



**Owner's Manual**  
**Calcite Cartridge System**

© Copyright 2011 Enviro Water Solutions, Inc.® All rights reserved.

All information contained herein is the property of Pelican Water Technologies. Pelican Water Technologies 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 Technologies 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 Technologies. Pelican Water Technologies is an Enviro Water Solutions, Inc. company.

---

## Table of Contents

<b>Table of Contents</b> .....	<b>3</b>
<b>Product Operation and Specifications</b> .....	<b>4</b>
<b>Important Information</b> .....	<b>4</b>
<b>Complete Parts List</b> .....	<b>5</b>
<b>Installation Overview</b> .....	<b>6</b>
<b>Assembly</b> .....	<b>7</b>
<b>Installation</b> .....	<b>8</b>
<b>Complete the Installation</b> .....	<b>8</b>
<b>Care and Cleaning</b> .....	<b>9</b>
Calcite Cartridge .....	9
Replacing the Calcite Cartridge .....	9
<b>Warranty</b> .....	<b>11</b>
Warranty Registration Form .....	13

## Product Operation and Specifications

Specification Description	Calcite Cartridge System
Rated Service Flow	1 gpm
Minimum Working Pressure	n/a
Maximum Working Pressure	50 psi
Maximum Vacuum	n/a
Operating Temperatures	40 - 120° F
pH Range	6 - 11

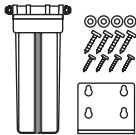


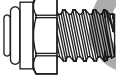
### Important Information

- 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.

## 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.
	<b>Calcite Cartridge System:</b> Housing, Housing Cover, Mounting Bracket, Phillips Head Screws (12)	1		<b>Filter Wrench</b>	1
	<b>Calcite Cartridge</b>	1		<b>Plastic Push-In Connectors</b>	2

**Note:** Drawings are not to scale.

Additional fittings may be needed to adapt to your plumbing.

