQ-1000R  
Pre-filter: EQ-304-20

### Model: EQ-600

Replacement cartridges  
Main tanks: EQ-600R  
Pre-filter: EQ-304

### Model: EQ-300

Replacement cartridges  
Main tanks: EQ-300R  
Pre-filter: EQ-304

## Pure Satisfaction

All Aquasana products offer a 90-day satisfaction guarantee. (A warranty is included, which covers defects in materials and workmanship.) If for any reason you are not satisfied with your purchase, simply call us, or the dealer you purchased from, for a Return Authorization Code and a full refund will be promptly issued upon return.

### Thank you for choosing Aquasana!

This filter system is designed and tested for use with genuine Aquasana parts including replacement filters and all hardware. Use of parts from other manufacturers may result in loss of contaminant reduction performance, system damage or failure. Use of parts from other manufacturers will also void your warranty. Please visit [aquasana.com](http://aquasana.com) for replacement parts.



**Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.**



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