



TASTE & FEEL THE DIFFERENCE™

**Ultimate Protection Package —
4140LE**

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WELCOME TO THE LIFESOURCE FAMILY

LifeSource Water Is A Company You Can Depend On

It is our mission to improve peoples' lives by providing filtered and conditioned water to every home conveniently, honestly and reliably through high quality filtration products.

Our Promise To You

LifeSource Water has been a family owned and operated company since 1984. We are proud to have produced the very first salt-free, Whole House Water System and continue to manufacture the highest quality water filtration products. We pride ourselves in making quality water easy for our customers. Our customer care team is here to help ensure the water coming out of every tap and shower in your home is always clean, healthy and tastes great.

"Thank you for joining us in reducing plastic bottle and water waste. We're happy to be part of your family."



A handwritten signature in black ink, appearing to read 'Carol Z'.

President of LifeSource Water



LIFESOURCE PLATINUM PROTECTION

Be worry-free for 10 years

Our extended warranty provides system protection and quality service.¹

Enhanced Referral Program

Receive \$400 for each referral that purchases a LifeSource system and they will receive a \$100 discount.

Free Replacement Parts

We replace your bypass valves and seals if irregular wear and tear or deterioration occur.

Discounted Replacement Pricing

10% discount plus free installation on both ScaleSolver and ApaPure.

- ScaleSolver must be replaced every 5 years
- ApaPure must be replaced every 2 years

Free 5 Point Inspection

Ensure optimal performance with a 5 Point Inspection.²

5 POINT INSPECTION

Our factory service technician will:

- ✓ Perform a full manual system rinse cycle.
- ✓ Inspect all seals.
- ✓ Check electrical outlet and timer.
- ✓ Inspect bypass valve.
- ✓ Test water quality from 2 areas in the home.

Quality You Can Taste from a Company You Can Trust

¹Standard warranty only covers tank for 10 years and valves for 3 years. ²Customer must call and schedule service. Limited to one free inspection. Additional service visits will require a service fee.



PAY IT FORWARD | GET REWARDED

Do you love having clean, filtered water from every tap?

Tell a friend and earn extra cash! When anyone you refer purchases a LifeSource Whole House Water System, you receive \$100 and they get a \$100 discount on their new system!

Earn \$400 for each referral when you join our Platinum Protection Program.



Refer a friend today and earn at LifeSourceWater.com



A NOTE TO YOUR PLUMBER

This page includes tips and important reminders. We recommend customers share this page with outside plumbers doing work in the home. The following information will ensure that your LifeSource service is not interrupted.

Important Reminders

- Unit must be placed in bypass before servicing plumbing system.
- **This system requires the fabrication of a 3-way valve bypass.** This allows the system to easily switch to bypass if service or relocation is necessary.
- A dual-union ball-valve is used on the inlet and outlet to isolate the tank for servicing.
- **The ScaleSolver® unit operates in an UPFLOW mode** which is opposite of a conventional water softener. Both the inlet and outlet are clearly marked on the tank. **THE SYSTEM WILL FAIL AND WARRANTY WILL BE VOIDED IF INSTALLED INCORRECTLY.**
- The ScaleSolver unit with PowerTAC is recommended by most tankless water heater manufacturers.
- Install using schedule 80 nipples and stainless steel flex lines for inlet and outlet.



In BYPASS Position

Figure 1



In SERVICE Position

Figure 2

ULTIMATE PROTECTION PACKAGE | 4140

The LifeSource Whole-House Water System Specifications - Includes 4140LE Estate Water Filter, 6633 ScaleSolver and three ApaPure12 Disinfection Units

4140LE Estate Water Filter

Inlet Connection:	2"
Outlet Connection:	2"
Dimensions:	16" x 76.5"
Flow Rate Tested At:	15 gpm
Max. Flow Rate:	85 gpm
Regulated Pressure:	40 - 100 psi

6633 ScaleSolver®

Inlet Connection:	2" PVC Union w/ Socket
Outlet Connection:	2" PVC Socket
Dimensions:	12" x 56.5"
Flow Rate Tested At:	20 gpm
Max. Flow Rate:	30 gpm
Regulated Pressure:	40 - 100 psi

ApaPure12™ Disinfection

Inlet:	1" NPT
Outlet:	1" NPT
Dimensions:	10" x 3"
Flow Rate:	12 gpm/36 gpm (3 units)
Installation Space:	20" on cold water main
Regulated Pressure:	20 - 125 psi
Temperature:	40°F - 100°F (Min-Max.)



4140LE Estate Water Filter Certification: ANSI/NSF-42 tested and certified for a filtration capacity of 5,704,000 gallons of water by the International Association of Plumbing and Mechanical Officials (IAPMO).

ApaPure12 Certification: NSF – 42 Residual Drinking Water Treatment Standards, NSF – 61 Drinking Water System Components & Ministry Of Health China (MOH).

ApaPure12*: Systems that require a 2" valve or higher require multiple ApaPure12 units.

4140LE Estate Water Filter Power Requirement: One standard 110v electrical outlet within 5' of system or a wired 24v transformer for a more distant electrical outlet.

*In areas where outside temperatures are less than 32°F for an extended period of time, insulation is required.



QUICK FACTS

The LifeSource Ultimate Protection Package includes the LifeSource Estate Carbon Water Filter, the ScaleSolver and the ApaPure12. The system removes harmful chemicals, reduces scale build up and protects water appliances without using salt or additives. Water throughout your entire home is protected against viruses, spores and cysts.

4140LE Estate Water Filter

LifeSource Whole House Water Systems transform your tap water into clean, great tasting drinking water that flows from every faucet in your home. Our filters use a high grade, proprietary granular activated carbon and are NSF/ANSI tested and certified.

Filter Quick Facts

- LifeSource systems reduce the objectionable taste and odors of chlorine without adding anything to your water.
- LifeSource automatic rinse cycles clean out sediment in the carbon bed.
- LifeSource systems are environmentally friendly. The rinse water can be used to water a garden or flower bed so water isn't wasted.
- LifeSource systems are tested in an ANSI accredited laboratory by the International Association of Plumbing and Mechanical Officials (IAPMO) to NSF standards.

