

INSTALLATION AND PRODUCT USE GUIDE

SEAGULL® IV • *Select*



Faucet included with
Part No. 830340

Faucet not included with
Part No. 830342



General Ecology, Inc.

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610-363-7900
A Loar Group Company

System Model

Seagull IV Select X2-PB **Part No. 830340**
Seagull IV Select X2-PB Basic **Part No. 830342**

Replacement Element

PB-2SG **Part No. 789080**

Max Pressure 860 kPa (125 psig)

Max Temperature 38°C (100 °F)

Rated Service Flow 7.6 L/min (2 gpm)

Rated Capacity 7,600 Liters (2,000 gallons)

For Cold Water Use.

System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of lead, cysts, chlorine, taste and odor.

NSF®

This system should be installed to comply with state and local laws and regulations

After installation of a new cartridge the system should be flushed at full flow rate for six (6) minutes to purge air and fines from the system.

Cartridge capacity will be effected by source water quality and system operating conditions

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Cartridge should be replaced after 2,000 gallons, annually, when flow rate decreases or if unusual taste or odor is observed.

Replacement cartridges are available from your local distributor or from General Ecology, Inc.

SEAGULL® IV • *Select* System Parts List

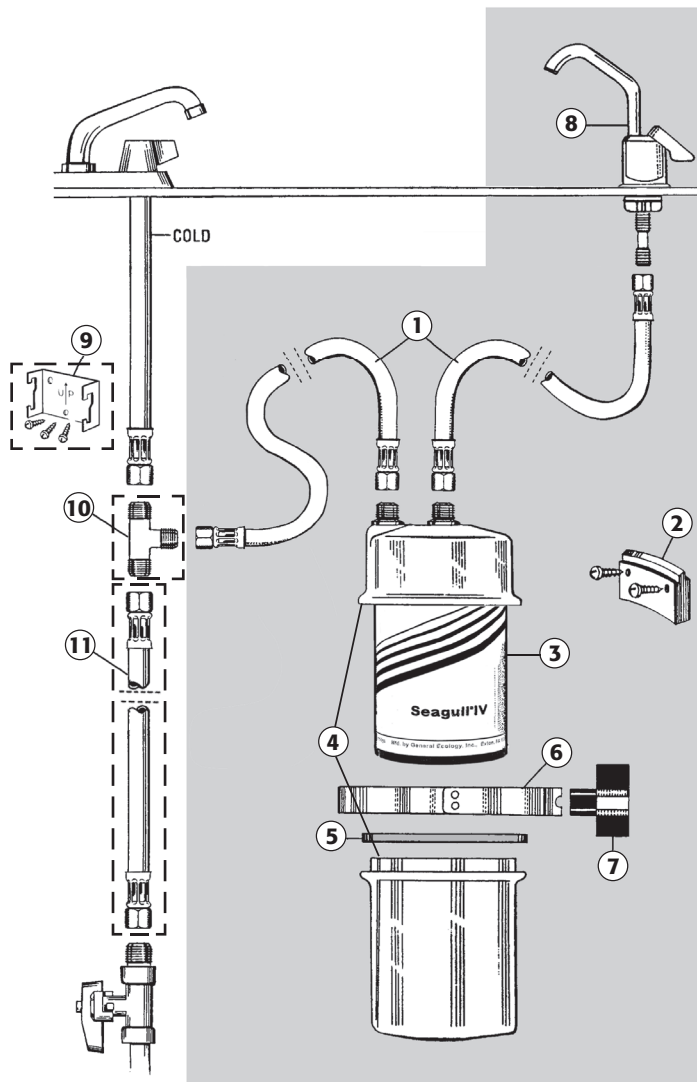
| No. | Description | Qty. | Part No. |
|-----|--|------|----------|
| 1 | 36" Female Compression Thread 3/8" Braided Connector Hose | 2 | 800354 |
| 2 | Mounting Bracket Kit with 2 Mounting screws (Residential) | 1 | 700063 |
| 3 | PB-2SG Cartridge with Gasket (10) | 1 | 789080 |
| 4 | X-2 Housing | 1 | 770081 |
| 5 | Housing Gasket | 1 | 710562 |
| 6 | V-Clamp for Housing | 1 | 710534 |
| 7 | Wing Nut for V-Clamp | 1 | 710032 |
| 8 | Faucet, FP Threaded* | 1 | 707218 |

