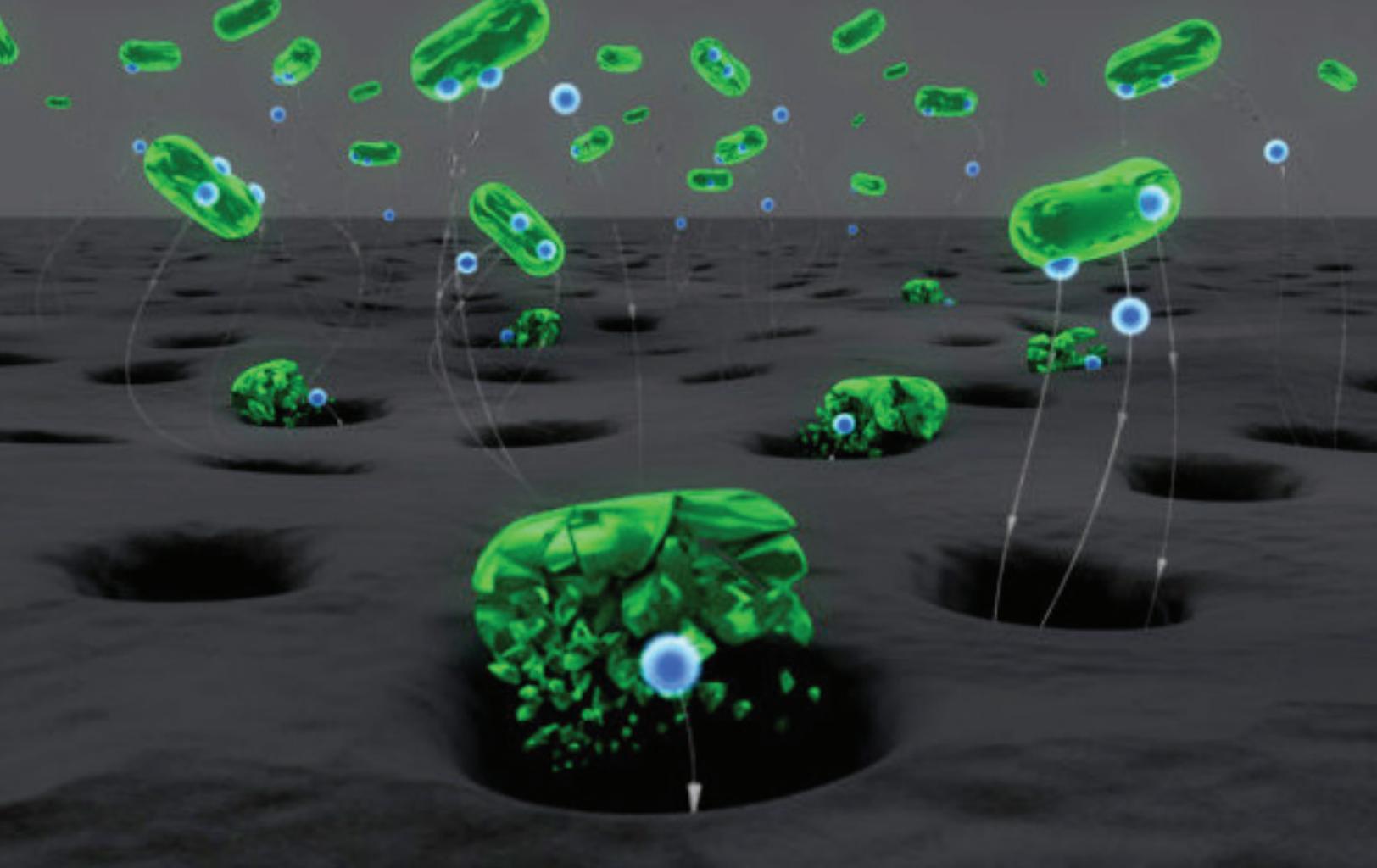




 **ApaPure**TM 12

Owner's Manual & Installation Guide

**TASTE & FEEL
THE DIFFERENCETM**



APAPURE12: SIMPLY PURE WATER

The ApaPure™ 12 is where innovation meets water. Using Quantum Disinfection Media™, a cutting edge technology that protects your water from microbiological contaminants, ApaPure12 makes sure your water is worry-free.

What is Quantum Disinfection?

Quantum Disinfection Media: The surfaces of ceramic beads have been modified to have an instant disinfection capability. When microorganisms (bacteria, viruses, cyst, algae, yeast, etc.) come into contact with the active ceramics, the electrons inside the pathogens are instantly attracted by the positively-charged surfaces. This causes the entire structure of the microorganism to collapse irreversibly and die, rendering them harmless.

NO POWER, NO CHEMICALS and NO MAINTENANCE are the main advantages of Quantum Disinfection. If you receive a boil water alert or don't have access to power, you can rest assured your water is still protected.