6633LE ScaleSolver®

LifeSource ScaleSolver with PowerTAC is a high efficiency Template Assisted Crystallization (TAC) scale prevention system for homes and businesses.

Your First 30-90 Days

Faucet aerator screens may clog occasionally as old scale is dislodged from your plumbing system and water heater.

QUICK FACTS

ScaleSolver® Quick Facts

- Provides scale reduction without using chemicals or salt.
- Does not add anything to water.
- Reduces existing buildup in pipes, fixtures and water heaters.
- No electricity & no wastewater - the ScaleSolver system is completely self-contained.
- Retains beneficial minerals for healthier drinking water .
- Improves the efficiency of water based appliances.
- Safe for landscaping and irrigation.

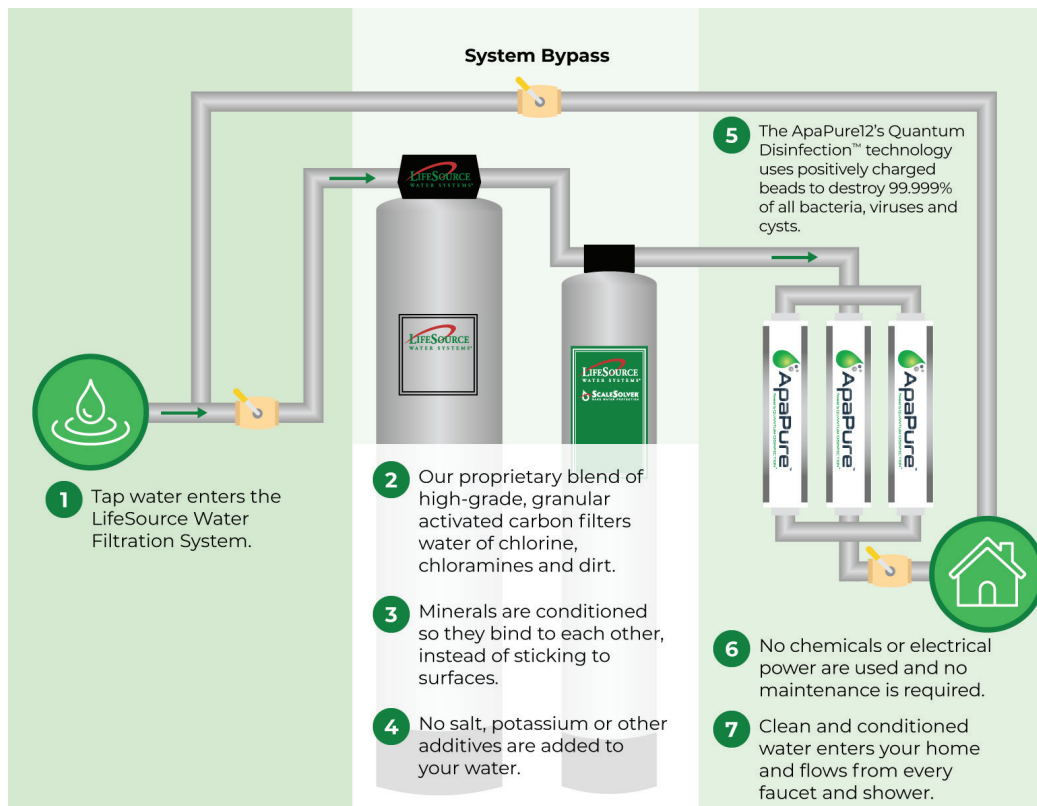
ApaPure12™

The LifeSource ApaPure12™ system is powered by the revolutionary Quantum Disinfection™ technology, and instantly destroys bacteria through catalytic electronic exchange. ApaPure12 kills 99.9999% of bacteria and viruses on contact.

ApaPure12™ Quick Facts

- ApaPure12 kills 99.9999% of bacteria and viruses on contact.
- No power. No chemicals. No maintenance.

Figure 3 - Water Loop Example



BEST PRACTICES | MAXIMIZING THE BENEFITS OF THE SCALESOLVER® SYSTEM

The ScaleSolver system will improve the properties of your water throughout the entire home. It's important to keep in mind that the ScaleSolver is not a water softener. Below are some things to expect and some recommendations that can maximize the benefits of the system. **Please also see our tips for Minimizing Mineral Spots.**

Sinks and Fixtures - Water spots will be reduced. If water is allowed to evaporate off a surface, small spots may be left behind. If wiped off frequently, water spots should not require any more than a wet cloth or sponge to remove. No harsh chemicals are needed. Within the first 30-90 days of having the ScaleSolver system installed, we recommend checking all faucet screens for excess scale particles.

Automatic Dishwasher - Water spots on dishes and on the surface of the dishwasher should be greatly reduced. We recommend immediately reducing the amount of dishwashing detergent after installation of your system. **For best results reduce soap usage by about 75%.** Using dishwashing detergents that are low in phosphates is better for the environment and reduces water spots. Sour salt* or **Lemi Shine®** can help reduce water spots and will aid the ScaleSolver in clearing scale buildup from dishwashers. **Dishwashing pods contain more than the optimal amount of soap per load and are not recommended.**

**Citric Acid (also known as "sour salt") is a natural acidic ingredient found in all citrus fruits. Sour Salt is the most effective, natural and inexpensive cleaning agent for mineral deposits.*

Washing Machines - Laundry will require less detergent. **For best results reduce soap usage by about 75%. Do not use detergent packs or pods.** Packs or pods will overwhelm your washing machine with excess soap, resulting in the excess soap remaining on clothes after the rinse cycle.

