



Aquasource Replacement Filter

CB20HC-LSI | Limescale Inhibiting &
Chlorine Taste and Odor Filter

About the CB20HC-LSI Limescale Inhibiting and Chlorine Taste and Odor Filter

- Thank you for your purchase of Multipure's CB20HC-LSI Filter Cartridge. When used with the Multipure Aquasource, TO15000 or TO30000 Whole House Water Treatment System, the CB20HC-LSI effectively reduces the presence of limescale, dirt, rust, sand, algae, and chlorine, improving the smell, taste, and overall quality of water for bathing, showering, and all other household water needs.
- The CB20HC-LSI Filter Cartridge is designed for use only with the Multipure Aquasource TO15000 or TO30000 Whole House Water Treatment System.
- The Multipure CB20HC-LSI Filter Cartridge is disposable, clean, and easy to change.
- If you have any questions or concerns about this product, please contact our Customer Service Department by phone at 702.360.8880 or by email at customer care@multipure.com.

Specifications

Model Name:	CB20HC-LSI
Approximate Filter Capacity:	33,000 gallons per cartridge*
Approximate Flow Rate @60 psi:	10-12 gpm with 3 filters in Aquasource housing
Filter Cartridge Size (each):	20" h x 4.75" d
Filter Cartridge Weight (each):	6 lbs
Working Pressure Range:	30 psi (2.1 kg/cm ²) to 100 psi (7.0 kg/cm ²)
Operating Temperature Range:	32° F (0° C) to 100° F (38° C) – for cold water use only

*Filter capacity rated for chlorine reduction. The life of the filter cartridge varies depending on the amount of water used and the level of particulate matter in the water processed. Multipure recommends replacing the filter cartridges at an interval of every 6-12 months.

Remove the Used Filter Cartridges

NOTE: The following instructions pertain to the Aquasource Whole House System. For additional information, or for instructions pertaining to the TO15000 or TO30000 Whole House Systems, please refer to the instructions provided with the relevant system.

1. Locate the main water supply line for the house. Locate the main water supply shutoff valve and rotate it counter-clockwise to close the water supply to the house.
2. Close all of the faucets in the house to avoid back flow of water.
3. Relieve air pressure from the housing by rotating the air vent valve nut (located on top of the housing lid) counterclockwise until it is removed.
4. Attach a garden hose to the flushing hose bib faucet and open the faucet to flush the system.
5. Allow water to flow through the Aquasource and out through the flushing hose. This will drain the water from the system housing.
6. Close the flushing hose bib faucet. Check all connections for any possible leaks.

7. Turn each of the I-bolts counter-clockwise to loosen (use a screwdriver, pliers, or other tool for leverage, if necessary). Pull the I-bolts up and away from the housing lid, and then turn them so that each I-bolt rests against the side of the housing bottom.
8. Carefully lift the housing lid up off of the housing bottom and set aside.
9. Turn the nut on the retention plate counter-clockwise to remove. Remove the plate and set it and the nut aside.
10. Carefully remove each of the used filter cartridges from the system housing. Allow them to dry for 24-48 hours before disposal in normal refuse.

Install the New Filter Cartridges

1. **Remove** the plastic wrapper and instruction wrap from around the new filter cartridges.
2. Inspect each filter cartridge to make sure that all three have two (2) black O-rings properly seated in grooves on the nipple, and one (1) white gasket seated at the base of the filter nipple.
3. Install each filter cartridge inside the system housing, one at a time:
 - a. Insert each filter cartridge, nipple-side down, into one of the 3 receptor holes located inside the bottom of the Aquasource housing.
 - b. Make sure that all 3 cartridges are fully inserted, and that the white gasket around the filter cartridge nipple is in complete contact with the receptor hole.

NOTE: All 3 filter cartridges must be used for proper function of the Aquasource. Failure to properly insert all 3 filter cartridges may result in water bypassing the filters and passing through the Aquasource unfiltered.

4. Align the filter retention plate so that the connecting rod fits through the center hole of the plate. Place the retention plate nut over the connecting rod and rotate clockwise to securely tighten the retention plate over the 3 filter cartridges.
5. Inspect the flat opening surface at the top of the housing bottom. Make sure that the silicone gasket there is undamaged and properly seated in the recessed groove.
6. Carefully place the housing lid on top of the housing bottom. Secure with the 8 I-bolts, turning each clockwise to tighten.
7. Close the shutoff valve connected to the flushing hose bib faucet (after the Aquasource but before the water enters the house).
8. Open the main water supply shutoff valve. Check for any possible leaks.
9. Purge the air from the Aquasource.
 - a. Locate the air vent valve on top of the Aquasource housing lid.
 - b. Once a steady stream of water escapes from the air vent valve, replace the air vent valve nut and turn clockwise to tighten.
10. Open the flushing hose bib faucet to flush the system.
11. Allow water to flow through the Aquasource and out through the flushing hose for approximately 5-10 minutes. This will flush any carbon dust and debris from the pipes.
12. Close the flushing hose bib faucet. Check all connections for any possible leaks.
13. Open the shutoff valve connected to the flushing hose bib faucet. Water can now flow through the Aquasource and into the house.