SYSTEM SUMMARY

The LifeSource ApaPure12 system, powered by Quantum Disinfection Media, is engineered to be the ultimate disinfection unit for your home. Water simply passes over the Quantum Disinfection media surface and bacteria is instantly destroyed through catalytic electronic exchange. What sets ApaPure apart? Other systems, such as UV lights, can only guarantee a 99.9% chance of destruction of microorganisms and still leave concerns about what's in your water. ApaPure12 kills 99.9999% of bacteria and viruses on contact.

This is a revolutionary, patented technology. Simply plumb in the ApaPure12 system and turn on the water - no additional components or electricity are required. The 1" connection provides up to 12 gallon per minute flow rate, so there is no loss in water pressure or flow for your home.

It's that simple. No power. No chemicals. No maintenance. Just disinfected water for your entire home or business.



PRODUCT PARTS & 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)

System Specifications

Certification Rating	200,000 gallons
Inlet	1" NPT
Outlet	1" NPT
Flow Rate	12 GPM (gallons per min)
Dimensions	10" x 3"
Weight	3 lbs
Installation Space	20" on cold water main
Pressure	Min. 20 - Max. 100 psi
Temperature	Min. 41°F - Max. 100°F



SYSTEM INSTALLATION REQUIREMENTS

Read the following instructions completely before installing your system.

- **SYSTEM MUST BE INSTALLED IN A LEVEL, VERTICAL POSITION**, as shown in the examples below.



HORIZONTAL



VERTICAL



NOT LEVEL

- **THIS SYSTEM IS DESIGNED FOR COLD WATER USE ONLY**, less than 100°F (38°C). Passing hot water through this product will damage the system.
- **A 5 MICRON SEDIMENT FILTER OR CARBON FILTER MUST BE INSTALLED IN FRONT OF THE APAPURE12 SYSTEM** and after any water softening equipment.
- **APAPURE12 REQUIRES AT LEAST 20 INCHES OF OPEN PIPE AREA FOR PROPER INSTALLATION.**
- **DO NOT INSTALL IN LOCATIONS WHERE THE APAPURE12 SYSTEM CAN BE DAMAGED** by other freestanding equipment.
- 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.
- **DO NOT** install unit in areas where the system will be exposed to extreme weather or temperatures below freezing.
- **DO NOT** install unit in areas with direct sunlight.

CAUTIONS & REQUIREMENTS

Read before beginning the installation process.

- Do not install, modify or use this equipment in any manner other than specified in this user manual.
- **SYSTEM MUST BE INSTALLED ACCORDING TO WATER FLOW ARROWS LOCATED ON THE APAPURE12.**
- **CHECK WATER PRESSURE:** Do not install the system on water lines with pressures above or below the rated pressure (see System Specifications).
- **DO NOT INSTALL THE SYSTEM ON A HOT WATER LINE OR SYSTEM WILL BE DAMAGED.** This product is designed for cold water use only.
- **DO NOT USE A TORCH OR USE OTHER HIGH TEMPERATURE SOURCES NEAR THE SYSTEM.**
- **DO NOT INSTALL THE SYSTEM BACKWARDS** with the feed water line connected to the outlet; follow the water flow arrow depicted on the unit.
- **DO NOT USE LIQUID PIPE THREAD COMPOUNDS FOR THREADED CONNECTIONS.** Use Teflon tape only.
- Do not over-tighten the connections to the FTG - 1 Connections (1" NPT).
- **PROTECT SYSTEM FROM WATER HAMMER:** Where water hammer is present, it is recommended to install a pressure regulator in front of the system, in order to protect the ApaPure12 unit as well as the other equipment from water hammer damage.
- **AG EXPOSURE:** The 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.

SYSTEM FITTINGS

Due to its FTG specific design, the ApaPure12 system has multiple connection options. By default, the ApaPure12 system includes two (2) Model FTG – 1 Connections (1" NPT) for both inlet and outlet connections.

For other types of fittings, please see the following list to review alternative connection options for 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

Fittings Assembly

1. Remove the protective plastic wrap from the ApaPure12 system.
2. From the included parts bag, remove the two fittings and the two blue retainer clips, in addition to the small lubricant tube.
3. With the lubricant provided, generously lubricate the two o-rings on each fitting prior to installation.
4. 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.