Glass Shower Doors and Tiles - Water spots will be reduced. When water evaporates off a surface, small spots may be left behind. These spots are easily removed with a damp cloth or sponge. **We suggest using a squeegee to wipe down shower doors immediately after each shower.**

In extreme hard water areas, treating the shower glass with **Rain-X®** glass cleaner will further reduce cleaning requirements. Rain-X® seals the pores in glass and promotes water sheeting off glass, preventing soap scum buildup. Simply buff on and off every two months for crystal clear shower doors.

Bath - Soaps and shampoos will lather more than with unconditioned water. Soaps and shampoos will also rinse off much easier without the slippery feel that is normally associated with soft water. We recommend using low phosphate soaps.

Water Heater - **We recommend draining water heaters at least 30-60 days after installation.** This is a good practice that can dramatically increase the life of water heaters. Once cleared, the ScaleSolver system will help keep the tank and other heating appliances scale-free and operating at peak efficiency.



Please see our tips to **Minimize Mineral Spots.**



MINIMIZING MINERAL SPOTS

Dishwashers - LifeSource systems retain nutrient minerals, which may result in limited spotting on glasses in dishwashers. Generally, Cascade Complete dishwasher detergent will resolve this issue (use $\frac{1}{2}$ of recommended amount). However, if you still have mineral spotting, try adding 1-2 tsp. of LemiShine or Sour Salt in the rinse cycle.



Do Not Use Pods

They contain more detergent than needed.

Fixtures & Chrome or Stainless Steel Surfaces - Buildup of water spots on chrome fixtures and stainless steel sinks are easy to remove with Bar Keepers Friend or Pledge stainless steel wipes. You can also pre-treat your fixtures with faucet wax.



Glass Shower Doors - Shower doors show spots no matter what system you have. To prevent lime scale buildup from starting, simply buff shower doors with Rain-X or Amaz and squeegee regularly.





PRE-INSTALLATION INSTRUCTIONS

Read the following instructions completely before installation. Observe all local plumbing and building codes when installing.

Ultimate Protection Package Location Requirements

- **DO NOT** install, modify or use this equipment in any manner other than specified in this user manual.
- The system should be placed within five feet of a 110-volt electrical outlet. A 24-volt transformer can be used if there isn't an outlet within five feet available. Be sure to secure the transformer to the electrical outlet with the screw provided.
- Place the system on a smooth, level surface. Because the system operates in an UP-FLOW fluidized bed mode, having a level surface is important.
- **Allow at least 4" above the carbon filter tank for easy removal of valve cover.**
- **DO NOT** install unit in direct sunlight or in areas where the system will be exposed to extreme weather or temperatures below freezing. Damage to the tanks may result.
- Copper and other metals in water must not be above EPA standards for municipal water.
- System must operate in a vertical position. Do not lay it down during operation. The system may be placed in any position during shipping and installation, but must be operated in the vertical position.
- **PROTECT SYSTEM FROM WATER HAMMER:** Where water hammer is present, it is recommended to install a pressure regulator in front of the system. This protects the equipment from water hammer damage.
- This system requires the fabrication of a 3-way valve bypass. This allows the system to easily switch to bypass if service or relocation is necessary.

CAUTIONS & REQUIREMENTS | 4140LE ESTATE WATER FILTER

1. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
2. LifeSource Water Systems are attached to the main water line going into the home. [The pipe connection is made after the pressure regulator, if present, and after the sprinkler supply line.] Attaching irrigation or sprinkler lines to the LifeSource Water System is not recommended. Make sure house water is on the main line. Some kitchen cold water lines are plumbed separately if previously plumbed for water softeners.
3. **CHECK WATER PRESSURE:** The system is rated for 100 psi. Water pressure measuring 80 psi during the day may surge to over 100 psi at night when self-cleaning occurs. If daytime water pressure on main line is above 80 psi, a pressure regulator [See Figure 4] is required.
4. All filter systems have a rinse drain line [See Figure 5] with a restrictive washer determining the gallon per minute (gpm) flow rate. That outlet should run to a drain or outdoor location with sufficient percolation, such as a flower bed or drain.
5. An **AIR GAP** must be used in connecting to a drain line to prevent possible back siphoning into the tank [See Figure 6].

NOTE: Devices that create an air gap can be purchased at plumbing supply stores.

6. LifeSource filters come equipped with a timer to automatically rinse and clean the system on a regular basis. Manually rinsing this system will not be necessary after the first rinse. In the event of a power outage, visit LifeSourceWater.com/customer-care.php for resetting the timer.



Figure 4 - Water Pressure Gauge



Figure 5 - System Rinse Line

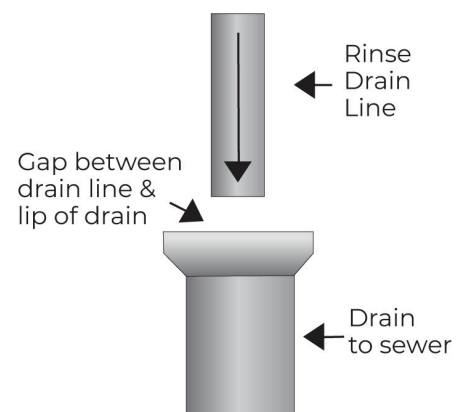


Figure 6 - Air Gap Illustration

CAUTIONS & REQUIREMENTS | 4140LE ESTATE WATER FILTER

7. **DO NOT CONNECT THE FILTER RINSE LINE TO AN AIR CONDITIONER DRAIN LINE.**
8. If the system was delivered with the valve head pre-installed on the tank, **DO NOT ATTEMPT TO REMOVE THE VALVE HEAD.**

NOTE: For filters delivered without the valve head installed - **PRE-FILL** the tank with water after the tank has been placed at the installation site. This will allow the water to assimilate into the carbon and air to escape prior to operation.

9. **REMOVE OR CHANGE ANY EXISTING FILTERS** on the refrigerator water line, beneath the sink and on any other water lines in the home. Any such filters, if retained, should be routinely changed per manufacturer's recommendations.

