



Installation and Start-Up Procedures For Non-Electric Whole House Filters

Safety Zone Whole House Filters

Our non-electric models do not require an electrical power source and do not require a drain.

*Catalytic Granular
Activated Carbon
Filter Media.*



Granular Activated Carbon

One spoon full has the surface area of a football field. Works through adsorption, so more surface area extends filter life.



KDF Filter Cubes

KDF filter media is added to “enhance” performance as a pre-filter to the carbon, remove or reduce heavy metals and prevent the carbon bed from fouling.

Filters remove and reduce Chlorine, Chloramines, chemicals, tastes, odors and heavy metals.

Congratulations!

You’ve selected our top-selling city water filter for high performance and economy.

Safety Zone non-electric whole house filters are designed to provide years of service with proper care and maintenance.

Hopefully, this manual will be beneficial and provide information you need to install, start-up and maintain your system.

Specifications

Valve type	In / Out head
Valve size	1”
Pipe fittings available	¾”, 1”, 1.25” and 1.5”
Riser tube size	1.05”
Filtration media	Catalytic activated carbon
Additional treatment	KDF-55 filter cubes
By-pass valve	Included

To view our valve manuals visit www.safetyzonewater.com

Non-Electric Whole House Filter Installation Overview

General: When installing a water softener and a filter together, always install the filter first. Be sure to test the water since you will need this information to properly program the control valve.



Installation

Follow all plumbing codes. Shut off water supply to the house and open faucets to drain down the system. Next, proceed as follows:

1. Install filter on the main water line before the water heater.
2. Install a pressure release valve if pressure may exceed 125 psi.
3. Do not install filter where temperature exceeds or is below limits (40° - 110° F)

Start-Up

1. Supply water to the filter (valves closed).
2. Open a faucet (laundry room sink or hose bib).
3. Slowly open the inlet valve of the filter.
4. Allow the filter tank to fill (slowly).
5. Slowly open valve on the outlet side of the filter.
6. **Allow the filter to flush until the water runs clear. (Black carbon fines during flushing is normal.)**
7. When the water is clear, shut off the faucet opened earlier.



Filters come with by-pass valves.



Note: A hose bib may be installed after the filter to properly rinse the carbon prior to use.

Water test

It is essential to complete a water test.

Check the following parameters:

- Hardness
- pH
- Chlorine
- TDS



Customer orientation

It is important to provide customers with an initial orientation. This should include how the system works and when media replacement will be necessary.

Warranty

Signature Series Safety Zone Water Systems come with a limited warranty. Five years for valves, and ten years for tanks. Activated carbon and filter media come with a quality guarantee only. See warranty card or go to www.safetyzonewater.com for full details.