INSTALLATION INSTRUCTIONS

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

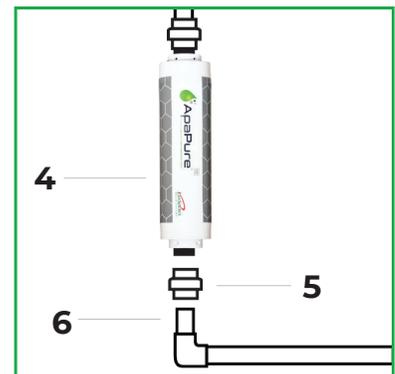
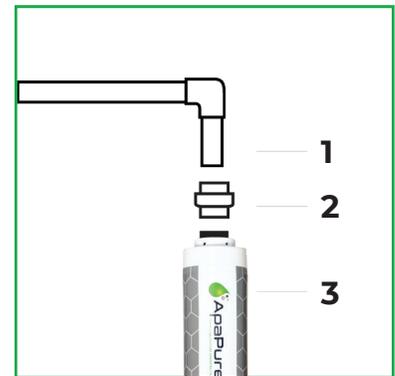
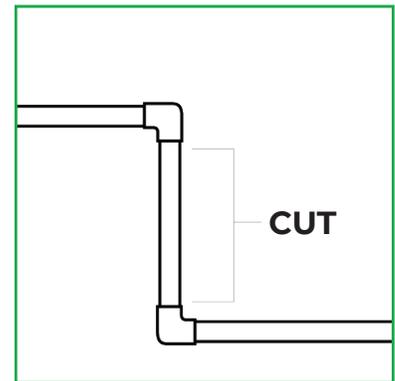
NOTE: The two ApaPure12 filters should be installed in parallel positions to each other. [See Figure 9]

1. Shut off all equipment downstream of ApaPure12 installation. Locate the water supply shutoff valve and turn it off.
2. Locate (or add) and cut a ~20 inch section of open pipe to install the unit assembly.
3. Connect the incoming cold water line to the inlet connection of the ApaPure12 system. Make sure that you adapt your water line to the inlet connection.

FOR EXAMPLE, A UNION CONNECTOR CAN BE USED. A union connector is recommended for easy replacement when necessary.

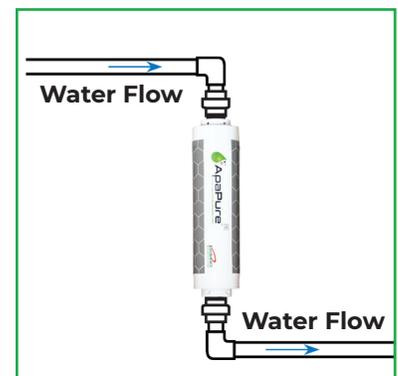
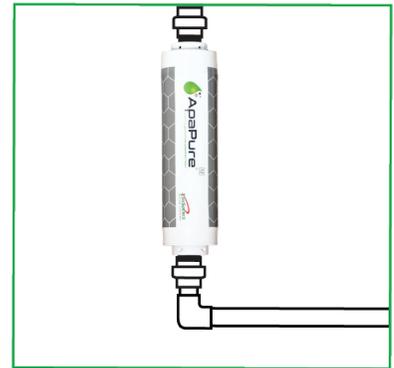
NOTE: Each ApaPure12 includes 1" NPT connections or inlet and outlet manifold ports. Other fittings are available, as noted on **PAGE 13**.

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.



