



Owner's Manual

Pelican Custom
Premium WHWF 1865/2162

© Copyright 2013 Enviro Water Solutions Inc. All rights reserved.

All information contained herein is the property of Pelican Water Systems. Pelican Water Systems makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Pelican Water Systems shall not be liable for technical or editorial errors or omissions contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material. The information is provided "as is" without warranty of any kind and is subject to change without notice. This document contains proprietary information which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Pelican Water Systems. Pelican Water Systems is an Enviro Water Solutions, Inc. company.

Table of Contents

| | |
|---|-----------|
| Table of Contents | 3 |
| Product Operation and Specifications | 4 |
| Important Information | 4 |
| Complete Parts List | 5 |
| Installation Overview | 6 |
| Media Load | 6 |
| Carbon Tank Soak | 7 |
| Carbon Tank Wash | 8 |
| Installation | 9 |
| Whole House Water Filter Tank Installation | 9 |
| Complete the Installation | 9 |
| Care and Cleaning | 10 |
| Premium Whole House Water Filter | 10 |
| Warranty | 11 |
| Warranty Registration Form | 12 |

Product Operation and Specifications

| Specification Description | 1865 | 2162 |
|---------------------------|------------------|--------|
| Rated Service Flow | 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 | |

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.
- Systems that contain electronic components cannot be installed outside in uncovered areas.

!!IMPORTANT!

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

WARNING:

If this or any other system is installed in a metal (conductive) plumbing system, i.e. copper or galvanized metal, the plastic components of the system will interrupt the continuity of the plumbing system. As a result any errant electricity from improperly grounded appliances downstream or potential galvanic activity in the plumbing system can no longer ground through contiguous metal plumbing. Some homes may have been built in accordance with building codes, which actually encouraged the grounding of electrical appliances through the plumbing system. Consequently, the installation of a bypass consisting of the same material as the existing plumbing, or a grounded "jumper wire" bridging the equipment and re-establishing the contiguous conductive nature of the plumbing system must be installed prior to your systems use.




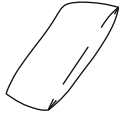
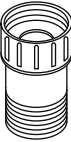
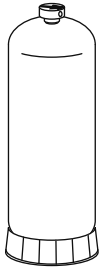
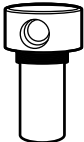
CAUTION:

When adding a filtration/softening 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.

Complete Parts List

Note: Pelican supplies the parts below to accommodate a variety of water supply lines.

Table 1: Parts List

| Part | Description | Qty. | Part | Description | Qty. |
|---|--|------|--|--|--------|
|  | PVC Adapter: 1-1/2" to 1" Threaded PVC Adapter Note: For Use with Tank Head | 2 |  | PVC Adapter: 1" to 3/4" Threaded PVC Adapter 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 Model | 1 |
|  | Tank Head | 1 | | | |

Note: Drawings are not to scale.

Additional fittings will be needed to adapt to your plumbing.

Installation Overview

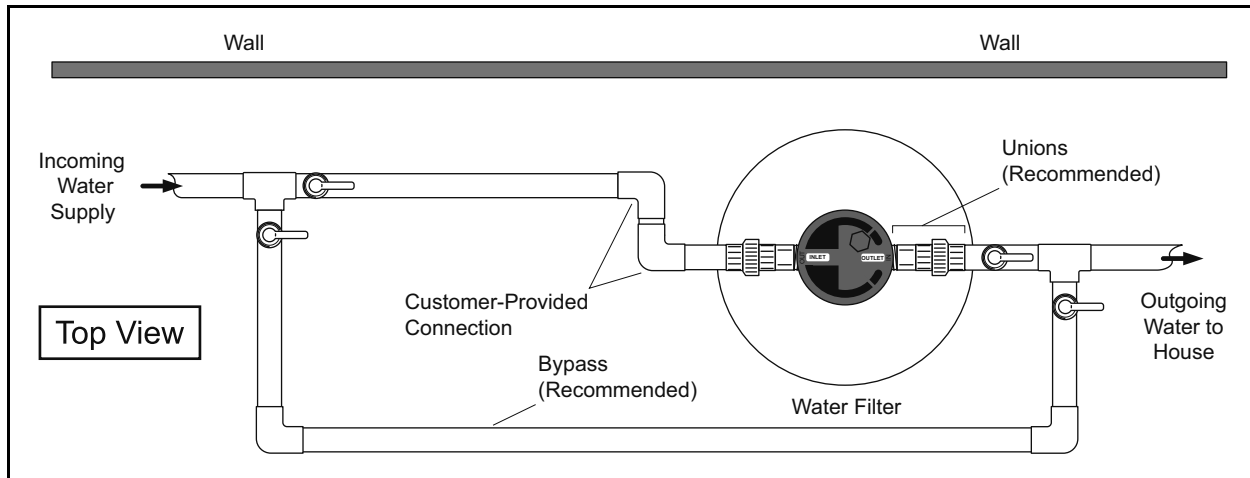


Figure 1

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

!!IMPORTANT!