CAUTIONS & REQUIREMENTS | 6633LE SCALESOLVER®

1. The ScaleSolver system works best when paired with the LifeSource water filter. Our whole house water filter removes harmful chemicals that can reduce the service life of the ScaleSolver media.
2. Do not apply phosphate or any other antiscalant before or after the ScaleSolver system.
3. Place the system on a smooth, level surface. A level surface is important because the system operates in an **UP-FLOW**, fluidized bed mode.
4. Chlorine must not be above 3.0 PPM.
5. Copper and other metals must not be above EPA standards for municipal water.

CAUTIONS & REQUIREMENTS | APAPURE™

1. **SYSTEM MUST BE INSTALLED ACCORDING TO WATER FLOW ARROWS LOCATED ON THE APAPURE12.**
2. **DO NOT INSTALL THE SYSTEM ON A HOT WATER LINE OR SYSTEM WILL BE DAMAGED.** This product is designed for cold water use only, less than 100°F (38°C).
3. **DO NOT USE A TORCH OR USE OTHER HIGH TEMPERATURE SOURCES NEAR THE SYSTEM.**
4. **DO NOT INSTALL THE SYSTEM BACKWARDS** with the feed water line connected to the outlet; follow the water flow arrow depicted on the unit. **THE SYSTEM WILL FAIL AND WARRANTY WILL BE VOIDED IF INSTALLED INCORRECTLY.**

CAUTIONS & REQUIREMENTS | APAPURE™

5. **APAPURE12 REQUIRES AT LEAST 20 INCHES OF OPEN PIPE AREA FOR PROPER INSTALLATION.**
6. The system should be mounted on a wall or to the back of other equipment providing a sufficient support structure to hold the disinfection system in place. System can be installed using metal or non-metallic piping systems.
7. **DO NOT USE LIQUID PIPE THREAD COMPOUNDS FOR THREADED CONNECTIONS.** Use Teflon tape only.
8. Do not overtighten the connections to the FTG - 1 Connections (1" NPT).
9. The ApaPure12 must be installed after the carbon filter and the ScaleSolver. Failure to do so can allow for dirt and sediment to cause the ApaPure12 to fail.



ApaPure12™ AG EXPOSURE: The ApaPure12 system component contains silver components. If the unit breaks, avoid inhalation or ingestion of the debris and avoid exposure to eyes and skin. Obey local regulations and guidelines for the removal and disposal of silver nanoparticle, aggregate waste.

ApaPure12 Alternative Fittings

The **ApaPure12 system** includes 1" NPT connections for inlet and outlet connections. The following fittings are also okay for use with this system.

Model FTG	Connection Description
FTG - 1	Connector 1" NPT - Standard fittings
FTG - 2	Connector ¾" NPT
FTG - 3	Connector 1" - Barb with pressure gauge port
FTG - 4	Connector 1" Barb
FTG - 5	Connector ¾" Barb
FTG - 6	Connector ½" Barb
FTG - 7	Connector 1" Pax
FTG - 8	Union Straight
FTG - 9	End Plug - With pressure gauge port
FTG - 10	End Plug



INSTALLATION INSTRUCTIONS

Fabricating the Required 3-Way Valve Bypass

For the 4140LE, a 3-way valve bypass will need to be built during installation. This allows the system to switch to bypass in case of a maintenance requirement or relocation of the system in the future.

NOTE: LifeSource recommends the use of ball valves when fabricating the bypass for the 4140LE.

Figure 7 - System in 3-WAY BYPASS Position

To put the bypass valves into the **3-WAY BYPASS** position, open cross valve (A) and then close incoming valve (B) and outgoing valve (C).

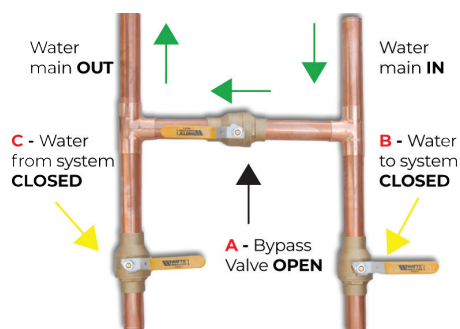


Figure 7

Figure 8 - System in SERVICE Position

To put the bypass valves into the **IN-SERVICE** position, close the cross valve (A) then open the incoming valve (B) and the outgoing valve (C).

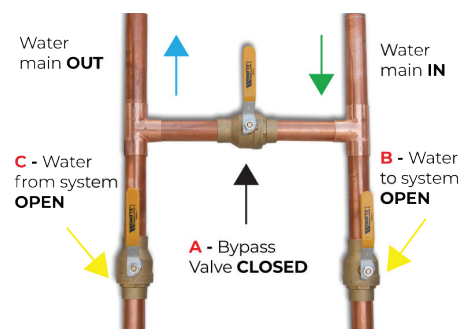


Figure 8

Color Key



Raw Water

Clean Water

Closed

INSTALLATION INSTRUCTIONS

NOTE: If a re-circulating pump is present on your hot water heater, unplug the pump PRIOR to shutting off the water supply to avoid a burnout of the pump motor.

NOTE: The carbon filter tank must be installed in front of the ScaleSolver. **Install the ApaPure12 as the last stage of the treatment chain.**

1. Shut off the water at the water main. Open a water spigot connected to the home to drain water from pipes.
2. Once the 3-way valve bypass has been fabricated the system should be in the 3-way BYPASS position before you begin plumbing of new system.
3. Place the ScaleSolver 6633 and Estate 4140LE carbon filter in their final install location. Make sure both tanks are level.

NOTE: Make sure to place the ScaleSolver on a smooth, level surface. Because the system operates in an UPFLOW, fluidized bed mode, having a level surface is important.

NOTE: If using the 24-volt transformer, run low voltage wire and make connections but do not plug in at this time.

4. Plumb in the carbon filter tank. Be sure to position the incoming and outgoing pipes properly.

NOTE: If installing a sediment filter, plumb in the sediment filter before the carbon tank. Care should be taken to cool the plastic casing when soldering nearby pipe connections. The house ground wire, if necessary, should be looped around the system to maintain proper grounding.

