

APEC WATER

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WHOLE HOUSE SOLUTION SYSTEM QUICK SETUP GUIDE Ver 1.0



Thank you for choosing the APEC Whole House Solution system.
You now own one of the finest and most complete whole house
water purification systems in the world.

**Please read and become familiar with instructions and parts needed before proceeding with the
installation.**

General Installation/Operation/Maintenance Requirements

For Green Carbon Water Filter & Futura Salt-Free Water Conditioner

- Use a Licensed Plumber to Install these products.
- Check with your state and local public works department for plumbing and sanitation codes. You must follow these guidelines as you install the whole house water filter.
- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfecting before or after.
- This water filter system will with stand up to 90 psi water pressure. If your house's water pressure is higher than 90 psi, install a pressure reducing valve before the system is installed.
- DO NOT install the water filter system in an outside location or anywhere it will be exposed to direct sunlight or very cold weather temperature.

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BEFORE INSTALLATION:

Inspect the system

Please take the system and all the components out of the box. Inspect the system and all the connection fittings carefully, make sure nothing is damaged during shipping. If any part is cracked or broken, please do not proceed with the installation and contact APEC or your distributor for an exchange or diagnosis.

System Placement Guide

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10" Big Blue Sediment Filter

Point of entry (POE) sediment pre-filter. Installed before the whole house water filter system

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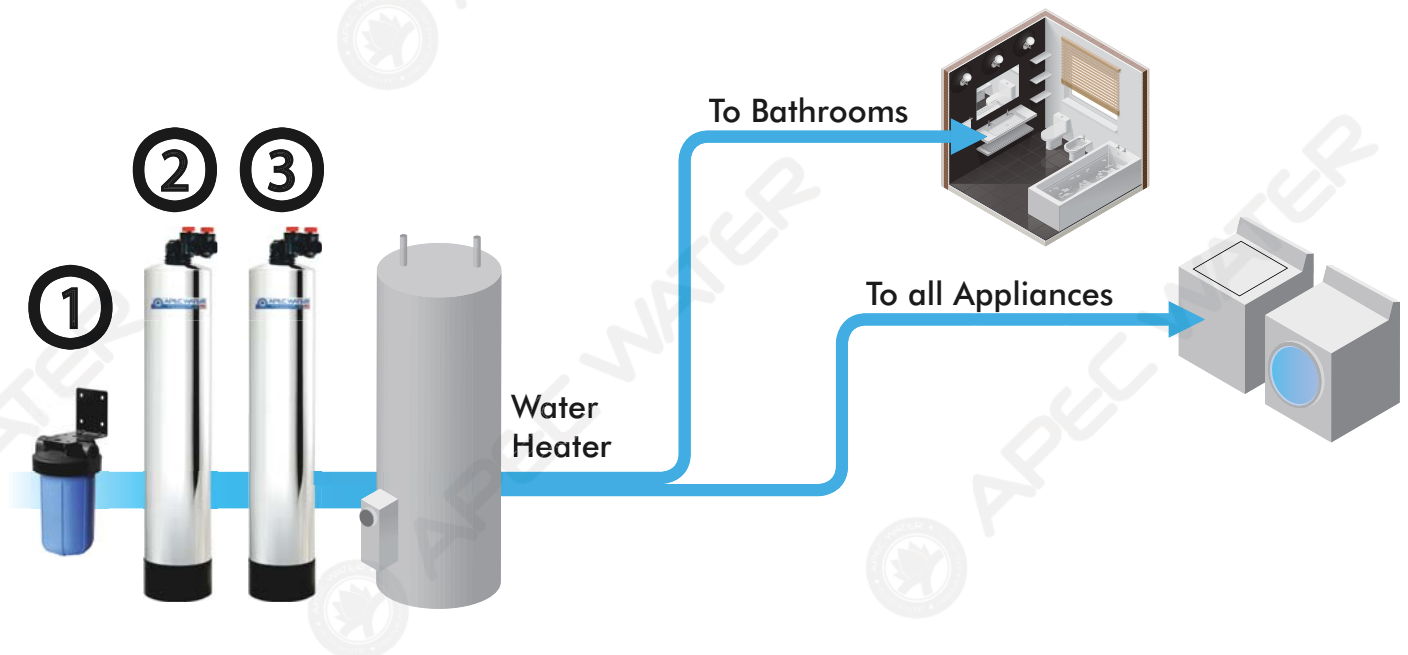
Green Carbon Water Filter

