



HIGH FLOW WHOLE HOUSE WATER FILTER
PC1865-P | PC2162-P



TABLE OF CONTENTS

IMPORTANT INFORMATION	2
CUSTOMER SERVICE CONTACT INFORMATION	2
PRODUCT OPERATION AND SPECIFICATIONS	3
COMPLETE PARTS LIST	3
INSTALLATION	
INSTALLATION OVERVIEW	4
CARBON TANK SOAK	5
CARBON TANK WASH	6
CARBON WATER FILTER TANK INSTALLATION	7
COMPLETE THE INSTALLATION	8
MAINTENANCE	8
TROUBLESHOOTING	9
PRODUCT WARRANTY & REGISTRATION FORM.....	10
PRODUCT CERTIFICATIONS	11

IMPORTANT INFORMATION

- Read these instructions carefully and determine the location of all system components before beginning installation.
- Check all applicable plumbing, building, and electrical codes for installation compliance.
- Install the system on the main water supply.
- The use of plumbers tape and/or pipe thread seal paste will be needed on all threaded connections.
- To condition all water in the home, install the Carbon Water Filter System close to the water supply inlet, and upstream of all other plumbing connections, except outside water pipes. Outside faucets should remain on unfiltered water.
- Systems that contain electronic components cannot be installed outside in uncovered areas.

WARNING

Installing this system in a metal (conductive) plumbing system, i.e., copper or galvanized metal, will interrupt the continuity of the plumbing system and grounding source in some homes. If your home's electrical appliances are grounded through the plumbing system, you will need to install a bypass that consists of the same material as the existing plumbing or a grounded "jumper wire" to bridge the equipment and re-establish the contiguous conductive nature of the plumbing before using this Pentair system. Failure to do so can result in errant electricity from improperly grounded appliances or potential galvanic activity in the plumbing system, which could increase the risk of fire or injury while using your home appliances. Please consult a licensed electrician before attempting to install.

CAUTION

When adding this system to homes/buildings supplied by well water, the system should be installed following the pressure tank. **DO NOT USE this system for pneumatic or hydro-pneumatic applications. If you are using a booster pump, then install this system following the booster pump.** If you have questions, please call customer service.

Customer Service Contact Information Section

Homeowners Phone: 877.842.1635

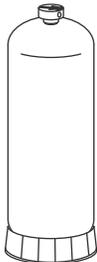
Professionals Phone: 877.842.1635

PRODUCT OPERATION AND SPECIFICATIONS

Specification Description	PC1865-P	PC2162-P
Rated Service Flow Rate	30 GPM	35 GPM
Minimum Working Pressure	25 PSI	
Maximum Working Pressure	80 PSI	
Maximum Vacuum	5 inch/127 mm Hg	
Operating Temperatures	36°F - 120°F	
pH Range	6 - 11	