## Installation Overview

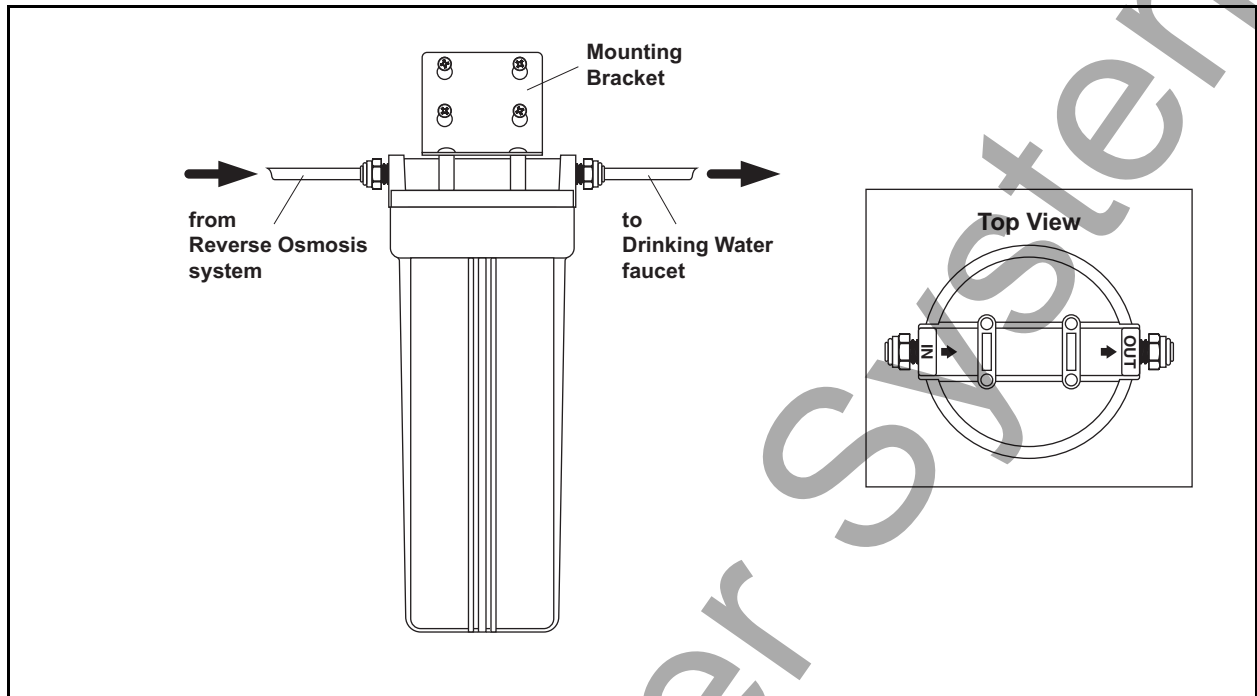
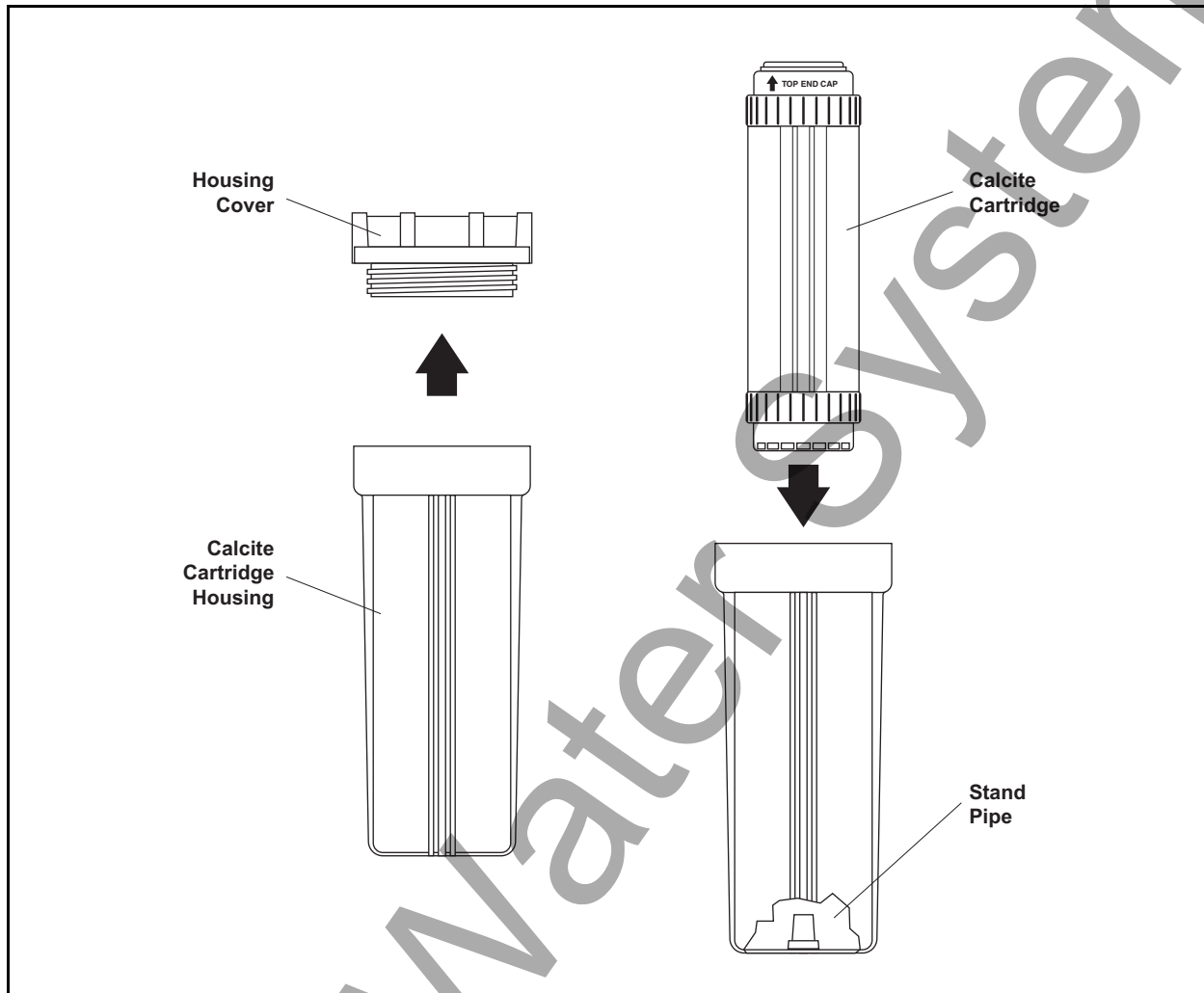