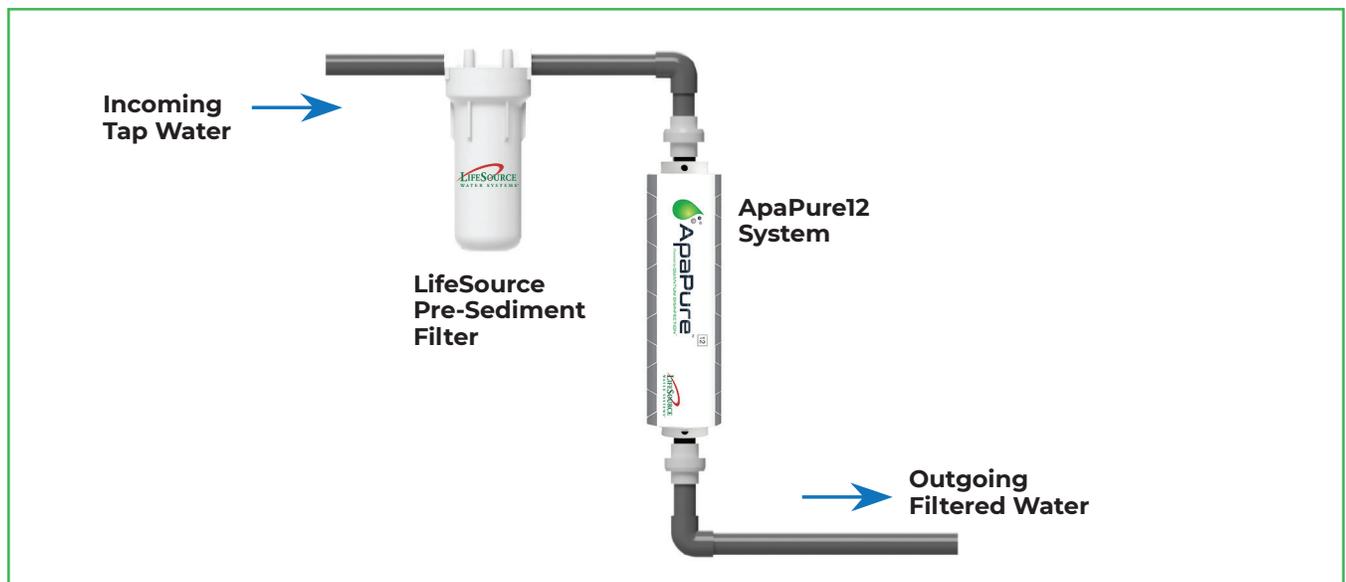
INSTALLATION INSTRUCTIONS

4. Connect the outlet fitting of the ApaPure12 unit to the water line.
5. Turn on water supply to the disinfection system.
6. **FLUSH THE CARTRIDGE BY RUNNING WATER FOR FIVE MINUTES THROUGH THE SYSTEM. THIS WILL PURGE ANY TRAPPED AIR AND FINES FROM THE SYSTEM.**
7. Check for leaks over the next 24 hours.



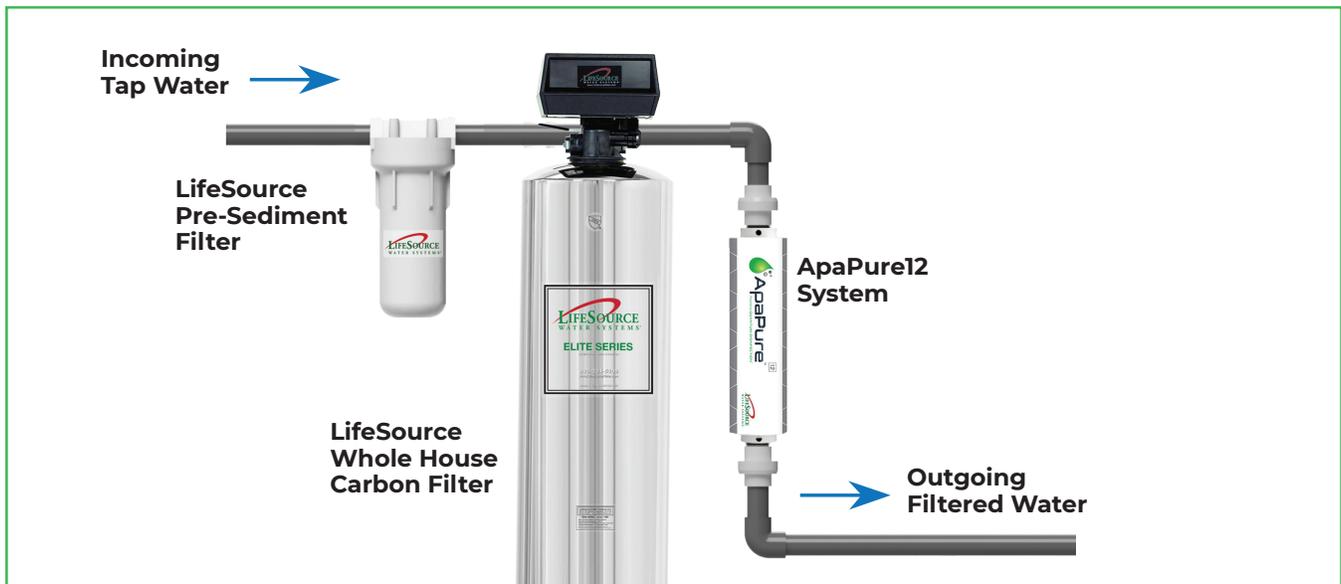
Recommended Installation Example

Includes LifeSource pre-sediment filter and ApaPure12 system.



Alternative Installation Example

Includes LifeSource pre-sediment filter, carbon filter and the ApaPure12 system.



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 6**.
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.

LIFESOURCE WATER SYSTEMS, INC. LIMITED WARRANTY

Models

Filters:

- 810S 1"
- 1620S 1"
- 1620E 1.25"
- 2250S 1"
- 2250E 1.25"
- 2250SE 1.5"
- 4140SE 1.5"
- 4140LE 2"

ScaleSolvers®:

- SS-810 1"
- SS-5544S 1"
- SS-5544E 1.25"
- SS-6633SE 1.5"
- SS-6633LE 2"
- SS-7722LE 2"

Quantum Disinfection:

- ApaPure 12

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	12 years
810S*	5 years	5 years
ScaleSolver®*	5 years	5 years
ApaPure Filter Valve	2 years	2 years
Valve Head	3 years	12 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

- Improper maintenance, such as system not continuously connected to an operating power source.
- 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.

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!