Installed after the Big Blue whole house sediment filter & before the water conditioner

③

Futura Salt-Free Water Conditioner

Installed after the Green Carbon whole house water filter system & before the water heater



GET TO KNOW YOUR SYSTEM:

The Whole House Solution is a multi-stage water filtration system made up of two specialized water purification units a whole house water filter system and a whole house water conditioner. Please read the guide below to get a basic understanding of the different individual systems in your Whole House Solution package.

①



Stage 1: 10" PRE-TREATMENT SEDIMENT FILTER

The 10" Big Blue sediment pre-filter is extremely effective in the removal of dirt, sand, silt, scale and rust particles. The pleated sediment filter is reusable and washable, prolonging the lifespan of the whole house water filter system. This top quality, super long lasting filter provides high flow rate with almost no pressure drop. It should be installed after the main water valve to treat water at the entry point going into your home.

(Please see Whole House Water Filters manual for installation.)

②



Stage 2: GREEN CARBON WATER FILTER

The Green Carbon water filter system removes chlorine, chloramines, sediment and odors from the water throughout your entire home. You will be able to remove allergy causing chemicals, prevent dry sensitive skin and enjoy spa quality water at every faucet. This whole house filter should be installed after Pre-Treatment Sediment Filter.

(Please see Green Carbon Water Conditioner System manual for installation.)

③



Stage 3: FUTURA SALT-FREE WATER CONDITIONER

The FUTURA whole house water conditioner provides naturally soft water without using salts or chemicals. Benefits include reduced hard water scale for long-lasting appliances and pipes, minimized water spots for easier cleaning, and softer skin and smoother hair. This unit is the 3rd stage system and it should be installed right after the Green Carbon but ahead of your existing water heater in the garage or basement.

(Please see Futura System manual for installation.)

(Note: This is only a basic introduction to the Whole House Solution System's features and setup. For complete installation information, please refer to the installation manual that is provided for each individual system).

QUICK INSTALLATION DIAGRAM for Whole House Green Carbon & Futura System

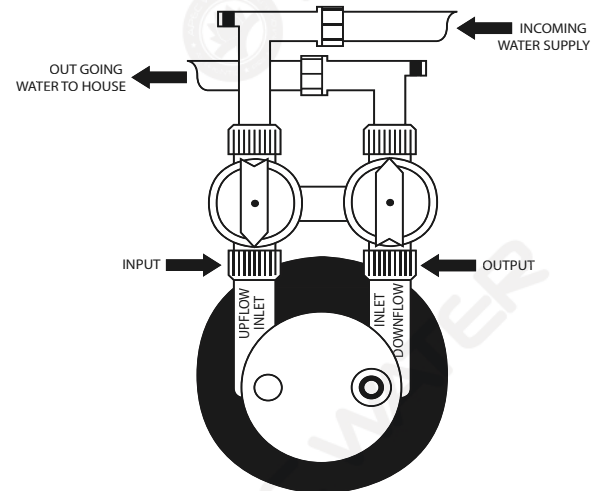
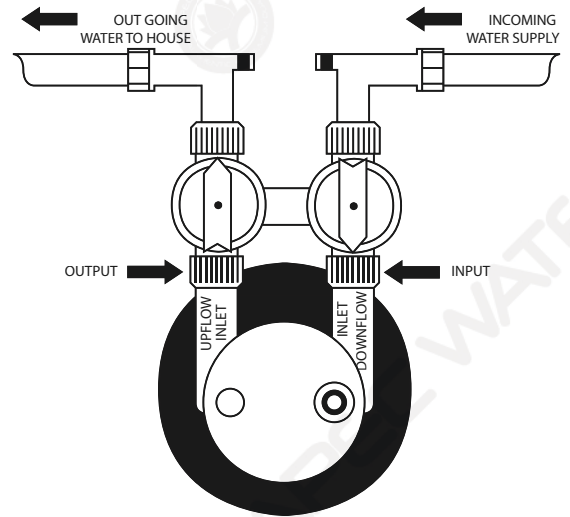
Pre Installation Preparation:

For Green Carbon Water Filter

Once the media tank is installed on the main water pipe, you must **Flush Out** the Carbon media for 10-15 minutes or until the water runs clear. Please review Green Carbon Installation & Owner's Manual on **Page 7** for detailed flushing instruction.