Figure 1

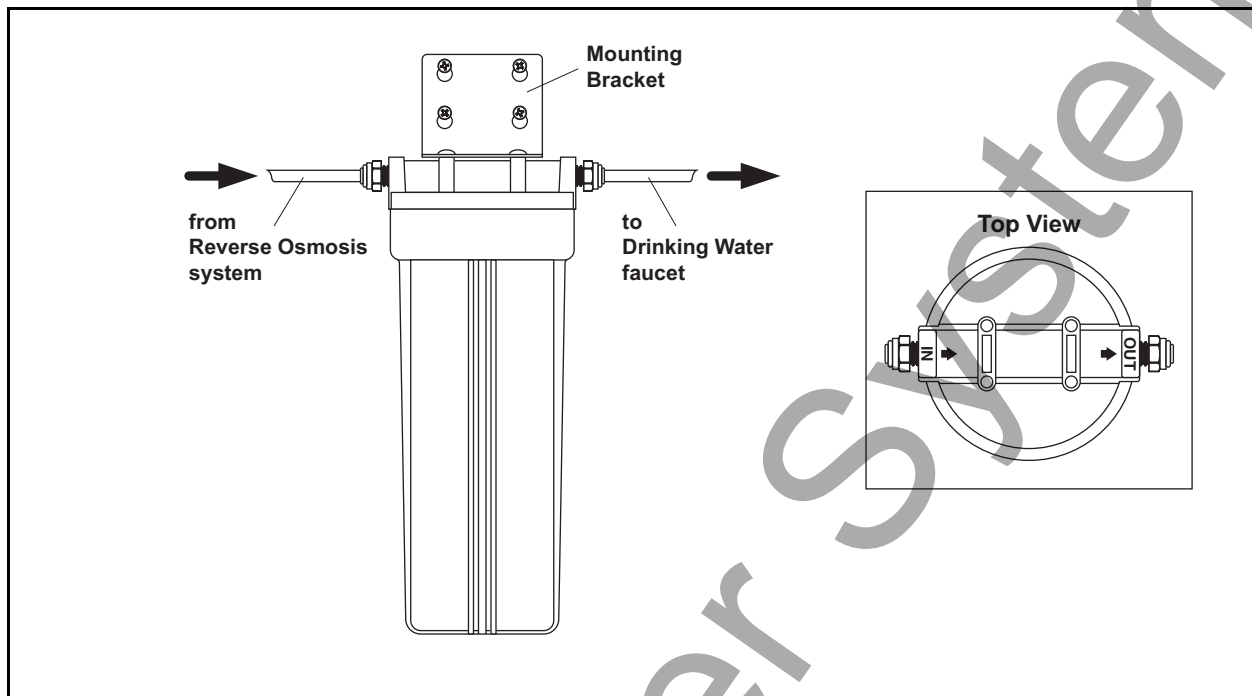
## Assembly



**Figure 2**

1. Unscrew the cover from the Filter Housing.
2. Place the Calcite Cartridge onto the Stand Pipe in the Filter Housing, ensuring the end labeled "Top End Cap" is facing up.
3. Screw the cover onto the Filter Housing until hand-tight.
4. Screw the plastic Push-In Connectors into the inlet and outlet sides of the housing cover hand-tight.

