



# **Installation** Instructions

## F-300CR 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.

Installation must comply with state and local laws.

The F-300R Whole House System is NSF certified to reduce chlorine.

It can also reduce sediment, synthetic chemicals and scale (not part of NSF certification.)



F-500C Chloramines unit available (not certified by NSF)

## Contents



F-300R filter



5-micron pre-filter unit  
Model: EQ-PRE-34PT



Replace:  
EQ-304



Install kit:

- 1) 1 filter housing wrench
- 2) 4 nipples 3/4"x3"
- 3) 2 unions
- 4) 1 ball type shut off valve
- 5) 1 Hose Adaptor (not shown, not NSF certified)

## 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 2-5 minute flushing, begin a period of “surge flushing.” Turn the water supply on for 30 seconds and then off for 30 seconds repeatedly for 5-10 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. Installation may require up to 8 layers of teflon tape to resolve any leaking issues
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**

## Use and Care

### Component one: 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, it is time to replace the filter with a new one (EQ-304). Allowing sediment to continue to collect can cause clogging and prevent the flow of water into your home.

### Component two: Rhino 2 stage Whole House filter

- This filter unit has a capacity of 300,000 gallons. You replace the unit in its entirety every 300,000 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 3-5 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 F-300R.

## Specifications

Model: F-300R

Replacement cartridges :

Main tanks: F-300R

Pre-filter: EQ-304

Rated service flow: 7 gpm

Max working pressure: 20-100 psi

Max operating temperature: 40° – 90°F

Max capacity: 300,000 gal

**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 waters that may contain filterable cysts.**

## Operating specifications

1. Read all precautions, installation, and operating instructions carefully and completely before installing the unit.
2. Do not install this filter where the line pressure may exceed 100 psi. Operating pressure range: 20psi – 100psi.
3. The rated service flow is seven gallons per minute; rated capacity is 300,000 gallons.
4. Sediment pre-filter cartridges should be changed as needed. (When you can no longer detect the original white color of the filter, it is time for replacement. Sediment levels vary greatly, so regular visual inspections are recommended during the first year.)
5. Install on cold water lines only. Operating temperature range: 40° – 90°F. Protect unit from freezing.
6. 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 888.516.9752 to discuss your specific needs.
- 7. 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.**
8. Cleaning: use only warm, soapy water to clean the outside of the housing. Rinse well with fresh, clean water. Never use chemical cleaning products on the filter's exterior surface because they may damage the filter housing.



## Pure Satisfaction

All Aquasana products offer a 90-day satisfaction guarantee. (A 3 year 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 [www.aquasana.com](http://www.aquasana.com) for all replacement parts.

The F-300R system provides clean water throughout your home and will extend the life of your appliances by reducing sediment and scaling. (Scale reduction not NSF certified.)



**Aquasana, Inc.**

6310 Midway Road  
Haltom City, Texas 76117  
888.516.9752