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Product Operation and Specifications

<table>
<thead>
<tr>
<th>Specification Description</th>
<th>PCL3</th>
<th>PCL6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Flow Rate</td>
<td>10 GPM</td>
<td>15 GPM</td>
</tr>
<tr>
<td>Minimum Working Pressure</td>
<td>25 PSI</td>
<td></td>
</tr>
<tr>
<td>Maximum Working Pressure</td>
<td>100 PSI</td>
<td></td>
</tr>
<tr>
<td>Maximum Vacuum</td>
<td>5 inch/127 mm Hg</td>
<td></td>
</tr>
<tr>
<td>Operating Temperatures</td>
<td>36°F – 100°F</td>
<td></td>
</tr>
<tr>
<td>pH Range</td>
<td>5.5 - 6.5</td>
<td></td>
</tr>
</tbody>
</table>

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 Teflon Tape and/or Pipe Thread Seal Paste will be needed on all threaded connections.
- Systems that contain electronic components cannot be installed outside in uncovered areas.

⚠️ 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

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bypass Valve for Electronic Head</td>
<td>1</td>
</tr>
<tr>
<td>PVC Tubing Drain Line (50 ft.)</td>
<td>1</td>
</tr>
<tr>
<td>Electronic Head</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; PVC Tail Adaptor for Electronic Head Bypass</td>
<td>2</td>
</tr>
<tr>
<td>Calcite Tank</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: Drawings are not to scale.
Additional fittings will be needed to adapt to your plumbing.
** BACKWASH LINE TO BE PLUMBED TO A DRAIN

OPTIONAL BYPASS

SHUT OFF VALVES

HOSE SPIGOTS

**
Installation Overview

**Figure 1**

**Pre-Installation**

**Bypass Valve Installation**

**Figure 2**

If the Red Clips are in the slots (female opening of Electronic Head) remove them. Push the male O-Ring side of the Bypass Valve into the female opening of the Electronic Head. Push the Red Clips back into the slots to tighten.

⚠️ **WARNING:**

Do not remove the red clips from the Bypass Valve after connecting to main water supply.
**Bypass Valve Operations**

**Notice:**

The Bypass Valve on the Electronic Head can be set to Bypass or Service by turning the knobs on the top of the valve. The valves can be difficult to turn by hand until the seals become saturated. Use the supplied Bypass Allen Wrench to turn the knobs if necessary.

**IMPORTANT!** Do not remove the red clips from the Bypass Valve after connecting to main water supply.
Installation

Calcite Tank Installation

Figure 3

1. Level the Calcite Tank

⚠️ Notice:
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.

2. Determine the size and material of your incoming water supply line and choose the appropriate fittings required to connect it to the Bypass Valve.

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

Table 2: Bypass Valve Fittings

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1” PVC Tail Adaptor for Electronic Head Bypass</td>
<td>2</td>
</tr>
</tbody>
</table>

3. Remove the gray cap from the top of the Calcite Tank.
4. Screw the Electronic Head onto the tank hand-tight.
5. Install the fittings onto the inlet and outlet, following the labels on the Head.
6. Connect the incoming water supply to the fitting on the inlet side of the Bypass Valve.
7. Connect the outgoing water supply to the outlet side of the Bypass Valve.
8. Firmly press one end of the PVC Tubing Drain Line onto the Drain Line Barb, and secure the other end of the line to a drain.
**IMPORTANT!**
- Ensure the PVC Tubing Backwash Drain Line is not submerged and is free of kinks.
- Maximum vertical rise of the backwash line is 6 feet.
- If incorporating two or more backwashing systems make sure to keep the drain lines separate.

**Complete the Installation**

1. Turn on the main water supply.
2. Check for leaks.
3. Add the Pelican logo sticker in the desired location on the tank.

**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.
**Programming the Electronic Head**

**Note:** Power Source - For safety reasons the outlet must be protected by a Ground Fault Circuit Interrupter (GFCI).

Your system is pre-set to regenerate every 3 days at 2:00 am, the complete process takes 20 minutes

---

**Step 1: Setting the Date & Time**

1. Press and hold the MENU button until you hear the beep to unlock.
2. Press MENU button for menu.
3. Press SET once **Date & Time Setting** is highlighted.
4. Using the UP and DOWN buttons input the correct Date and Time pressing SET after each input.
5. Once set press the MENU button to return to the main menu.