Optional Accessories Not Included

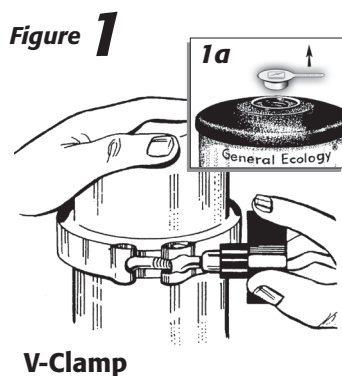
| | | | |
|----|--|---|--------|
| 9 | Bracket Mounting Clip with 3 Screws (RV/Marine) | 1 | 700060 |
| 10 | Male 3/8" Compression Tee | 1 | 714360 |
| 11 | 36" Female Compression Thread 3/8" Braided Connector Hose | 1 | 800354 |

*Not included with Part No. 830342

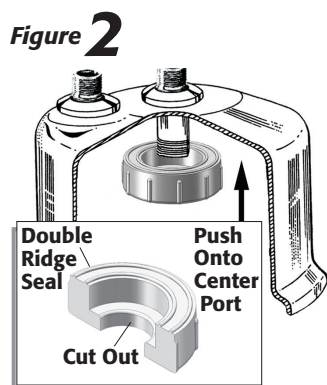
Visit our web site and order online at
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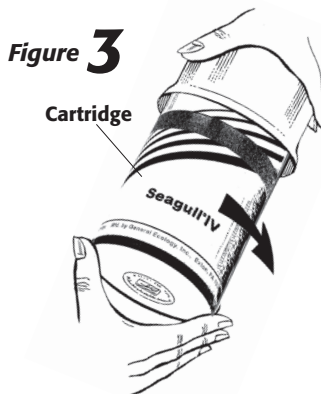
General Installation Instructions Please retain for future servicing of your SEAGULL® IV Water System



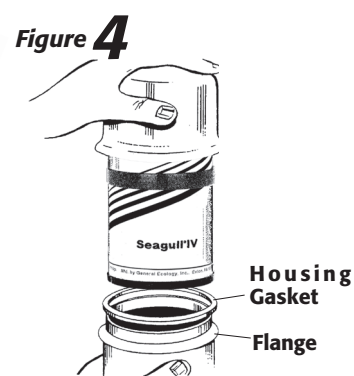
1. Open Canister. Remove V-Clamp and separate Pressure Vessel upper and lower halves.
2. Remove Cover. Remove small plastic protective cover from your new cartridge by pulling the tab end up (Fig.1a).



3. Install Cartridge Gasket. Install the Cartridge Gasket into place (Fig. 2) by pushing the gasket onto the the inside center port on the top half of the housing until firmly seated against the inside surface of the vessel. Be sure the open end/double ridge side contacts the stainless surface (see Fig. 2).



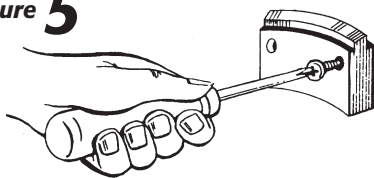
4. Install Cartridge. Thread Cartridge (Fig.3) into top half of Pressure Vessel (Be careful not to cross thread) until contact is first made with Rubber Seal. Then tighten 1/4 turn only. Do not overtighten. Be sure Pressure Vessel Flanges and Housing Gasket are clean and free of dents, nicks or cuts.



5. Reassemble Pressure Vessel. Place Gasket on Flange of lower half of Pressure Vessel (Fig.4) and reassemble V-Clamp, keeping Seagull IV logo upright. The Wing Nut on the Clamp should be tightened snugly, by hand only. Use no tools to tighten.