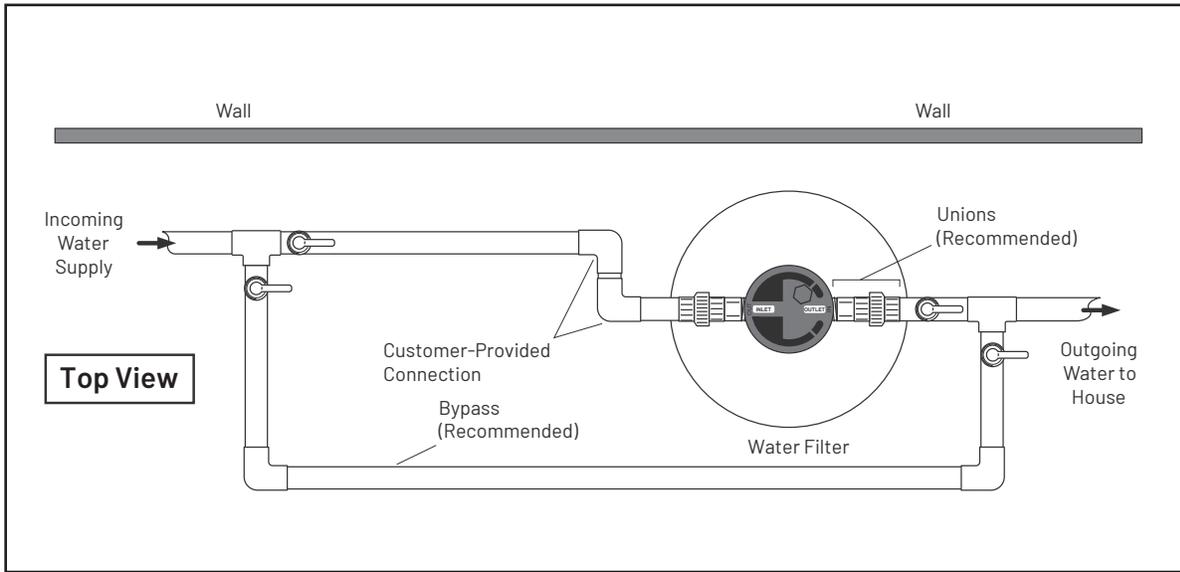
COMPLETE PARTS LIST

Note: The parts supplied are intended to accommodate a variety of water supply lines. Additional fittings may be needed to fit to your plumbing. Visit pentair.com to view our full line of installation kits.

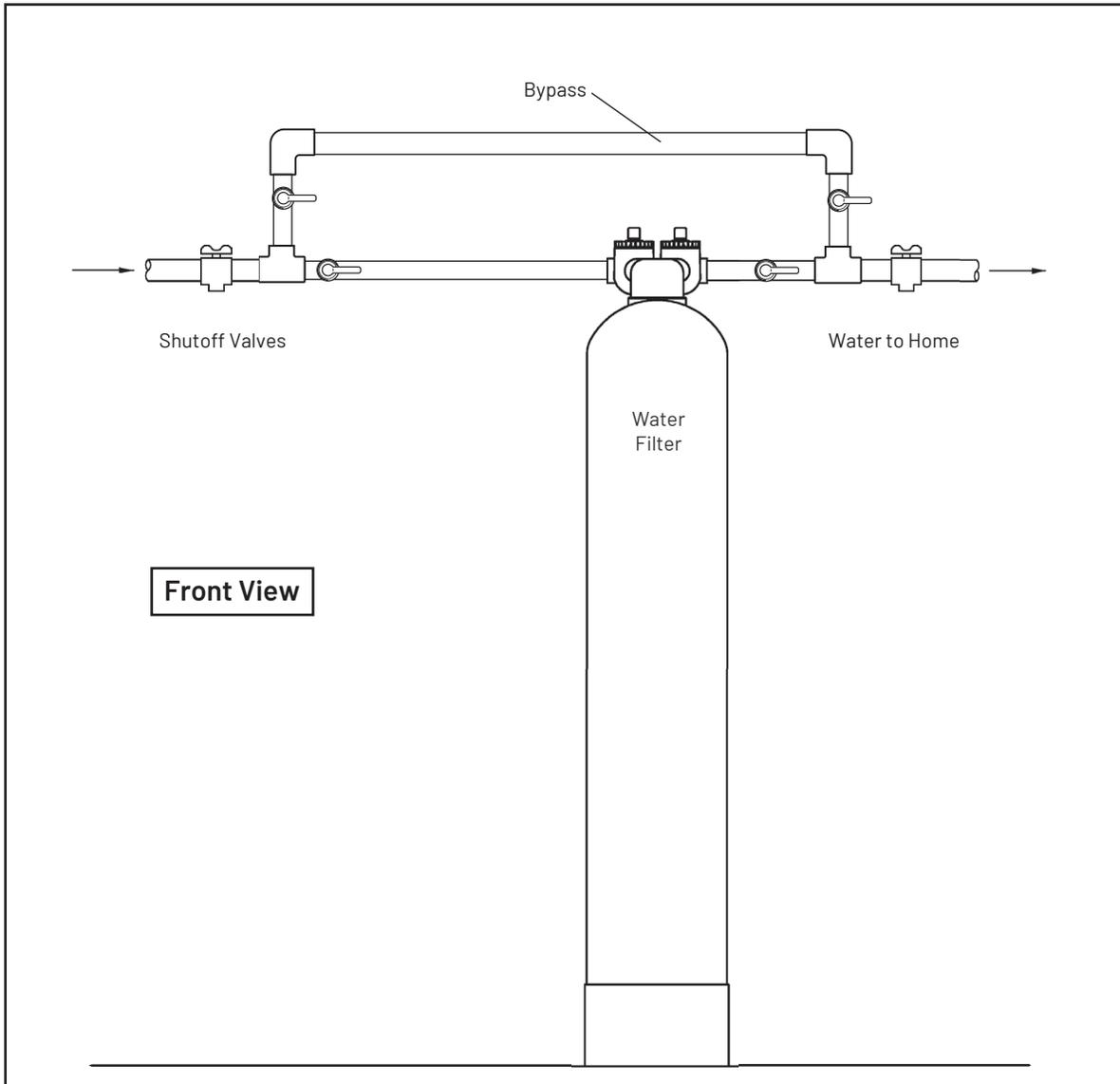
Part	Description	Qty.	Part	Description	Qty.
	PVC Adaptor: 1-1/2" to 1" Threaded PVC Adaptor Note: For Use with Tank Head	2		PVC Adaptor: 1" to 3/4" Threaded PVC Adaptor Note: For Use with Tank Head	2
	Funnel	1		Bags of Media 1865 - boxes 2162 - boxes	4 6
	3/4" PVC Hose Bib	2		Tank	1
	Tank Head	1			

