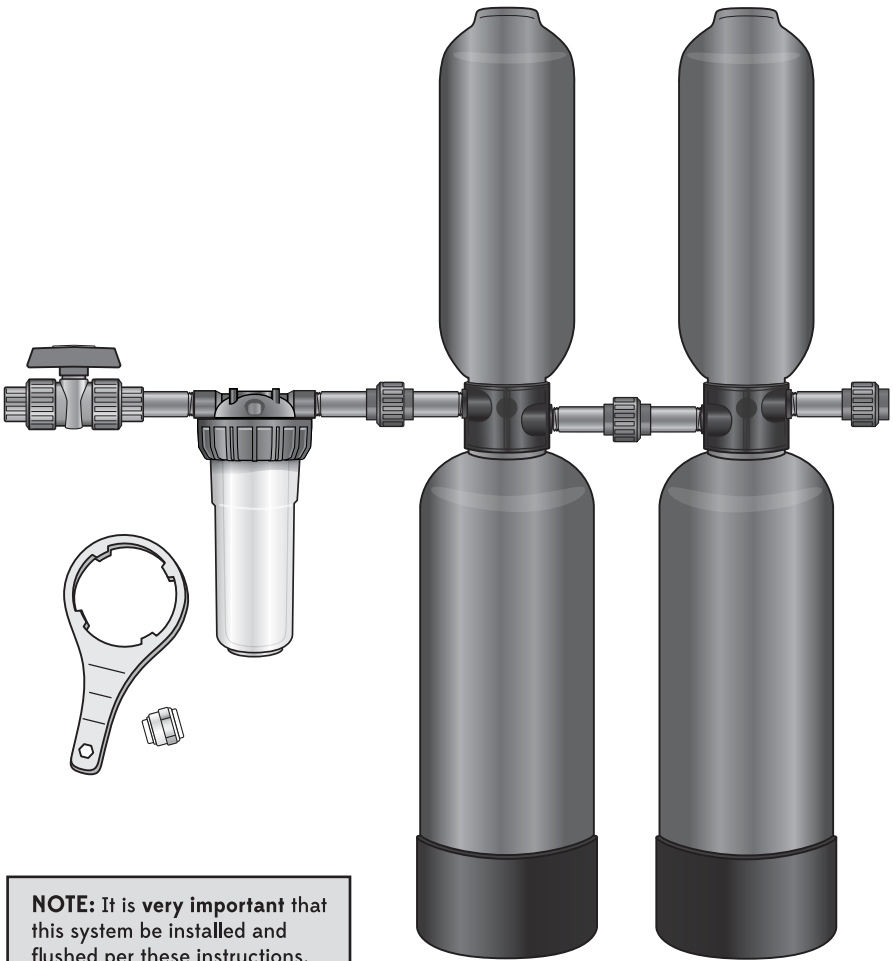


DR. MERCOLA®



Whole House Salt-Free City Water Softener Filtration System

INSTALLATION MANUAL AND OWNER'S GUIDE



NOTE: It is very important that this system be installed and flushed per these instructions. Properly installed, this product will provide years of trouble free service and high quality water.

Precautions & 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 is between 20 and 100 psi.
3. The rated service flow is 7 gallons per minute; rated capacity is 600,000 gallons. Replacement tank is available at www.waterfilters.mercola.com
4. 5 micron sediment pre-filter cartridge should be changed every 1 – 3 months or as needed. Replacement filter cartridges are available at www.waterfilters.mercola.com
5. Install on cold water lines only. Operating temperature range between 40° and 90°F. Protect unit from freezing.
6. Do not install the unit on its side or in direct sunlight.
7. Installation of the filter must comply with existing state and local plumbing codes.

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.
9. This product is not intended for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit.

