



GW5 STRUCTURED WATER FILTER INSTALL GUIDE

Step 1 - Inventory Parts Received

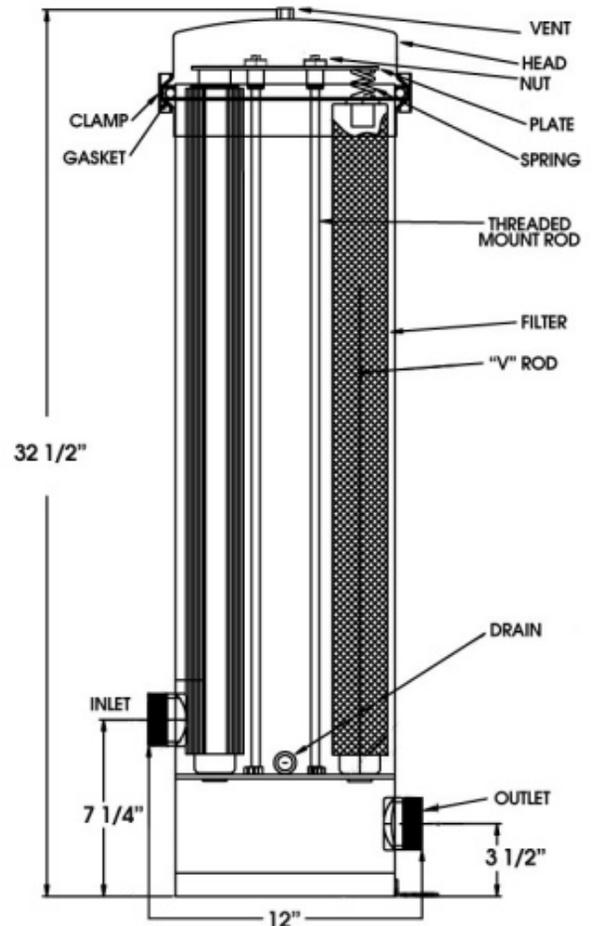
1. Stainless steel multi-round filter housing with loose parts and filters inside housing.
 - 5 spring caps
 - Threaded three way with bleeder valve and pressure gauge
 - Threaded plug extra hole
 - Threaded drain spigot
 - V-posts
 - Threaded rod
 - Flat round metal interior plate
 - Five AquaMetix filters

Step 2 - Determine location to install MR housing

1. Place unit in a location proximal to main water supply line where it will be permanently installed.
2. The multi-round housing is outfitted with 1" inlet and outlet pipe threads. If your water line is 3/4", insure you have two appropriate reducer couplers to attach to your water supply.

Step 3 - Remove parts from multi-round filter housing

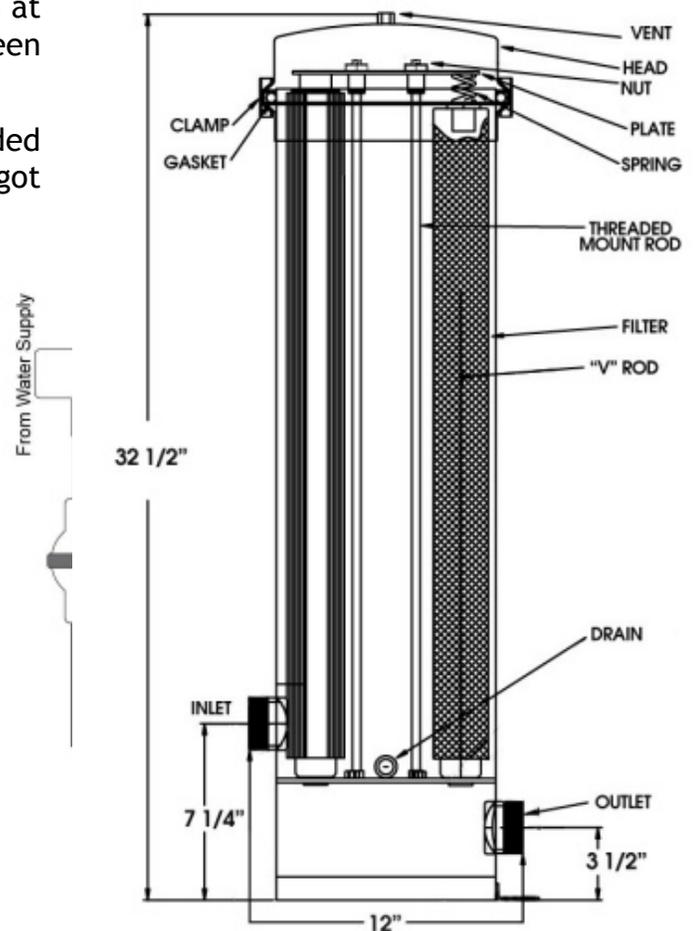
1. Remove lid from housing, spring caps, hose bib and bleeder valve with pressure gauge.
2. Remove round plate held in place by a wing nut and washer.
3. Ensure v-posts are securely inserted securely into each filter housing base and that center rod is screwed securely in place.