**IMPORTANT!**

You will need to manually regenerate (**Regen Now**) your system prior to use. To do so follow the programming below. You will not be able to use water for 20 minutes during this process.

**Notice:**

In the event of spikes in Iron and Manganese levels you may choose to manually regenerate your system if you experience colored water from your system.

---

**Step 2: Performing a Manual Regeneration**

1. Using the DOWN button select **Manual Regen** and press SET.
2. Using the UP or DOWN button select either **Regen Now** or **Regen Tonight**.  
   - **Regen Now** will start a regeneration process immediately.
   - **Regen Tonight** will regenerate the system at the default regeneration time of 2:00am.
3. Once selected press the SET button to confirm. Gears will make noise and water will start to flow. Allow the system to regenerate for approximately 20 minutes.
4. Once complete press the MENU button to return to the main menu.
5. Your programming is now complete.
Testing pH Levels in Water

1. Ensure your system is not in bypass mode.
2. Turn on the nearest faucet to the system (cold water only).
3. Let water run for 10 minutes.
4. After 10 minutes test the pH of the water at the same sink.
5. If pH test is lower than 7.0 let the system sit for 30 minutes and then go to the same sink and run cold water for 10 minutes again and re-test.

Note: If you have a Natursoft system after the Calcite Tank, you must keep the Natursoft system in bypass mode until the pH test is showing a pH level of the water to be between 7-11.

Maintenance

Calcite Tank Refill

When the tank is 1/3 full, consider replacing media.

How to refill calcite tank:

1. Turn main water supply OFF.
2. Bypass all other tanks except the calcite tank.
3. Turn on the closest cold water faucet to relieve pressure. Wait until the faucet runs dry.
4. Open side port on the calcite tank.
5. Siphon out water down to calcite level.
7. DO NOT OVERFILL WITH CALCITE. Leave 12" from top of tank empty.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water leaking at the top of the tank around the head.</td>
<td>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).</td>
</tr>
<tr>
<td>The tank leans to one side or is not level.</td>
<td>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.</td>
</tr>
<tr>
<td>How do I know how full the tank is?</td>
<td>Use a flash light and shine it at the tank to determine how full the tank is.</td>
</tr>
</tbody>
</table>
Warranty

Pelicans Limited Lifetime Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its tanks (13" and smaller), valves, in/out non-electric heads, bypass's, fittings and housings for POE systems ("Covered Items") will be free from defects in material and workmanship under normal use and service for a limited lifetime of twelve (12) years from the date of original purchase**.

Pelican 7 Year Limited Warranty

Pelican Water ("Pelican") warrants to the end user ("customer") that its solid-state electronic heads ("Covered Items") from April 1st, 2017 on, will be free from defects in material and workmanship under normal use and service for a period of 7 years from the date of original purchase.

Limitations and Responsibilities

Pelican's obligation to the customer under these warranties shall be limited, at Pelican's option, to replacement or repair of Covered Items by these warranties, labor is not covered. These warranties do not cover replacement filter cartridges, elements or lamps. Prior to return or repair of Covered Items, the customer must obtain a return goods authorization number from Pelican by/at 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, and is explicitly excluded, with respect to defects or damages 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/lives in 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 (ie not replacing filters or media, for example) on time will be considered "neglect" and explicitly excluded from the warranty. 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 original owner/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. THE WARRANTIES PELICAN GIVES IN THE ABOVE PARAGRAPHS ARE EXCLUSIVE, PELICAN DISCLAIMS ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR IMPLIED WARRANTY OF WORKMANLIKE PERFORMANCE. 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

<table>
<thead>
<tr>
<th>Date Item(s) were Received:</th>
<th>Order ID#:</th>
<th>Model:</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______________________</td>
<td>___________________</td>
<td>___________________</td>
</tr>
</tbody>
</table>

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