Note: Drawings are not to scale.
Additional fittings will be needed to adapt to your plumbing.

INSTALLATION OVERVIEW



Note: The plumber should follow the stickers on the head.



MEDIA LOAD

Note: Two people are recommended to complete these steps.

1. If the head is attached to the tank, unscrew it and set aside.
2. Inside the tank there will be a distributor tube. Place a piece of painter's tape on top of the distributor tube to avoid media spilling into the tube.
3. Place the provided funnel securely in the tank and hold in place.
4. Load all of the provided media into the tank.
5. Clean the top of the tank and the threads, and remove the painter's tape.
6. Screw the head back to the tank, ensuring the upper basket attaches over the distributor tube.

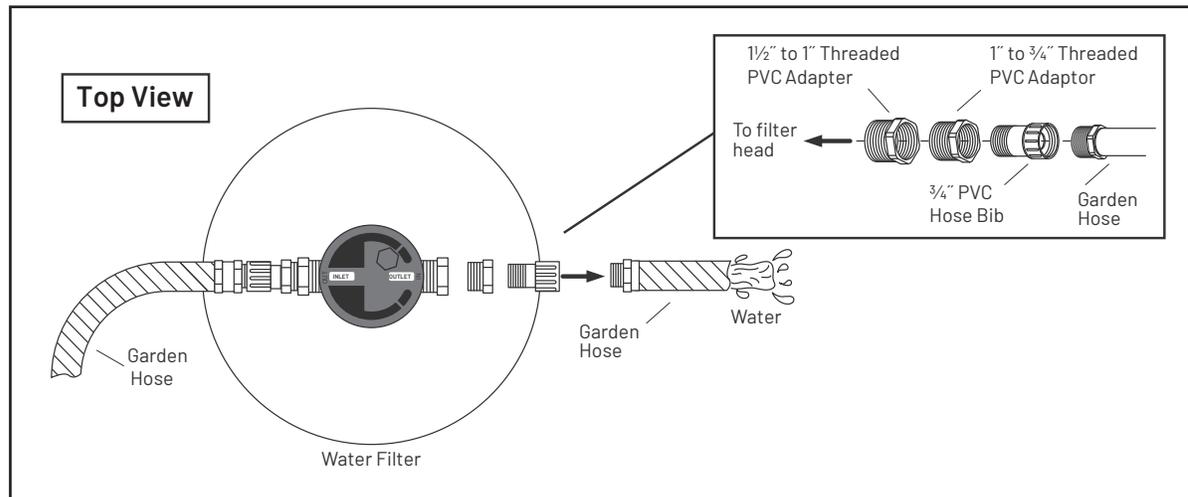
CARBON TANK SOAK

Note: Your system will not be ready for use for a minimum of 48 hours while the Carbon Soak process takes place. Please plan your installation accordingly.