For Futura Salt Free Water Conditioner

The media in the Futura Conditioner is recommended to be soaked by water for 15 to 20 minutes before usage. The salt free ceramic media has already been placed in the Futura media tank by the manufacturer. Place the Futura Conditioner at the location of Installation, as the tank will be heavy to move once filled with water. Once the system input/output connections are connected, please turn on the incoming water supply to fill the Futura Conditioner and soak the media for 15-20 minutes before using water at the home.

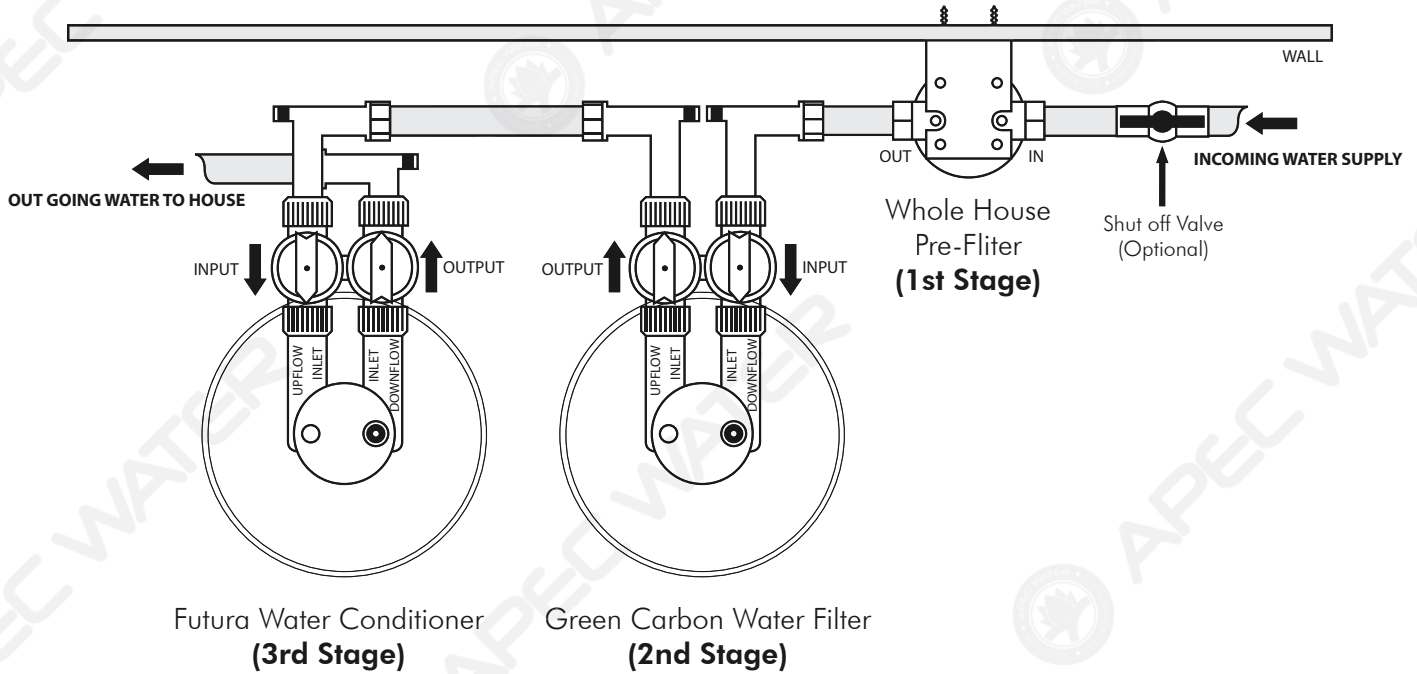


Determine Installation Location For Installing Both Units:

- Do Not install the units with less than 5 feet of piping between its outlet and the inlet of the water heater.
- Do Not install the units where the location is subjected to room temperatures under 34 degrees Fahrenheit.
- The tanks should be on a firm, level surface.
- Provided the drain line is not reduced, the drain line for the Green Carbon **should not exceed 5 feet Vertical**. It is best to use a 1/2" ID (inner diameter) or larger drain line.

