



GREENFIELD
WATER SOLUTIONS

City Guard Structured Water Filter



This City Guard configuration may vary with each installation

IMPORTANT!
READ THIS ENTIRE BOOKLET BEFORE COMMENCING
WITH INSTALLATION

INTRODUCTION

Congratulations on your purchase of the City Guard Structured Water Filter. Greenfield Water Solutions strives to bring you the best in a whole house water filtration system. You and your family will now enjoy structured, energized, filtered, mineralized water from every tap in the house.

SPECIFICATIONS

- Main Filter Housing dimensions: 24”w x 34”h
- Add-on Components: Spin Down Sediment Filter, Copper Vortexer, optional NS1 descaler
- Working pressures: up to 70 psi
- Flow: Up to 20 gpm
- Spin down sediment filter level: 50/1 micron
- Operating Temperature: Cold water supply line only

UNPACKING

Thoroughly inspect all boxes to ensure there is no physical damage and all parts are included. Immediately report missing or damaged parts to Greenfield Water at 323-510-8475.

Parts List

Box 1: Spin down filter / auto flush with batteries, hose and batteries



Box 1: White metal filter bracket, three 4.5 x 20 filters, Copper Vortexer /copper clamps, flex hose to attach Copper Vortexer to outlet of filter housing. Optional: NS1 descaler



Box 1: Screws for filter housing bracket, drain valves for each filter sump, 3/4" x 1" reducer coupler for inlet/outlet, teflon tape.



Box 2: Three Stage Filter Housing

ASSEMBLY AND INSTALLATION

Instruction manuals are included with each component:

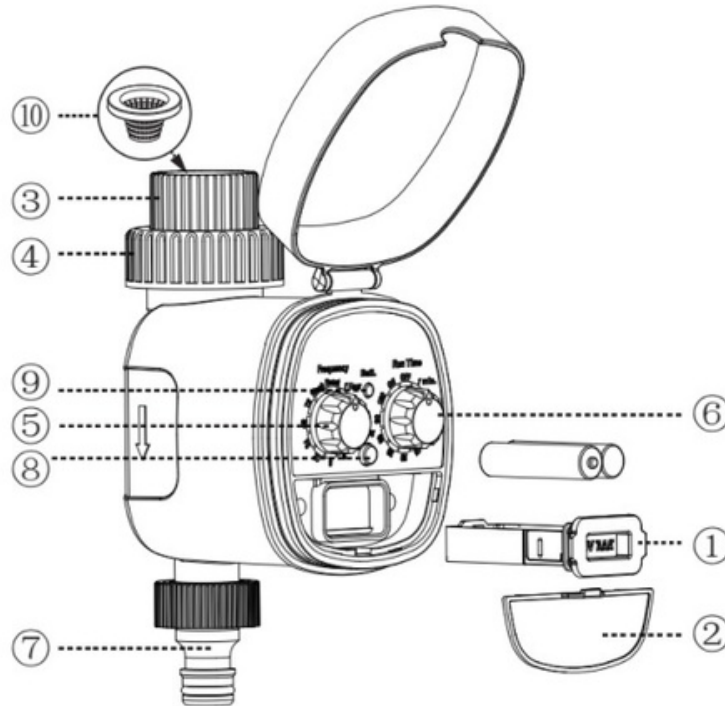
- **Spin Down Sediment Filter /Auto Flush Valve** are pre-assembled
- **Three Stage Filter Housing** will attach to metal bracket
- **Copper Vortexer** will sit on top of filter housing bracket
- **NS1 Descaler** will attach last directly to the Copper Vortexer
- **LSX Descale Cartridge** will occupy 4th filter housing

The City Guard filtration system should be installed in the most appropriate location (close to a drain). In lieu of a drain a five gallon bucket can be used to manually flush the spin down sediment filter which is installed before the 3 stage filter array.

Refer to assembly and operational instructions specific to each water treatment component for further information about each component.

Auto Flush Valve Instructions

TIMER FEATURES



1. Battery compartment

2. Battery compartment cover - Slide out battery compartment and insert 2 AAA alkaline batteries. **DO NOT USE RECHARGEABLE BATTERIES.** Test the timer by turning the Run Time knob to ON position. You should hear the sound of the motor within 10 seconds. If you don't hear the sound, check to ensure batteries are properly installed. Turn Run Time to OFF position before connecting to filter housing.

3. Attaches to the Shut Off valve - leave valve in the open position when connected to the Auto Flush valve.

4. Collar ring - attaches Shut Off valve to timer. Tighten only by hand.

5. Frequency knob - Determines how often the timer will flush water. **Set knob to the 'asterisk' position which will program the timer to flush water once weekly.**

6. Run Time knob - Determines how long the times will flush water. **Set the Run Time knob to the '1min' position which will program the timer to flush water for one minute.**

7. Male snap-on connector - Connects vinyl hose to the bottom of the timer using stainless clamp.

8. Delay button - not applicable

9. Led indicator - Steady on. Replace batteries if Led light flashes quaky or steadily.

10. Filter screen - traps dirt to prolong life of timer. Clean filter regularly.

Auto Flush Install Instructions

- Install two AAA batteries into the auto flush valve and set the Frequency dial to the 'week' position (denoted as an asterisk *) and 'Run Time' dial to the '1 min' position. The auto flush water timer is now set to flush the spin down sediment filter once a week for one minute.
- Additional tubing, (3/4"od x 5/8"id) may be required to reach your drain.
- The spin down filter can drain into a floor or wall drain, an outside location or a 5 gallon bucket
- Securely fix the tubing sufficiently down into the drain to avoid blowback of water. The tubing must be secured in place or upon charging the system the hose will come loose.

For Manual Operation

- If no drain is available, a manual flush will need to be done as needed or monthly directly into a five gallon bucket.
- Initiate the sediment filter flush by activating the manual mode from off to on.
- During normal operation, keep the AquaFlush dial in the off position.



For installation or operation questions please contact tech support:

Call 323-510-8475 or text 208-596-6858