



Whole House Water Filter Cartridge Replacement Instructions

Applied Membranes Whole House Water Filters are designed to be run for approximately 6 months (or their rated gallons) depending on incoming water quality and operating conditions. Applied Membranes Water Filters are equipped with in-and-out pressure gauges. If the pressure drop is 25 psi or higher, service is recommended. Depending on your feed water quality, the first sediment filter may need to be changed more frequently than the rest.



Filter Replacement Instructions:

- Step 1. Turn off the water supply to the system.
- Step 2. Open the nearest faucet until the flow stops to depressurize your plumbing, then close the faucet once the flow stops.
- Step 3. Using the Filter wrench provided with the system, unscrew the filter housing sump from the cap by twisting in a counter-clockwise motion.
- Step 4. Remove the old filter cartridges and throw them away.
- Step 5. Clean inside of all housings with a mild soap solution or 1 tablespoon of household bleach diluted in one gallon of warm water. Rinse well with water.
- Step 6. Inspect the housing o-rings to ensure they are free of damage (replace if necessary). Using a food grade silicone-based lubricant, lubricate the o-ring and replace it in the filter housing. Make sure the o-ring is seated properly.
- Step 7. Insert the new filters into the appropriate housings, making sure the filter is correctly positioned and aligned. **Note: The carbon block and sediment filter cartridges do not have a specific top or bottom and can be installed with either end facing up. The special purpose filters with plastic caps must be installed with the gasket-side facing the top of the system.*
- Step 8. Reinstall the filter housing sump onto the housing cap. Hand tighten the filter housing by twisting the housing in a clockwise motion. Use the filter housing wrench to give another ¼ to ½ turn – being careful not to over-tighten. Repeat this step with all filter housings.
- Step 9. Once all the filters have been replaced and the housings are tightened in place, you may turn on the water supply to the system. Turn the valve slowly to avoid water hammer. Check the system for leaks as it fills with water. If you discover any leaks, turn the water off, inspect the connections, tighten as needed, and try again.
- Step 10. Flush your new filters by turning on the closes cold water faucet. The flush water may show dark carbon fines or cloudiness as the loose particles and air are flushed out of the system. Run water until it is clear, then run for an additional 5 minutes to flush the filters.

Your System is Now Ready for Use.



Important
Notice

The above instructions are written for Applied Membranes brand Whole House Systems. Most industry-standard systems are similar in setup and will have similar instructions. If using replacements for a different system, please refer to the owner's manual for instructions.

Ensure all seals and plumbing connections are seated properly and free from damage. Misaligned, damaged, twisted, or warped seals may cause leaks. Manufacturer is not responsible for damages incurred through improper use of these products or instructions.

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Whole House Water Filter Replacements List

Filters are available for purchase in kits, or individually.

System Part #	Filter Pack	Individual Filters	Filter Life
FA-320BB-5CC-1 Sediment + Carbon Filter 3-Stage 20" Big Blue	RFK-320BB-5CC	Sediment: H-F20BB05CF	3-6 Months
		Carbon: H-F4220AC	6 Months
		HP Carbon: H-F4220AC-HP	240,000 Gallons
FA-310BB-5CC-1 Sediment + Carbon Filter 3-Stage 10" Big Blue	RFK-310BB-5CC	Sediment: H-F10BB05CF	3-6 Months
		Carbon: H-F4210AC	3-6 Months
		HP Carbon: H-F4210AC-HP	120,000 Gallons
FA-220BB-5C-1 Sediment + Carbon Filter 2-Stage 20" Big Blue	RFK-220BB-5C	Sediment: H-F20BB05CF	3-6 Months
		HP Carbon: H-F4220AC-HP	240,000 Gallons
FA-210BB-5C-1 Sediment + Carbon Filter 2-Stage 10" Big Blue	RFK-210BB-5C	Sediment: H-F10BB05CF	3-6 Months
		HP Carbon: H-F4210AC-HP	120,000 Gallons
FA-220BB-51-1 Fine Sediment Filter 2-Stage 20" Big Blue	RFK-220BB-51	5 Micron: H-F20BB05CF	3-6 Months
		1 Micron: H-F20BB01CF	3-6 Months
FA-210BB-51-1 Fine Sediment Filter 2-Stage 10" Big Blue	RFK-210BB-51	5 Micron: H-F10BB05CF	3-6 Months
		1 Micron: H-F10BB01CF	3-6 Months
FA-320BB-5CI-1 Iron Reduction (+sediment+carbon) 3-Stage 20" Big Blue	RFK-320BB-5CI	Sediment: H-F20BB05CF	3-6 Months
		Iron Filter: C-C4220-I	50,000 gallons @ 3ppm Iron
		HP Carbon: H-F4220AC-HP	240,000 Gallons
FA-210BB-CI-1 Iron Reduction (+carbon) 2-Stage 10" Big Blue	RFK-210BB-CI	Iron Filter: C-C4210-I	30,000 gallons @ 3ppm Iron
		HP Carbon: H-F4210AC-HP	120,000 Gallons
FA-320BB-5CPB-1 Iron Reduction (+sediment+carbon) 3-Stage 20" Big Blue	RFK-320BB-5CPB	Sediment: H-F20BB05CF	3-6 Months
		Lead/Carbon: H-F4220AC-PB	25,500 Gallons
		Dissolved Lead: C-C4220-PB	150,000 gallons @ 10ppb Lead
FA-310BB-5CPB-1 Iron Reduction (+sediment+carbon) 3-Stage 10" Big Blue	RFK-310BB-5CPB	Sediment: H-F10BB05CF	3-6 Months
		Lead/Carbon: H-F4210AC-PB	12,000 Gallons
		Dissolved Lead: C-C4210-PB	80,000 gallons @ 10ppb Lead
FA-320BB-5CK-1 Heavy Metals (+sediment+carbon) 3-Stage 20" Big Blue	RFK-320BB-5CK	Sediment: H-F20BB05CF	3-6 Months
		HP Carbon: H-F4220AC-HP	240,000 Gallons
		Heavy Metals: C-C4220-K	100,000 Gallons

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