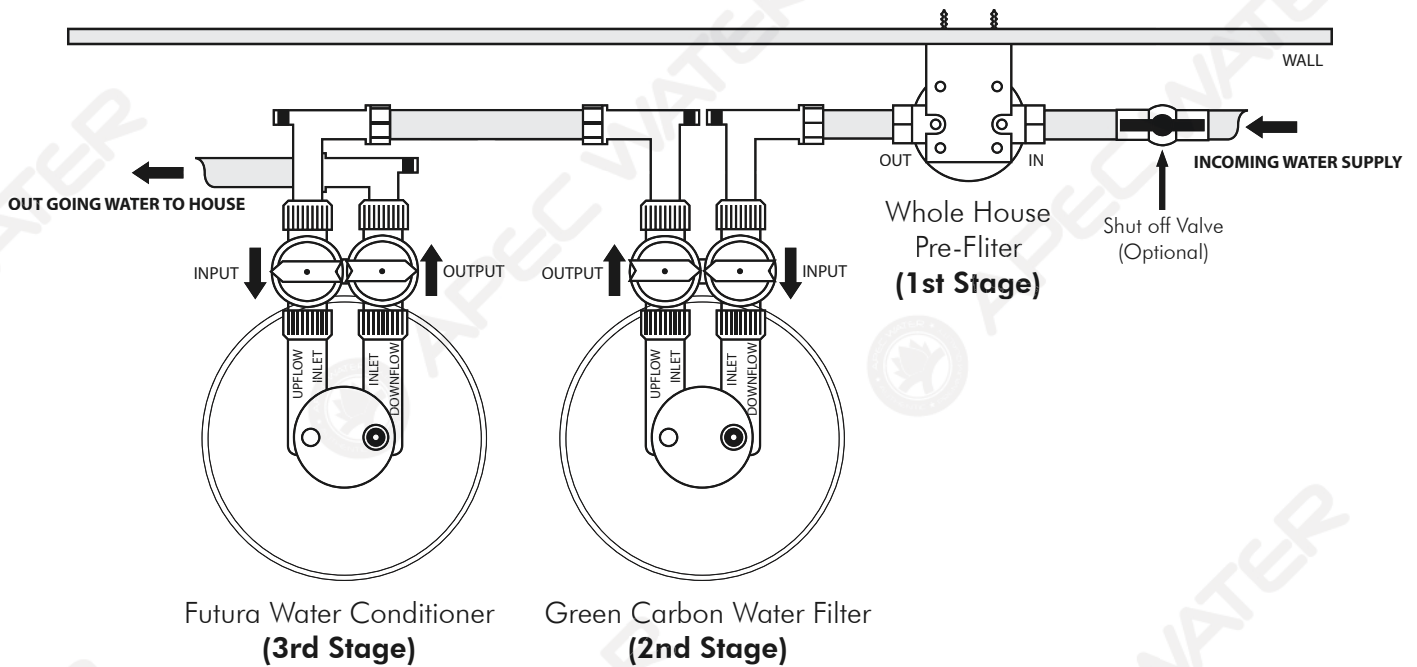
System Installation:

This is an overview for system installation.



SHUTTING OFF WATER TO THE SYSTEM FOR MAINTENANCE

To **shut off water** to the system, please position arrow handles as shown in the bypass operation diagram below. If your valve doesn't look like the diagram below, contact your service technician for instructions on how to shut off water.



WARRANTY POLICY

Please refer to individual system manual for warranty coverage and details.



Advanced Purification Engineering Corp.

1320 S Johnson Drive
City of Industry, CA 91745

For questions or comments please visit our website at:

FreeDrinkingWater.com

For technical support contact us at:

**Techsupport@freedrinkingwater.com
1-800-880-4808**