COMPONENTS

Whole House Water Softener Filters

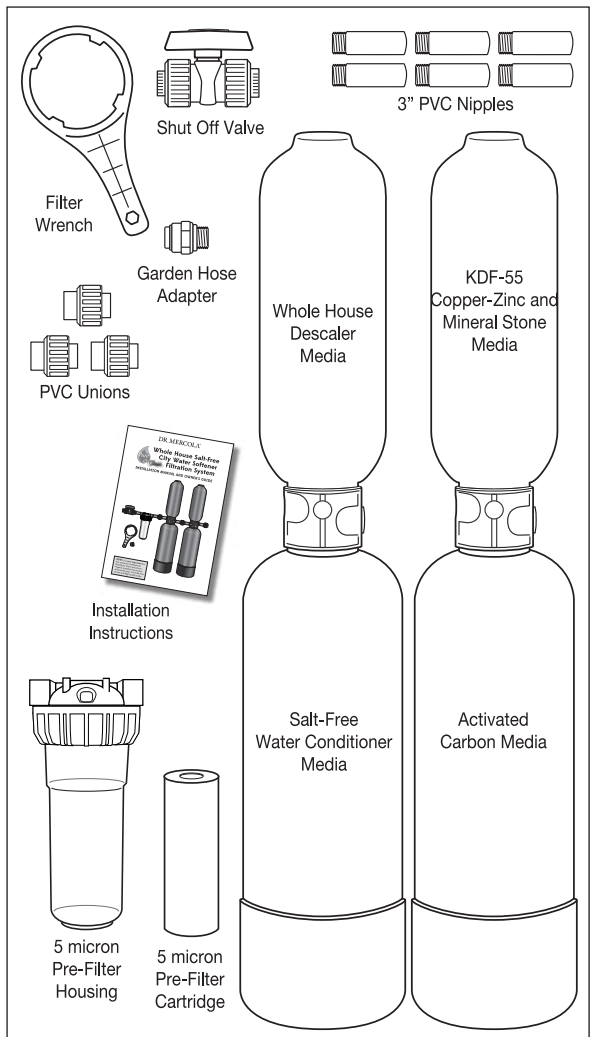
- 1 - KDF-55 Copper-Zinc and Mineral Stone Media
- 1 - Activated Carbon Media
- 1 - Whole House Descaler Media
- 1 - Whole House Water Softener Media

Installation Kit

- 1 - Installation Instructions
- 1 - 5 micron Pre-Filter Housing
- 1 - 5 micron Pre-Filter Cartridge
- 1 - Filter Wrench
- 6 - 3" PVC Nipples
- 1 - Shut Off Valve
- 3 - PVC Unions

Garden Hose Adapter

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



Installation

1. KEEP THE UNIT IN AN UPRIGHT POSITION AT ALL TIMES.

- Remove the red shipping caps from the inlet & outlet ports on the main housing.
- 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 medium bed is by **Surge Flushing**. (see Fig 1)

- 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.

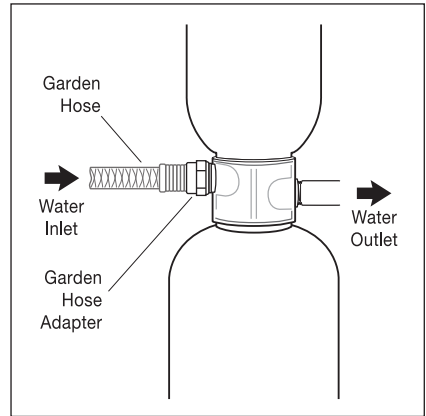


Figure 1

- Once the unit has been properly flushed, ensure the white washers are properly set inside the inlet and outlet ports.
 - Disconnect it from the garden hose and position it for final installation.
- Turn off the main water source. Install the unit to the main water supply (see Fig 2) using the supplied components. Do not over tighten fittings, as this may cause leakage and cause fittings to break.
 - NOTE:** The inlet piping assembly (valve, pre-filter, post-filter, union and nipples) must be firmly braced and supported.
 - Once installation is complete, slowly turn your home's main water supply on and inspect for leaks.
 - 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.

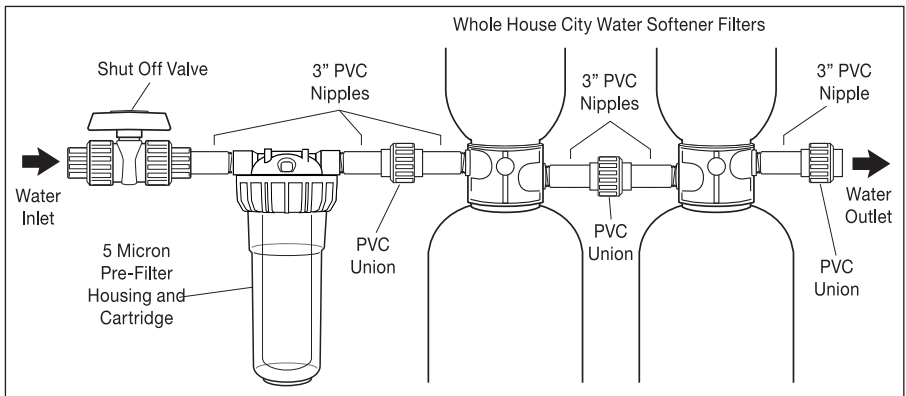


Figure 2

FOR HOUSEHOLD USE ONLY

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