## Installation



**Figure 3**

1. Shut off the main water supply.
2. Attach the Mounting Bracket to the wall using the supplied Phillips Head Screws.
3. Attach the Calcite Cartridge System to the Mounting Bracket using the supplied Phillips Head Screws.
4. Tighten the Filter Housing using the supplied Filter Wrench (counter clockwise).
5. Insert the inlet water supply line tubing from the Reverse Osmosis system into the Push-In Connector on the inlet side of the housing cover. You will hear a click when the tubing is properly seated in the connector.
6. Insert the outlet water supply line tubing to the Drinking Water faucet into the Push-In Connector on the outlet side of the housing cover.

**Note:** Do not over-tighten any of the fittings during installation. All fittings should be hand-tight.

## Complete the Installation

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

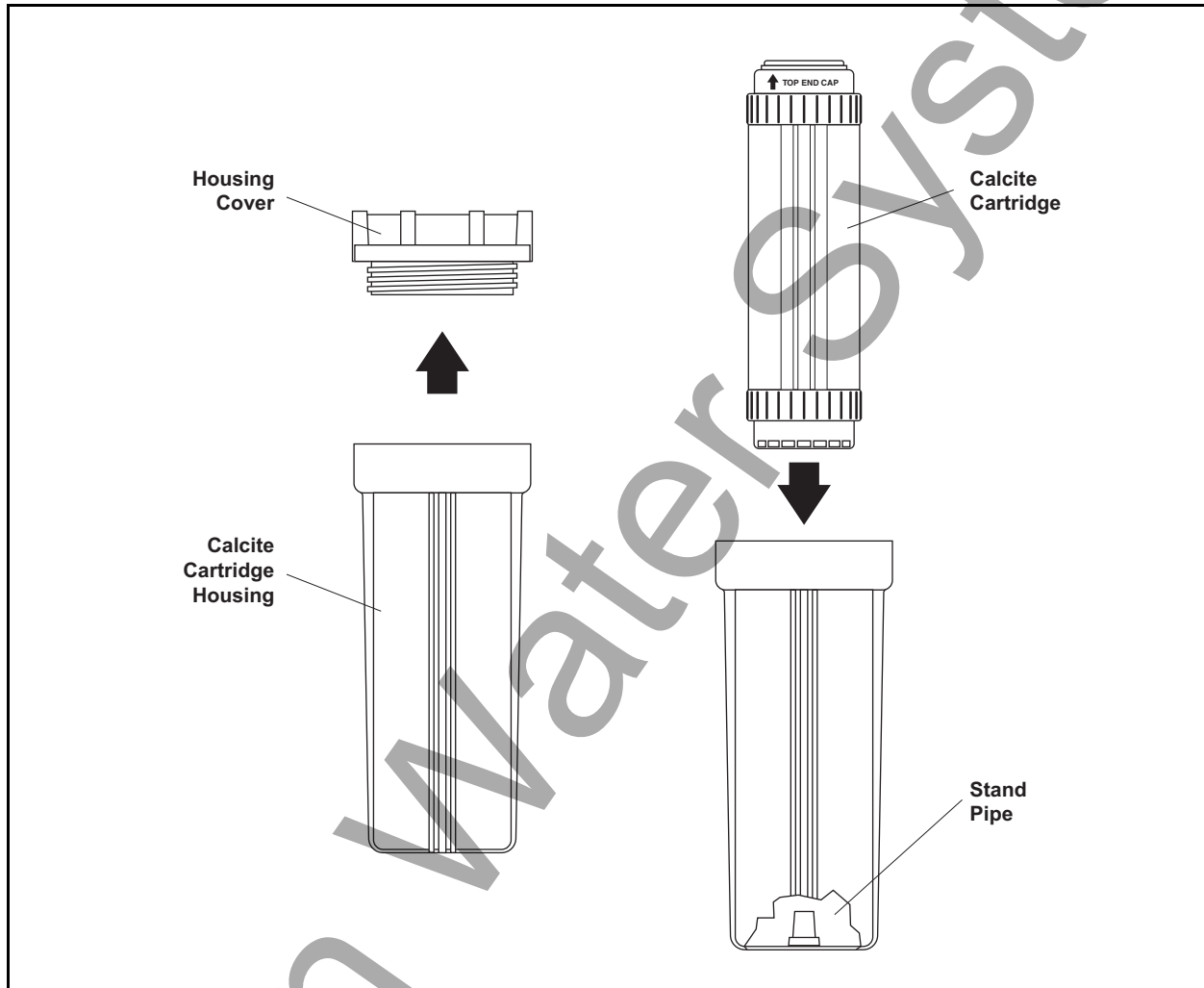


## Care and Cleaning

### Calcite Cartridge

It is recommended that the Calcite Cartridge be replaced every 12 months.

### Replacing the Calcite Cartridge



**Figure 4**

1. Turn off the water supply to the Calcite Cartridge System.
2. Run the faucet (cold water) connected to the system to relieve the pressure.
3. Unscrew the Filter Housing clockwise using the supplied Filter Wrench.
4. Remove the existing Calcite Cartridge and discard.

5. Remove the O-Ring and wipe the groove and O-Ring clean. Lubricate the O-Ring with a coating of clean silicone grease. Replace O-Ring and press the O-Ring down into the groove with two fingers.

**Note:** This step is important to ensure the proper filter seal. Make sure the O-Ring is seated level in the groove. If the O-Ring appears damaged, stretched, or crimped it should be replaced at this time.

6. Place a new Calcite Cartridge onto the Stand Pipe in the Filter Housing, ensuring the end labeled "Top End Cap" is facing up.
7. Screw the Filter Housing onto the Housing Cover until hand-tight.
8. Turn on water supply slowly to allow the Calcite Cartridge System to fill with water.
9. Check for leaks.