5. **Connect the Rinse Line** - The rinse line should be directed to a ground location that has sufficient percolation such as a flower bed or a drain. **In areas where freezing occurs, the rinse line cannot be located outdoors.**

This system requires either a 1" O.D. (outside diameter) or 1" PVC pipe. Connect the rinse line on the carbon filtration tank, using care not to overtighten. If using PVC pipe, 1/8" holes can be drilled about 4" apart along the pipe lying on the ground to better distribute the water in a garden area. DO NOT cap the end of the pipe or connect the end of the pipe to an irrigation drip line or air conditioner drain line.

NOTE: An air gap is required when attaching a rinse line to a sewer line. The air gap will prevent backflow contamination. **[See Page 7, Figure 3]**

INSTALLATION INSTRUCTIONS

6. Plumb in the ScaleSolver tank. Connect the outlet from the carbon filter tank to the inlet of the ScaleSolver. We recommend using schedule 80 nipples and stainless steel flex lines. This will allow the ScaleSolver to settle once filled with water. Connect the ScaleSolver outlet to the water main into the home.

NOTE: Begin soldering connections furthest away from the ScaleSolver and then move closer in. Care should be taken to cool the plastic casing when soldering. Use a wet rag to keep pipes cool.

APAPURE12™

Fittings Assembly



Item	Part Description
1	ApaPure12™ Filter
2	Model FTG-1 Connections (1" NPT) for both outlet and inlet connections (2)
3	Blue retainer clips (2)
4	O-Ring Lubricant (1)

ApaPure12 Installation Instructions

- Remove the protective plastic wrap from the ApaPure12 system.
- From the included parts bag, remove the two fittings, the two blue retainer clips and the small lubricant tube.
- With the lubricant provided, generously lubricate the two o-rings on each fitting prior to installation.
- Install the fitting into the open ends of the ApaPure12 system by pushing the fittings into the cartridge with a twisting motion until fully sealed. Once the fittings are fully sealed, install the blue retainer clips into each end of the ApaPure12 system to lock the fittings in place.

NOTE: THE APAPURE12 MUST BE INSTALLED IN A VERTICAL POSITION.

NOTE: The two ApaPure12 filters should be installed in parallel positions to each other.
[See Figure 9]

1. Locate (or add) and cut a ~20 inch section of open pipe to install both ApaPure12 units.
2. Connect the incoming cold water line from the ScaleSolver tank to the inlet connection of the stainless steel flex line for the two parallel ApaPure12 systems. Make sure that you adapt your water line to the inlet connection. **A UNION CONNECTOR IS RECOMMENDED** for easy replacement when necessary.

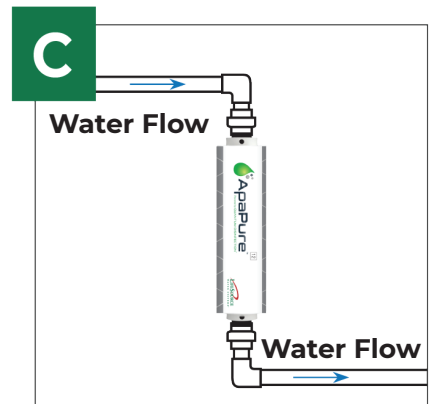
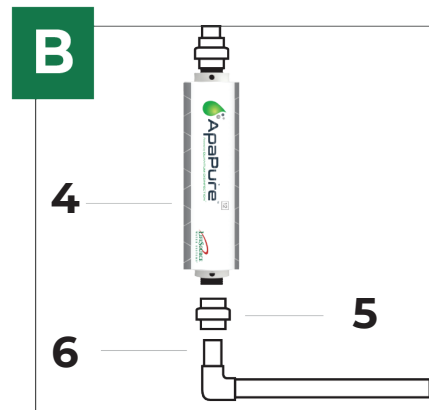
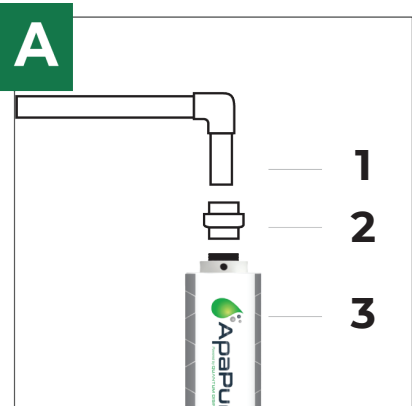
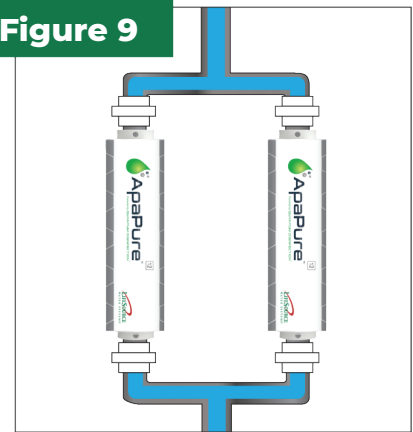
NOTE: Each ApaPure12 includes 1" NPT connections or inlet and outlet manifold ports. Other fittings are available, as noted on **PAGE 13**.

NOTE: There is a directional flow arrow on the ApaPure12. The incoming water should be routed to the inlet and the treated water should be flowing away from the outlet or arrowhead end of the flow arrow.

3. Connect the outlet fitting of the two parallel ApaPure12 units to the water line using a stainless steel flex line.

NOTE: Install hose bib after the outlet of the ApaPure12 systems and before the water line enters the home.

Figure 9



Grounding the System

NOTE: In cases where household plumbing lines are used for grounding the house, it may be necessary to use a copper wire to jump over the LifeSource equipment to continue proper grounding.

1. Cut copper jumping wire to the appropriate length. The wire should reach from the incoming water main to the water piping entering the house.
2. Clamp copper wire to the incoming water main **[See Figure 10]**. Then clamp the other end of the copper wire to water pipe entering the house. This will ensure proper grounding.
3. Adjust the copper wire to fit the installation configuration.