4. The structuring and energizing apparatus is pre-installed. This consists of a vortex flow tube and a Harmonizer cartridge.
5. Remove plastic wrapping from AquaMetix filters and confirm black rubber gaskets are in place on both ends of each filter.
6. Carefully slide AquaMetix filter cartridges onto v-posts. Do not use excessive force to avoid damage to filter cartridges. All filters should be securely seated.
7. Insert spring loaded caps onto the top end cap of each filter. Solid end of spring loaded cap is designed to fit inside the top end of each AquaMetix filter to hold it in place and to create a water tight seal.
8. Replace round top plate, aligning holes with the spring caps and tighten securely with wing nut.
9. Check MR housing gasket to ensure it is not damaged and in place before attaching lid.
11. Align and attach the lid and secure with t-clamp. Tighten clamp hand tight while repeatedly and lightly tapping the full circumference of the bracket with a wood block or rubber mallet and then use a wrench on the wing nut to tighten securely. (see video on website video page for a visual).
10. Securely screw threaded three way w/pressure gauge and bleeder valve into place onto lid of housing. Screw the 1/2" NPT 1/4 turn hose bib at the bottom of the tank. (Teflon tape has been applied. As an option also apply pipe sealant).
11. Screw drain plug and spigot into threaded openings at bottom of the housing. Close spigot before turning on water.

Step 4 - Connecting to main water supply line

1. Shut off main water supply valve
2. Insure water shut-off valves are installed before and after filter housing inlet and outlet and a bypass line should also be installed into your water supply.
3. After the water supply line have been attached to the inlet and outlet, have towel available and open the bleeder valve on lid and slowly fill with water shutting off the bleeder valve only after all air has been expelled from the housing



and a steady stream of water is flowing out of the bleeder valve.

4. Shut off water supply and allow 20 minutes for filters to saturate with water.
5. After 20 minutes, run water for 10 minutes to flush out filter residue.
6. Check for leaks.
7. Congratulations! Your MR5 Structured Water Filter is now operational.

INSTRUCTIONS FOR ANNUAL FILTER REPLACEMENT

1. Close water supply inlet and outlet valves.
2. Open spigot at base of the filter housing using a garden hose and bucket to capture water. Drain just enough water to insure water doesn't slosh over the housing water when removing filter cartridges.
3. Loosen cover clamp nut and remove T-bolt from retainer ring. Remove cover clamp and lid. *(Do not attempt to remove cover without first releasing pressure from the housing).*
4. Remove wing nut holding top plate which holds the filters in place.
5. Have a plastic 5 gallon bucket available for spent filters. Remove all spent cartridges and carefully install new filter cartridges insuring rubber gaskets are in place.
7. Align and attach the lid and secure with t-clamp. Tighten clamp hand tight while repeatedly and lightly tapping the full circumference of the bracket with a wood block or rubber mallet and then use a wrench on the wing nut to tighten securely. (see video on website video page for a visual).
8. Open inlet valve slowly. Have towel available and keep bleeder open until a steady stream of liquid comes out of vent. Close bleeder valve. Check for leaks. If leaks appear, close inlet valve, relieve pressure by opening drain and repeat steps above.

INSTALL WARNING: Do not connect copper fittings directly to stainless steel fittings as this will promote corrosion. Use brass, PVC or poly fittings in lieu of copper when connecting to the multi-round stainless steel housing.

TROUBLE SHOOTING TIPS

PRESSURE GAUGE ATTACHMENT - Ensure it is screwed in all the way to prevent leaking.

GASKET - Ensure gasket is free of debris before attaching lid.

ATTACHING LID CLAMP - Use your palm or a rubber mallet to tap out any slack from back to front on both sides. This should be done 2-3 times while tightening the clamp. After having tightened the clamp securely without the aid of a wrench, use a wrench to tighten until clamp ends are almost touching.

For questions please text Greenfield Water Tech Support at: 208-596-6858