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 a location suitable for water flow.

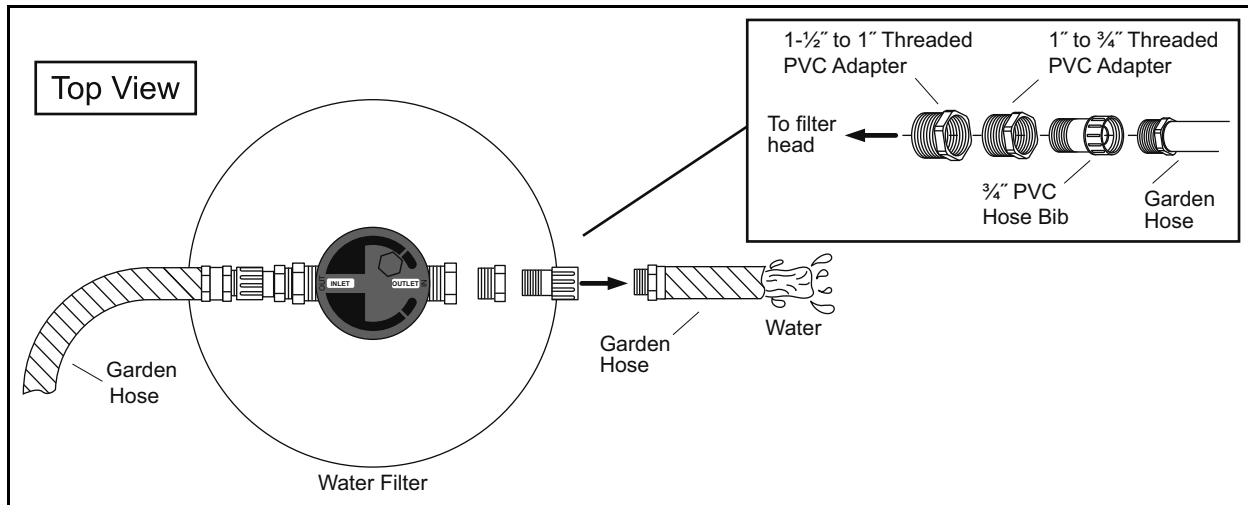


Figure 2

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 Pelican Custom Premium Whole House Water Filter 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

!!IMPORTANT!!

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.

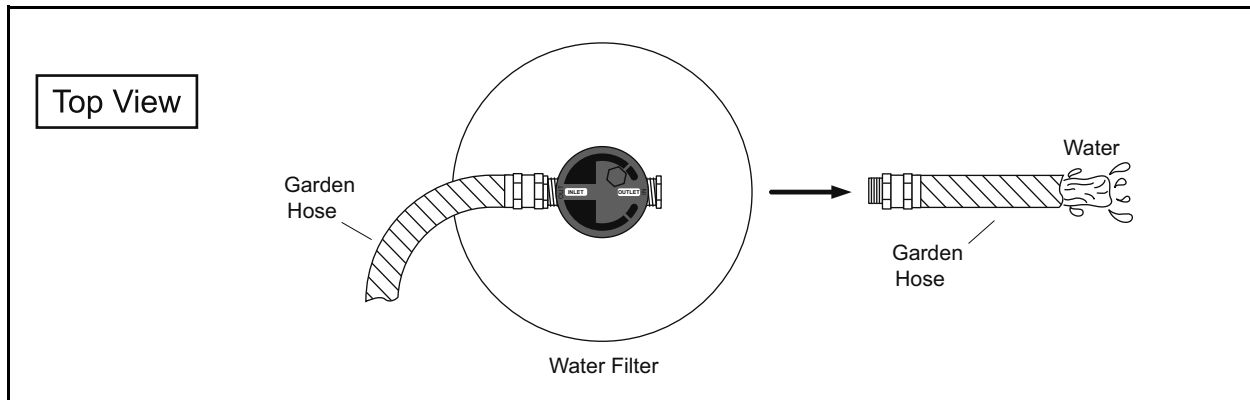


Figure 3

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.