Figure 10

REPLACING THE APAPURE12™ SYSTEM

NOTE: THE APAPURE12 SYSTEM REQUIRES REPLACEMENT EVERY 2 YEARS FROM THE DATE OF INSTALL.

1. Turn off downstream equipment. Shut off the inlet water supply to the system.
2. Follow the fitting assembly instructions on **Page 16 - 17**.
3. Open the union connector and remove the old ApaPure12 system.
4. Remove the female part of the union connector from the ApaPure12.
5. Install the female parts of the union connector to the new ApaPure12 system by connecting them to the fittings for both the inlet and outlet. Use Teflon tape if needed.
6. Install the new ApaPure12 system, in place of the old ApaPure12 system, by reconnecting both union connectors, inlet and outlet.

NOTE: There is a directional flow arrow on the ApaPure12. The incoming water should be routed to the inlet and treated water should be coming from the outlet or arrowhead end of the arrow.

FIRST RINSE CYCLE OF NEWLY INSTALLED SYSTEM

After installing a new carbon filter tank, it is very important the system is rinsed thoroughly to remove the dust and carbon fines that are present in the tank.

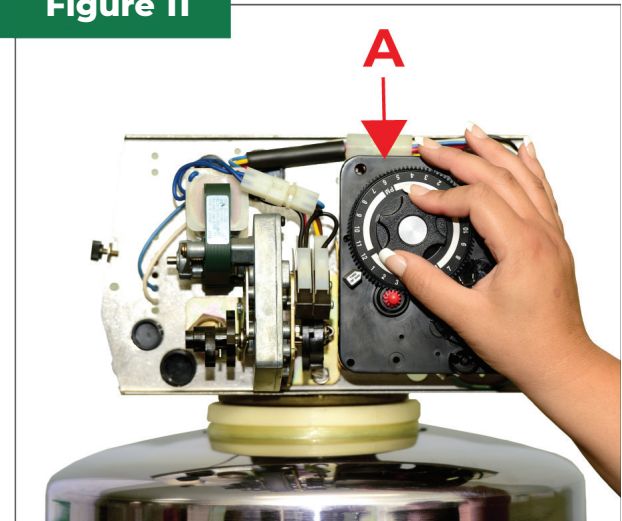
NOTE: At the beginning of the manual rinse cycle, the water flowing from the rinse line will come out almost black. This is normal. The high grade carbon filter is being thoroughly rinsed. Each time you manually run a complete rinse cycle, the new filter is cleaned and prepped. The water from the system's rinse line will turn from black to gray and then get clearer with each rinse cycle you complete.

NOTE: If the tank has not been pre-filled with water, extreme care must be taken in the initial filling. Filling the tank with water too quickly can cause the carbon to be forced into the valve head and may jam or ruin the piston which controls the rinse cycle.

NOTE: The filter's 3-way bypass should be in BYPASS POSITION. Valves (B) & (C) should be in the closed position and valve (A) in the open position. [See Page 11, Figures 4 & 5]

1. Electrical power must be on. Plug the system into 110 volt; or, if using the 24 volt, use the supplied 24 volt transformer.
2. Turn the knob (A) **SLOWLY CLOCKWISE** [See Figure 11] until you hear and see the valve mechanism engage. Allow the system to go through a complete cycle.
3. Open the **IN-LINE (B)** [See Page 14, Figure 8] $\frac{1}{4}$ of the way. After 2 minutes, open that same **IN-LINE VALVE (B)** half way. After three additional minutes, open the same **IN-LINE VALVE (B)** all the way.
4. Due to the volume of rinse water expelled, be sure the $\frac{3}{4}$ " rinse line plumbing is directed to a drain or other large receptacle.

Figure 11



MANUAL RINSE INSTRUCTIONS

5. Open the clock panel and turn the knob (A) **SLOWLY CLOCKWISE** [See Page 19, **Figure 11**] to the first pin until you hear and see the valve mechanism engage. Allow the system to go through a complete cycle for 6 minutes.
6. Before the timer reaches the second set of pins, manually turn the main knob clockwise again to the first pin. Repeat this procedure 4-5 times. Be sure to completely rinse out carbon dust before proceeding to the next step.
7. **Repeat instructions 5 & 6** to manually rinse the filter. **This process can take up to 20-30 minutes** and will need to run 4-5 times until the water from the rinse line runs clear.

NOTE: If the water is still gray or if it has tiny black particles in it, repeat the manual rinse cycle until the water is totally clear.

8. After the manual rinse cycle has been completed, turn the main dial on the filter unit to the **IN SERVICE** position [See Page 16, **Figure 9**]. Make sure the control lever is fully in the **IN SERVICE** position. Now, put the ScaleSolver outlet in the **IN SERVICE** position. Water will now be flowing through the whole Estate PowerPac to feed the house. **Remember to set the timer for self-cleaning to the current time of day.**

NOTE: If you have unplugged the recirculating pump, plug it back in.

SYSTEM TIMER

Self-cleaning is programmed to occur at approximately 2:00 a.m. every 14 days and requires 2 hours to complete a full cycle. During the self-cleaning cycle, the filter is in bypass mode. The system will not filter incoming water at this time.

NOTE: The system self-cleaning cycle will not activate unless it has electrical power. To check for power, swing the panel out from the center [See **Figure 12**]. The clock, located on the back (D), should be warm to the touch. If it's cold, check the power cord connection or circuit breaker.