Notice

Water will flow out of the filter head during this process. Be sure you perform this series of steps in allocation suitable for water flow.



Carbon Tank Soak

Note: Steps 1-8 should be done prior to installation

1. Connect the 1-1/2" threaded PVC adapter to the inlet side of the tank head.
2. Connect the 1" threaded PVC adapter into the 1-1/2" adapter.
3. Connect the 3/4" PVC hose bib into the 1" adapter.
4. Connect your garden hose to the hose bib adapter.
5. Repeat steps 1-4 on the Outlet side of the tank head.
6. Fill the Pentair Carbon Water Filter System tank full until water flows out of the second hose.
7. Turn the water off.
8. Allow the carbon tank to soak for at least 48 hours prior to tank installation.

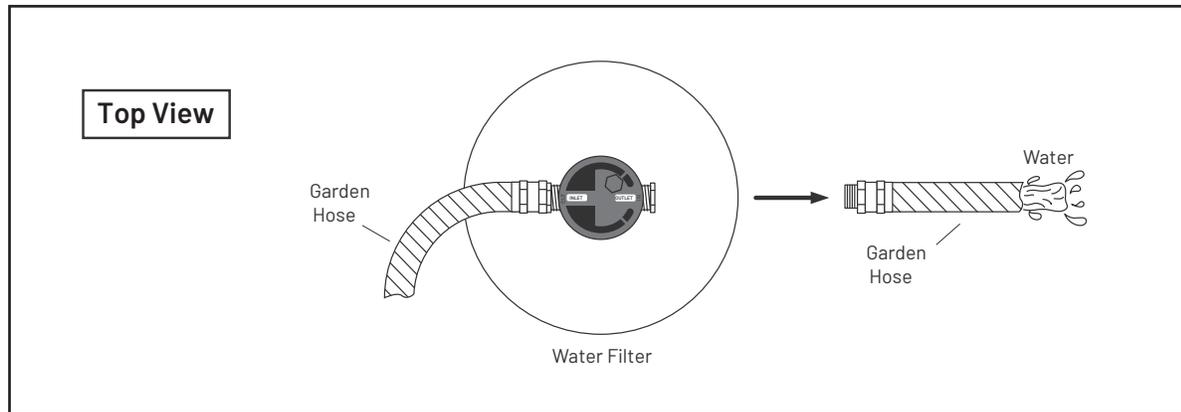
CARBON TANK WASH

Note: Do not perform the Carbon Tank Wash until the Carbon Tank Soak process is complete.



Notice

Water will flow out of the filter head during this process. Be sure you perform this series of steps in a location suitable for water flow.



Carbon Tank Wash

1. Slowly turn on the water to the full position for this entire process.
2. Run water through the INLET side of the filter head for 60 minutes.
3. Turn off the water.
4. Remove the hoses and the hose bib adaptors.

CARBON WATER FILTER TANK INSTALLATION

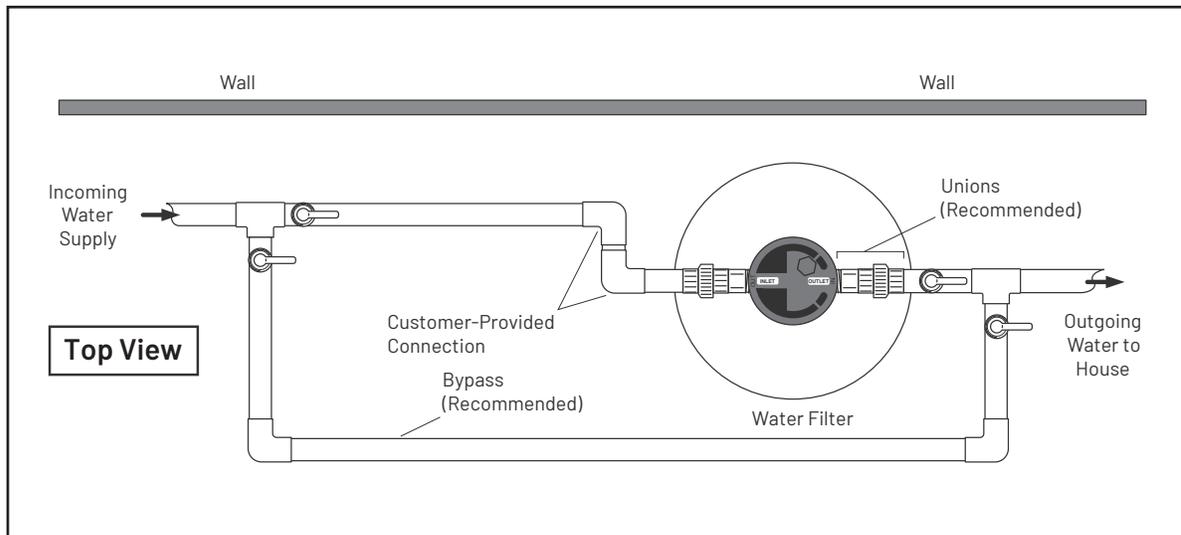
1. Level the Carbon Water Filter System Tank