Installation

Whole House Water Filter Tank Installation

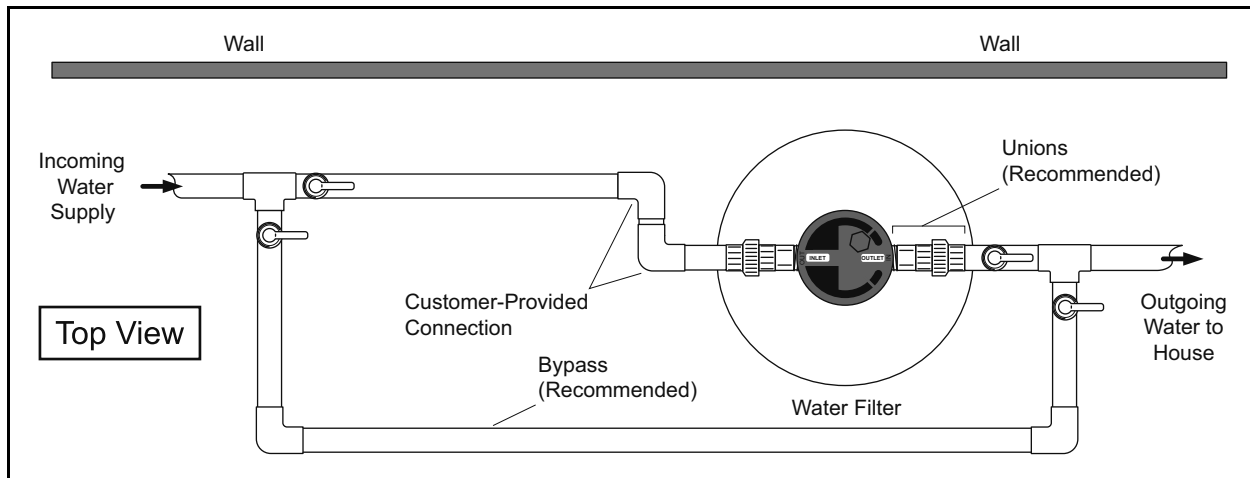


Figure 4

1. Determine the size and material of your incoming water supply line and choose the appropriate fittings required to connect it to the filter head.

⚠ CAUTION:

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

2. Install the fitting onto the INLET and OUTLET sides of the filter head.
3. Connect the incoming water supply to the INLET side of the filter head.
4. 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.

!!IMPORTANT!

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

Care and Cleaning

Premium Whole House Water Filter

Your Pelican 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.pelicanwater.com or by calling 877-842-1635.

Warranty

Pelican 10 Year Limited Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its tanks (14" & larger), valves, in/out non-electric heads, bypass's, fittings and housings ("Covered Items") will be free from defects in material and workmanship under normal use and service for a period of ten years**.

Limitations and Responsibilities

Pelican's obligation to the customer under these warranties shall be limited, at its option, to replacement or repair of Covered Items by these warranties, labor is not covered. Prior to return or repair of Covered Items, the customer must obtain a return goods authorization number from Pelican and at Pelicans option, return the Covered Items freight prepaid. Any Covered Item repaired or replaced under these warranties will be returned prepaid standard freight to the original point of shipment. Expedited freight options are available at customer expense.

No warranty is made with respect to defects or damaged due to neglect, misuse, alterations, accident, misapplication, physical damage, or damaged caused by fire, acts of God, or freezing. These warranties apply only to the original registered owner so long as the owner owns the home in which the unit was originally installed. Customer must register their system with Pelican within 90 days of purchase* in order to obtain a warranty. Warranty will discontinue after the unit is removed from the location where it was originally installed. Warranty begins on the date of delivery of product to the customer. Improper maintenance of system (i.e. not replacing filters or media) on time will be considered "neglect". Installation of any system on water conditions outside of or beyond the recommended specs of any system voids any warranty.

Pelican gives this warranty to the customer in lieu of all other warranties, express or implied, including without limitation any implied warranties of merchantability or fitness for a particular purpose or treatment of certain water and hereby expressly disclaims all other such warranties. Pelican's liability hereunder shall not exceed the cost of the product. Under no circumstances will Pelican be liable for any incidental or consequential damages or for any other loss, damage or expense of any kind, including loss of use, arising in connection with the installation or use or inability to use the Covered Items or any water treatment system the Covered Items are incorporated into. These warranties are governed by the laws of the state of Florida and may change at any time without notice.

*Failure by California and Quebec residents to complete the product registration form does not diminish their warranty rights.

**For all orders placed on or after June 3rd, 2011.

Warranty Registration Form

Send in this Warranty Registration Form to validate your warranty or visit www.PelicanWater.com to complete warranty registration form online.

Pelican Warranty Registration Form

| | | |
|------------------------------------|-------------------|---------------|
| Date Item(s) were Received: | Order ID#: | Model: |
| _____ | _____ | _____ |
| Dealer Purchased From: | | |
| _____ | | |
| Model/Serial Number: | | |
| _____ | | |
| Name: | _____ | |
| Address: | _____ | |
| City: | State: | Zip: |
| _____ | _____ | _____ |

Send To:

Pelican Water Systems
3060 Performance Circle, Suite 2
DeLand, FL 32724
Phone: 1-(877) 842-1635

Plumber's Information (optional)

We like to recommend good plumbers throughout the USA and if you were happy with your installer please give us their information so we can pass it on as a courtesy. Thank you for your time.

Name of Plumbing Company used to install system: _____

Phone #: (____)-_____ of the Plumbing installer