



## ApaPure2

### Owner's Manual & Installation Guide

# System Summary

The ApaPure2 was designed to provide a robust filtration + disinfection solution to treat a variety of issues. The unit is powered by Quantum Disinfection™ technology, which eliminates over 99.9999% of bacteria on contact by using a powerful catalytic surface charge. This system includes a head unit, mounting screws and the cartridge.

# System Specifications

**Certification Rating:** 10,300 gallons

**Inlet:** 3/8"

**Outlet:** 3/8"

**Flow Rate:** 1.67 GPM

**Dimensions:** 12 1/4" x 3 3/16"

**Pressure:** 20 - 125 psi

**Temperature:** 40° - 100° F

**Certification:** NSF – 42 & 61

Quantum Disinfection technology is NSF 42 component certified and is certified by IAPMO R&T to NSF/ANSI Standard 61



## Product Parts

Item	Part Description
1	Four Mounting Screws
2	One Metal Mounting Bracket
3	One Unit Valve Head
4	One Filtration Cartridge



## Cautions & Requirements

Read before beginning the installation process. Always follow these safety precautions when installing and operating the water filter:

- **CAUTION** Do not use with water that is microbiologically unsafe or of microbiologically contaminated water that meets all other public health standards. This system is not intended for the treatment of water that has an obvious contamination or intentional source, such as raw sewage; nor is the system intended to convert wastewater to microbiologically safe drinking water.
- **CAUTION** Do not install system on line pressure above the rated pressure included in system specifications.
- **CAUTION** Do not install the system on a hot water line. Failure to limit the water temperature to 100°F (38°C) can result in housing failure and property damage.
- **CAUTION** Do not use a torch or other high temperature sources near filter or cartridge system.
- **CAUTION** Do not install in direct sunlight or outdoors.

### *Cautions & Requirements Continued...*

- **CAUTION** Do not connect the system backwards with the feed water line connected to the outlet.
- **CAUTION** Do not use liquid pipe thread compounds for threaded connections. Use Teflon® tape only.
- **CAUTION** Do not over tighten connections to the valve head.
- **CAUTION** The system should be protected from pressure spikes. If a pressure spike is present, it is recommended to install a pressure regulator in front of the water line in order to protect the filtration system.
- **CAUTION** Make sure all plastic wrapping and protective plastic caps have been removed from the filters prior to installation.
- **CAUTION** Do not install this disinfection unit in areas where the system will be exposed to extreme weather or temperatures below freezing.

## System Location Requirement

This system is designed for under counter use. Unit should be vertically mounted on a wall, support structure, or the back of the equipment which provides sufficient support to hold the filtration system in place securely.

**NOTE:** Allow a minimum of 2" (5 cm) clearance under the filter system to allow for cartridge change outs.

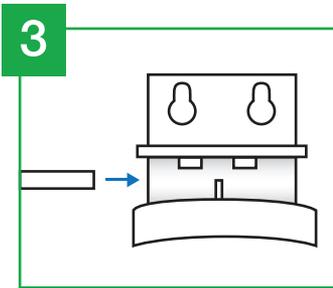
- Systems may be installed using metal or non-metallic piping systems.
- Do not install filter system in locations where it can be damaged by other freestanding equipment.

# Installation Instructions

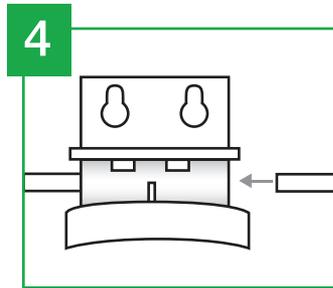
Read instructions completely before installing the filter system.

1. Turn off all equipment to be fed by the system, locate the water supply shutoff valve and turn it off.
2. Use the predrilled mounting holes in the valve head-bracket as a guide. Mark and drill anchor holes. System must be vertical, upright and level. The mounting hardware used must be selected and installed so that the system is firmly pressed against the mounting surface. The system mounting hardware must keep the system from moving during routine service and operation.