Note: See "Troubleshooting" section on tips for leveling the tank.



Notice

If the tank is not level, lift the tank straight up six (6) inches and tap it on the ground until the tank stands vertical. The bottom of the tank is round and the boot allows the tank to stand upright.



2. Determine the size and material of your incoming water supply line from the Carbon Water Filter and choose the appropriate fittings required to connect it to the filter head.



Caution

Do not over-tighten any of the fittings during installation.

Note: Visit pentair.com/homewater to view our full line of installation kits.

3. Install the fittings into the INLET and OUTLET sides of the filter head.
4. Connect the incoming water supply to the fitting on the INLET side of the filter head.
5. Connect the outgoing water supply to the OUTLET side of the filter head

COMPLETE THE INSTALLATION

1. Turn on the main water supply.
2. Check for leaks.

Caution

Avoid high flow rates such as bathtub, utility sinks, hose bibs, multi-headed showers, body sprayers, or anything that is considered high flow for the first 72 hours to avoid flow restrictions caused by carbon blockage of the top basket inside the carbon tank.

Caution

Carbon dust may be released into the water lines of the house/building during the first few days of water use after carbon tank installation. The carbon dust is harmless, but may give the water a gray appearance that should diminish within a week or 10 days depending on water use.

MAINTENANCE

Media Replacement

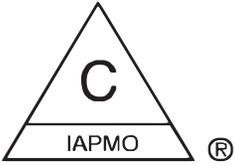
Your Pentair Custom Premium Whole House Water Filter requires care and cleaning after a period of 5 years. Replacement media and instructions can be ordered on-line at www.pentair.com/homewater or by calling 877-842-1635.

TROUBLESHOOTING

Problem	Solution
Water leaking at the top of the tank around the head.	You may need to turn the head to tighten it. The tank head is pre-installed hand-tight, do not overtighten the head (just turn it snug).
The tank leans to one side or is not level.	If the tank is not level, lift the tank straight up 6 inches and tap it on the ground until the tank stands vertical. The bottom of the tank is round and the boot allows the tank to stand upright.
<p>The diagrams illustrate two methods for leveling the tank. The top row shows an unlevel tank (labeled 'Unlevel Tank') with a dashed line representing the water level. An upward arrow indicates lifting the tank, and a downward arrow indicates tapping it on the ground to level it. The bottom row shows an unlevel tank with an unlevel boot (labeled 'Unlevel Boot'). An upward arrow indicates lifting the tank, and a downward arrow indicates leveling the tank (labeled 'Level Tank') by adjusting the boot.</p>	

Notice: If you have experienced a Boil Alert or require your system to be sanitized, please go to pentair.com/assets/pwsboilalert for product sanitization instructions.

PRODUCT CERTIFICATIONS



Pentair PC1865-P and PC2162-P are certified By IAPMO R&T to NSF/ANSI 61 for material safety.

WARNING

Do not use where water is microbiologically unsafe or with water of unknown quality without proper disinfection before or after the filter/softener system.



2395 Apopka Blvd. | Apopka, FL 32703 | United States
P: 877.842.1635 | Technical Services: 877.842.1635 | [pentair.com/homewater](https://www.pentair.com/homewater)

© 2022 Pentair. All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners.

4006019 Rev B 0C22