AustinSprings™
clear. Refreshing. Pure.

Installation Instructions

AS-400 Whole House Water Filter

Contents

The AS-400 Whole House System is specially formulated to reduce chloramines in municipal water.

It can also reduce sediment, synthetic chemicals and scale.

Use and Care

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.

AS-400 Whole House filter

Replace the main tanks every 400,000 gallons. You may consider adding a meter to your system at the time of installation. Typically, the average family of four will consume that amount in 4-6 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 AS-400R.

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.

Install Kit:

1. filter housing wrench (1)
2. support brackets (2)
3. ball type shut off valve (1)
4. 3" nipples (6)
5. slip unions (3)
6. hose adaptor (1)

Replacements:

Main Tank: AS-400R

Pre-filter: AS-WHPRE-4-R (4)

Post-filter: AS-WHPOST-R

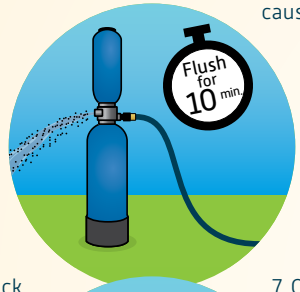
Installation

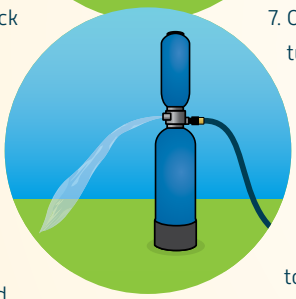
1. KEEP UPRIGHT AT ALL TIMES.

2. Remove the red shipping caps from the inlet & outlet ports on the main housing.

3. **Precondition by "surge flushing":** It is important that this system is flushed prior to installation. The granular 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 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 into a bucket or drain. The first few gallons will appear black and cloudy. After an initial 2-5 minute flushing, begin a period of "surge flushing." Turn the water 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 flushed, be sure the white washers are properly set inside the inlet and outlet ports. Disconnect it from the 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 plumber's tape. Leave two-three threads exposed and do not exceed seven layers of plumber's 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 10 minutes for the final flushing period.

9. **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 contents are present prior to installing.
- 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.
- Do not install this filter where the line pressure may exceed 100 psi. Operating pressure range: 20psi – 100psi.
- Select 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. It needs to be installed upright to maximize contact with media. It is recommended your system be installed inside and out of direct sunlight. If this is not possible and the system is outdoors or in a sunny area, the installation requires the use of sun-proof sumps. Please contact our sales and service department 866-238-5855 to discuss the specifics of your installation.
- Full warranty contingent on installation by a licensed plumber.
- 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. Austin Springs is not liable for consequential or incidental damages due to improper installation.

Specifications

Model: AS-400
Replacement cartridges
Main tanks: AS-400R
Pre-filter: AS-WH-PRE-4-R
Post-filter: AS-WHPOST-R

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.

Pure Satisfaction

All Austin Springs 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.

This filter system is designed and tested for use with genuine Austin Springs 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 AustinSprings.com for replacement parts.

AustinSprings

Austin Springs
1609 Shoal Creek #200
Austin, Texas 78701
866-238-5855
AustinSprings.com

AS-400_20190612