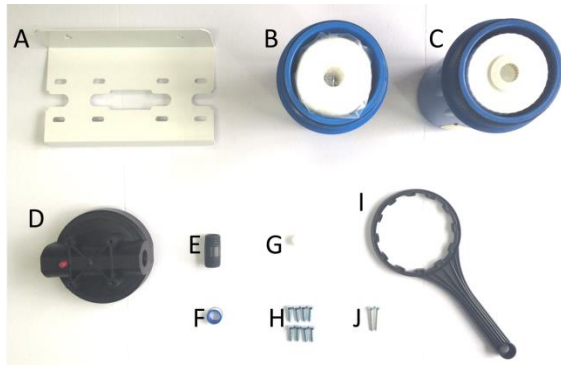




LSX System

Installation, Use & Care Guide



Parts Included

- A. Double Mounting Bracket
- B. 10" Housing w/ Sediment Filter
- C. 20" Housing w/ Limescale Filter
- D. 2 Housing Lids (1 shown)
- E. 1 Connection Nipple
- F. Teflon® Tape
- G. Silicone Grease
- H. 8 Lag Bolts
- I. Housing Wrench
- J. 2 Wall Mount Screws

Tools & Parts Needed

- Level
- Pencil
- 1/2" Nut Driver
- 7/16" Nut Driver
- Adapters from home pipe size to 1"

Installation Requirements

- Install the system on main water line entering your location to treat the water for all outlets. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Install in a location that is not susceptible to freezing temperatures as damage to the housings can occur. Install away from direct sunlight as prolonged exposure to ultra violet light can weaken plastic components.
- System dimensions are 27"h x 13" w x 9" d.
- The system needs to be mounted to a solid surface for use and safety.
- If your water pressure exceeds 70 psi, a pressure regulator must be installed and set at 70 psi or less.
- An optional bypass with additional shutoff valve(s) is recommended for convenience when changing your filters or needing to preserve filter life when using outdoor irrigation.

SEE INSTRUCTIONS ON PAGE 4

Fill out the enclosed warranty card and mail. Your serial number is located on underside of the mounting bracket and on the box. If you include your email on the warranty card, you will receive filter replacement reminders. Make note of your installation date and record your filter replacement dates for your

To re-order Filters, visit www.hydrocareusa.com or call 888-234-9376.
For service or installation questions please call Hydrocare Service 888-963-6178

Installation Instructions

Use your mounting bracket, pencil and level to locate and mark your two wall mount locations. Unthread the housing lids from the housings and line them up from inlet to outlet, keeping the red pressure release buttons all on the same side, right or left (See Figure 1). The system can be set up left to right or right to left depending on the direction of the water's flow path. Use the Teflon® Tape provided to wrap each end of the nipple in a clockwise direction overlapping the tape 5 to 6 times (See Figure 2). Thread the taped Nipple into the housing lids until tight (See Figure 1). Mount the housing lids to the bracket with the lag bolts provided (See Figure 3). Mount the bracket to your marked location using the wall mount screws provided.

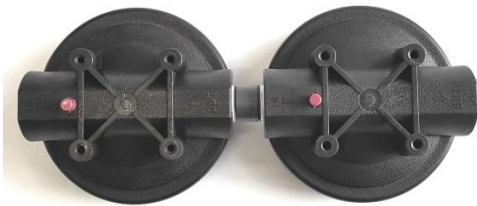


Figure 1



Figure 2



Figure 3

Connection Instructions

1. Installation of water shutoff valve at the unit is recommended for filter changes and for emergency shut off of water.
2. Turn off water supply. Turning off your water heater is recommended.
3. Release water pressure by opening a faucet.
4. Attach water source to the inlet. Existing inlet pipe size smaller or greater than 1" will require an additional adapter.
5. Attach outlet. Existing outlet pipe size smaller or greater than 1" will require an additional adapter.
6. Remove the plastic wrappings from the filters and place in the housings from inlet to outlet. The Sediment Filter needs to be on the Inlet side and the Full Flow Filter needs to be on the Outlet side.
7. Using your finger, lubricate the surface of the o-ring on each housing with silicone grease provided in caps (See Figure 4).
NOTE: *This step is important to ensure a proper housing seal.*
8. Thread each housing onto its lid and hand-tighten. Use wrench to make snug.
9. Close the open faucet. You may now turn your water on. Go slowly and check for leaks.
10. Turn your water heater on.



Figure 4



Filter Replacement Guide

- If pressure loss is noticed, the Sediment Filter may need to be replaced.
- Changes in the solubility or scale deposit build-up in the water indicates it is time to change the Limescale Filter.

Filter Replacement Instructions

1. Turn off water supply or use bypass.
2. Open a cold water faucet until water stops running. Leave faucet open.
3. Press red pressure-relief buttons on top of each filter housing.
4. Place a water receptacle under the unit. ie. A bucket or a pan.
5. Use filter wrench, turning wrench to the left, to unscrew housing from lid (See Figure 1). Please note that they will weigh approximately 6-12 lbs. each.
6. Remove bottom of housings by lowering straight down.
7. Remove used filters from housings by placing your thumb in the center and your fingers on the outside of the insert (See Figure 2).
8. Empty the water into your receptacle.
9. Use a blunt edge. ie. butter knife or flathead screwdriver to remove large o-rings and wipe clean.
10. Use your finger to liberally apply additional silicone grease provided to the surface of each o-ring. (See Figure 3).

NOTE: *This step is important to ensure a proper housing seal. Silicone is packaged in the small black plastic jar.*

11. Unpack the new filters and remove the plastic.
12. Insert the new filters into the housings top up. The top is where the grommet is.
13. The housings and their filters need to remain in line with your bracket, 1 through 3, inlet to outlet.
14. Place housings, one at a time, level up to housing lids. Turn them to the right and hand tighten.
15. Use filter wrench until snug.
16. Slowly turn your main water feedback on until water returns to your open faucet.
17. Check for leaks.
18. If you do have a leak or a drip, repeat steps for applying silicon.



Figure 1



Figure 2



Figure 3

Optional By-Pass Illustration

BY-PASS MAY BE ASSEMBLED TWO WAYS FOR YOUR INSTALL

The pictures below demonstrate how to install a by-pass for your water filtration system. This helps to extend the filter life if you have an irrigation system that is not separated from the main household water line or have other water needs that do not require treated water. For further questions or to inquire about an automatic valve system that can be timed with your irrigation needs - contact HYDROCARE SERVICE at 888-967-9283.