## Warranty

### Pelican's Limited Lifetime Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its tanks (13" & smaller), 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 the life of the system\*\*.

### Pelican 5 Year Limited Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its retention tanks and solid-state electronic heads ("Covered Items") will be free from defects in material and workmanship under normal use and service for a period of 5 years.

### Pelican 2 Year Limited Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its metering pump motor ("Covered Items") will be free from defects in material and workmanship under normal use and service for a period of 2 years.

### Pelican 1 Year Limited Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its metering pump tubing, RO Systems and flow control switches ("Covered Items") will be free from defects in material and workmanship under normal use and service for a period of 1 year.

### 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 Pelican's 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.

---

Manufacturer's Performance Guarantee

The Pelican PC600 Premium Whole House Water Filter is guaranteed to perform for 600,000 gallons or (5) years whichever comes first. The Pelican PC1000 Premium Whole House Water Filter is guaranteed to perform for 1,000,000 gallons or (5) years whichever comes first. The authorized dealers shall be responsible for the repair or replacement of defective media only, labor to replace the media is the responsibility of the purchaser.

---

## Warranty Registration Form

Send in this Warranty Registration Form to validate your warranty or visit [www.PelicanWaterTechnologies.com](http://www.PelicanWaterTechnologies.com) to complete warranty registration form.

---

### Pelican Warranty Registration Form

<b>Date Item(s) were Received:</b>	<b>Order ID#:</b>	<b>Model:</b>
_____	_____	_____
<b>Name:</b> _____		
<b>Address:</b> _____		
<b>City:</b> _____	<b>State:</b> _____	<b>Zip:</b> _____

#### Send To:

Pelican Water Technologies  
3060 Performance Circle, Suite 2  
DeLand, FL 32724  
Phone: 1-(877) 849-1635

---

#### 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

---

**!!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.