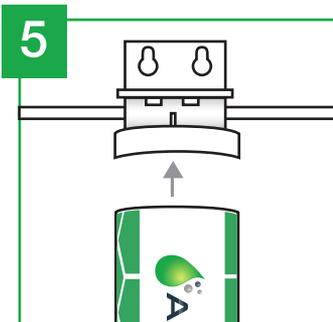
**NOTE:** Product includes with 3/8" QC connections for inlet and outlet valve head ports.



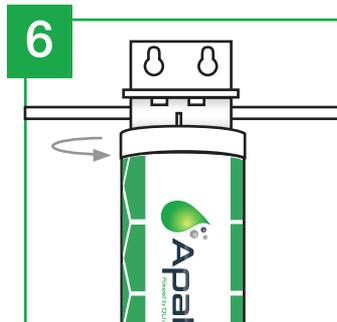
Connect incoming **COLD** water line to the inlet of the valve head connection.



Connect the outlet port to the equipment system line.



Connect the filter to the valve head by inserting the filter cartridge into valve head.



Turn the cartridge to the right (counter clockwise) until it stops.  
**Use marker to record installation date on the filter canister.**

## System Start Up

1. Turn on water supply to the filtration system.
2. Flush the cartridge(s) by running water for **FIVE MINUTES** through the system. This will purge any trapped air and fines from the system.
3. Check for leaks.

## System Maintenance

Routine maintenance of this system involves periodic filter changes. **Filter changes are recommended a minimum of once every two years.** It is recommended to regularly scheduled maintenance and replacement of filter cartridge(s) in order to ensure optimum performance of the filtration system and equipment that it services. Filter cartridges shall be replaced when noted capacity is reached or earlier depending upon reduction of flow rates which may occur due to the incoming water quality.

1. If required, turn off downstream equipment.
2. Shut off the inlet water supply to the system.
3. Open the water valve/faucet to relieve pressure in the filter canister(s). Expect some water to flow out when this valve is opened as the system depressurizes.
4. Remove and discard all filters. The filters are removed by rotating them 1/4 turn to the left (**CLOCKWISE**) and then gently pulling down.

**NOTE:** Used filters will be heavier than new filters due to water remaining on the used filter. Take care when handling the used filter as some water that is within the exhausted filter may come out if turned on its side or upside down.

5. Remove the wrapping and cap from the top of the new filter cartridge(s).
6. Insert new filter(s) in to the valve head and turn 1/4 turn to the right (**COUNTERCLOCKWISE**) until the filter stops.
7. Follow directions contained in “**System Start Up**” above.

## Warranty

Unless otherwise provided in a warranty for the specific product purchased, LifeSource Water Systems, Inc. hereby warrants that all goods purchased hereunder shall be free from material defects in material and workmanship for a period of one (1) year from the date of shipment to buyer. The foregoing warranty shall not be valid if the product or component parts have been subjected to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation. The foregoing warranty is also contingent upon the proper use of the product and expires immediately upon the modification or enhancement of the product by anyone without the express written consent of the LifeSource.

Upon discovery of any defect in material or workmanship within one year from the date of shipment, buyer shall notify LifeSource within five (5) days of buyer's discovery of such defect. If such goods are proven to be materially defective to LifeSource's, and only LifeSource's reasonable satisfaction, then such defective goods shall be repaired or replaced at LifeSource's sole option. In the event the goods cannot be repaired or replaced, LifeSource shall issue a credit to buyer for the purchase price of the defective goods.

Such repair, replacement, or issuance of credit shall constitute a fulfillment of all liabilities with respect to such goods. The warranty for all goods sold by LifeSource but manufactured by others shall be the warranty provided by such manufacturer for such goods. LifeSource shall take all commercially reasonable efforts (other than the payment of money) to provide the manufacturer's warranty to buyer. This limited warranty is the exclusive warranty provided by LifeSource. LifeSource makes no other warranty, express or implied, and there is expressly excluded all warranties of merchantability and fitness for a particular purpose. Buyer's sole remedy shall be repair or replacement of defective products or if the product cannot be repaired or replaced, to receive credit for the purchase price of the defective product. LifeSource is not liable for damage to goods, property or persons arising out of the improper installation of such goods; modification, repair or tampering of such goods by anyone other than LifeSource; misuse of the goods; or utilization of the goods under conditions exceeding specifications for such goods.