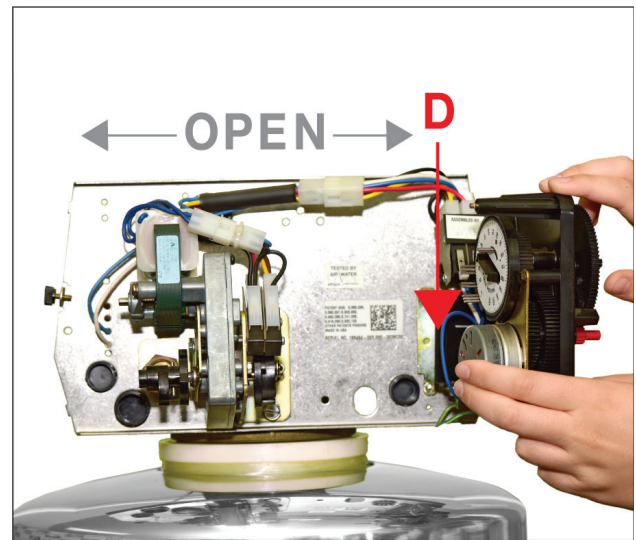


Figure 12 - Estate 4140LE timer

Setting Timer

To reset the weekly automatic self-cleaning timer [See Figure 13]

- Facing the LifeSource system, loosen the black nuts on both sides of the timer head and remove the black cover.
- Look on the right side of the timer face. Check if the white arrow points at the correct time of day (A).
- If time is incorrect, press and hold down the red button (B).
- Turn the large gear (C) until the white arrow is pointed at the correct time of day.
- Release the red button.
- The system will now automatically start the self-cleaning cycle at approximately 2:00 a.m.
- Replace the black cover and tighten the black nuts.

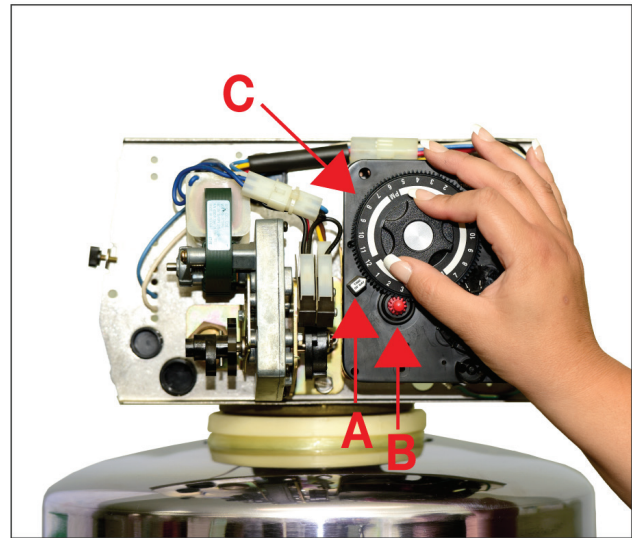


Figure 13 - Estate 4140LE timer

After a power outage, check the timer and set to the correct time of day.

To determine if the timer has power, lightly place your finger on the gray clock located on the back of the timer face. If the clock is warm, it is receiving power.



See video instructions at LifeSourceWater.com/customer-care.php

Changing Self-Cleaning Cycle

If you would like self-cleaning to occur at a different time, you must adjust the time of day. For example, if you would like self-cleaning to occur at 12:00 a.m. (two hours earlier than programmed), you must set the clock two hours ahead of the actual time. **Adjusting the clock to read two hours later than the actual time tricks the automatic rinse cycle into thinking it is 2:00 a.m. when it is only 12:00 a.m.**

For assistance visit LifeSourceWater.com/customer-care.php

POST-INSTALLATION INSTRUCTIONS

Perform Immediately After New System is Installed

1. To release air from pipes, turn on an outdoor spigot connected to the home water line. Flush lines of old water by running water for 2-3 minutes from each tub, shower and faucet in the home. Remember that the water heater will be filled with old water.
2. Aerators on faucets, faucet heads, toilets, etc. may need to be cleaned due to scale and sediment that dislodges from old pipes.

NOTE: OLD PIPES THAT HAVE ACCUMULATED SEDIMENT ONLY

For the first 15 days, run water for a couple of minutes after it has been sitting in the pipes overnight or for a prolonged period.

Air in the Water After the System is Installed

If the water appears cloudy when you fill a glass of water, this usually indicates that air is in the water lines. Open all faucets in the house and run water for a couple of minutes to flush out the air. **It may take longer for air in pipes to dissipate completely. During this time your water is safe, but may appear slightly cloudy.**

Water Heater

1. Set the temperature at the medium setting to achieve 120°F. Older water heaters may have to be turned to the highest setting to achieve this temperature due to scale buildup in the unit.
2. One month after the system was installed, drain water heater until the drained water runs clear. Old water heaters may descale with LifeSource water and should be drained after one month as scale dislodges. In addition, a hot water heater should be drained once a year per manufacturer's instructions.
3. Water heaters can easily be drained by attaching a hose to the faucet at the bottom of the unit. Open the faucet and allow the water to run until it's fairly cool.
4. Recirculating pumps should be unplugged if the main water line is shut off in order to avoid burning out the motor. They should also be unplugged when draining the water heater.

Tankless Water Heater

Consult manufacture's instructions for flushing tankless water heater.

TROUBLESHOOTING

If Water Has Bad Taste or Odor

1. **Verify that the BYPASS valve is in the SERVICE position**

If the bypass is partially opened, a cross-mixture of filtered and tap water will be present.



See Page 14 to view correct BYPASS position.

2. **Check Electrical**

Verify that the valve is plugged in and the clock is running. If the clock is not running, it may need a new motor or transformer (if using a 24-volt head). Always check the transformer first.

Self-Cleaning Cycle is Running Continuously

If water continually flows from the rinse drain line, a cross-mixture of filtered and tap water will be present. Immediately put the system in bypass and call LifeSource Water at 800-334-5009. This may be a sign of a mechanical issue.



See Manual Rinse Instructions on Page 20 for more details.

System is Self-Cleaning at Undesirable Time

Reset self-cleaning timer.



See video instructions at [LifeSourceWater.com/customer-care.php](https://www.lifesourcewater.com/customer-care.php)



NOTE: YOUR SYSTEM MAY NOT BE DISCONNECTED FROM WATER FLOW OR ELECTRICAL FOR MORE THAN 30 DAYS.

LIFESOURCE WATER SYSTEMS, INC. LIMITED WARRANTY

Models

Filters:		ScaleSolvers®:		Quantum Disinfection:
• 810S	1"	• SS-810	1"	• ApaPure 12
• 1620S	1"	• SS-5544S	1"	
• 1620E	1.25"	• SS-5544E	1.25"	
• 2250S	1"	• SS-6633SE1.5"		
• 2250E	1.25"	• SS-6633LE2"		
• 2250SE	1.5"	• SS-7722LE2"		
• 4140SE	1.5"			
• 4140LE	2"			

PLEASE READ THE INSTRUCTION MANUAL TO BE AWARE OF ALL WARNINGS, DISCLAIMERS, AND LIMITATIONS BEFORE INSTALLING THIS SYSTEM. This filter is tested and/or certified to reduce specific contaminants however individual water quality may vary. For best results, test your water to ensure this product meets your specific filtration needs.

What is Covered?

LifeSource Water Systems, Inc. ("LifeSource Water") warrants to the original purchaser ("Purchaser") that the products and models listed above (the "Products") are free from defects in material and workmanship for the period commencing upon the date of purchase and continuing for the specified period of time after that date as described below (the "Period of Coverage"). This limited warranty (the "Limited Warranty") is subject to the terms within this document. For the Limited Warranty to apply, the Products must be installed and operated according to LifeSource Water's written installation instructions, the manufacturer's recommendations, and current and local building and plumbing codes. Improper installation or operation will void the Limited Warranty. LifeSource Water recommends installation by a licensed plumber. The Limited Warranty does not extend to Products that are installed and operated outside of the United States or to Products that are moved or reinstalled at a location other than the original site.

Item	Period of Coverage (from date of purchase)	
	Residential Applications	With Platinum Protection Package
Carbon filter tanks (except 810S)*	10 years	10 years
810S*	5 years	5 years
ScaleSolver®*	5 years	5 years
ApaPure Filter Valve	2 years	2 years
Valve Head	3 years	10 years

*Tank media is not covered under warranty.

LIFESOURCE WATER SYSTEMS, INC. LIMITED WARRANTY

What will LifeSource Water Do?

During the Period of Coverage, LifeSource Water will repair or replace the Product or any part or component that is defective in materials or workmanship. All repair parts will be LifeSource Water parts. All repairs or replacements will be performed by a qualified professional who is properly trained to do the type of repair.

Replacement of the Product may only be authorized by LifeSource Water at its sole discretion. LifeSource Water does not authorize any person or company to assume for it any obligation or liability in connection with the replacement or repair of the Product. If LifeSource Water determines that repair of the Product is not possible, LifeSource Water, at its sole discretion, may replace the Product with a comparable product. The warranty claim for Product parts and labor may be denied if terms and conditions of the Limited Warranty are not satisfied, including but not limited to those described in the section "What is Not Covered?" below.

How to Obtain Service

For the name of a trained and qualified professional, please visit LifeSourceWater.com or call LifeSource Water at 1-800-334-5009.

What is Not Covered?

The Limited Warranty is conditioned upon the proper installation and operation of the Product by the Purchaser. The Limited Warranty does not cover the following:

- Accident, abuse, or misuse.
- Alteration of the product or any component part.
- Misapplication of this product.
- Improper installation (such as but not limited to):
 - The Product was not installed according to LifeSource Water's written instructions, the manufacturer's recommendations, or the application local and state codes.
 - Incorrect water pressure.
 - Water pressure exceeds 100 psi or incoming temperature is higher than 120°F.
 - Product being installed in a corrosive environment.

LIFESOURCE WATER SYSTEMS, INC.

LIMITED WARRANTY

- System must be continuously connected to an operating power source and performing the self-cleaning rinse to be considered in warranty.
- Any other cause not due to defects in materials or workmanship.
- Any component failure due to abuse, fire, freezing or other acts of nature, violence, or improper installation.
- The Limited Warranty is terminated if granular activated carbon media has been coated with excessive iron, silt, mud or other foreign substances. It is recommended that regular self-cleaning should be automatically set for the Product to a 12 or 14-day period. Please refer to your owner's manual for specific time frame.
- Use of the Product with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- The Limited Warranty is terminated if the Product is moved or reinstalled at a new location.
- This Limited Warranty does not apply to any product whose serial number or manufacture date has been defaced.
- The Product is purchased, installed, or operated outside of the United States.
- Damage due to acts of nature.

Limitation on Warranties

EXCEPT AS SET FORTH IN THE LIMITED WRITTEN WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND LIFESOURCE WATER MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;

WARRANTIES OF TITLE OR NON-INFRINGEMENT;

DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

LIFESOURCE WATER SYSTEMS, INC. LIMITED WARRANTY

NOTHING CONTAINED IN LIFESOURCE WATER'S WEBSITE, OWNER'S MANUAL, PROMOTIONAL MATERIALS, OR OTHER DOCUMENTS PROVIDED TO THE PURCHASER SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE LIMITED WRITTEN WARRANTY STATED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, LIFESOURCE WATER SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY LIFESOURCE WATER, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

The Limited Warranty allocates risk of the Product failure between the Purchaser and LifeSource Water, and LifeSource Water's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and contractors of LifeSource Water are not authorized to make modifications to the Limited Warranty, or make additional warranties binding on LifeSource Water. Accordingly, additional statements such as advertising, or presentation, whether oral or written, do not constitute warranties by LifeSource Water and should not be relied upon.

Contact Us: LifeSourceWater.com/Warranty

911 E. Colorado Blvd Suite 100, Pasadena, CA 91106 | 800.334.5009



WE'RE HERE TO HELP

Thank you for being a valued member of the LifeSource Water Family.

We hope you enjoy having clean, delicious water for your family and home. Together we are making a difference to decrease plastic waste from bottled water and keeping salt runoff out of the water supply.

We pride ourselves on excellent customer service.

You can find answers to common questions and detailed video instructions on our customer care page at **LifeSourceWater.com** or give us a call at **(800) 334-5009**.

Stay in touch!