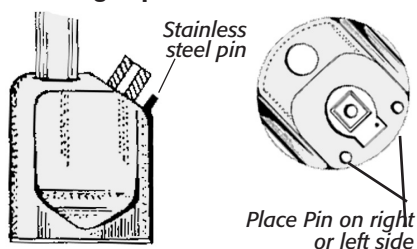
Exclusive Feature – TOP MOUNT FAUCET

Figure 5



6. Install Mounting Bracket. Position black Mounting Bracket on the inside wall of the sink cabinet. Use the two Self-Tapping Screws to securely install the Bracket. (figure 4). Make sure the Bracket location permits access to the cold water valve location and easy access for Cartridge changes.

To change "pull direction" of handle

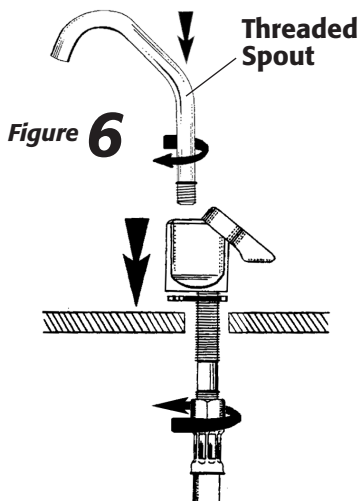
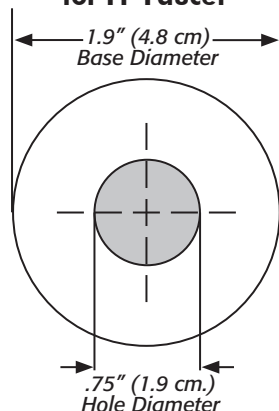


To change "pull direction" of handle on faucet, lift handle off stem and reposition stainless steel pin to alternate location. Reinstall handle.

7. Install Faucet. The System is furnished with General Ecology's exclusive "Top Mount" Ceramic Disc Faucet. If a suitable hole isn't available, prepare a $\frac{3}{4}$ " hole to install your faucet. Refer to Mounting Pattern below.

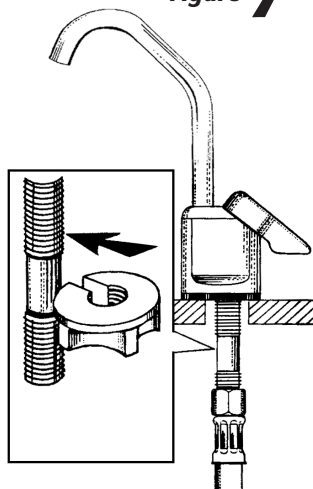
Sinks and counter tops made of porcelain, stainless steel, stone or man-made material require special care. We suggest you consult the manufacturer's guidelines or contact your dealer for best results in drilling the $\frac{3}{4}$ " hole necessary to mount the faucet. Be sure sink/counter top surface at drill hole is flat and burr free.

Mounting Hole Pattern for FP Faucet



8. Connect Hose directly to Faucet Stem and tighten securely by hand. Do not overtighten. Insert and thread Spout into base, Do not over tighten (figure 5). Drop free end of Connector Hose through previously prepared hole and position Faucet in hole.

Figure 7

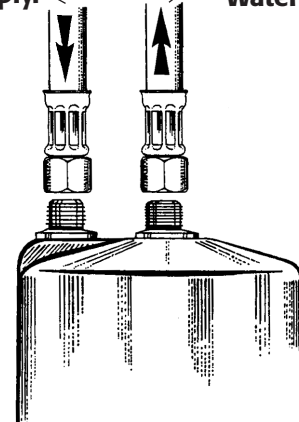


9. Mount Faucet. Slide open side of Faucet Mounting Nut onto reduced diameter, un-threaded section of Faucet Stem now beneath the sink/counter (Fig. 6). Slide the Nut upwards to contact the threads. Then carefully engage the threads, being careful to not cross thread. Hand tighten as necessary to hold the Faucet in place, Do not use tools and do not overtighten. Check alignment and position of Faucet, and adjust as necessary.

QUESTIONS?

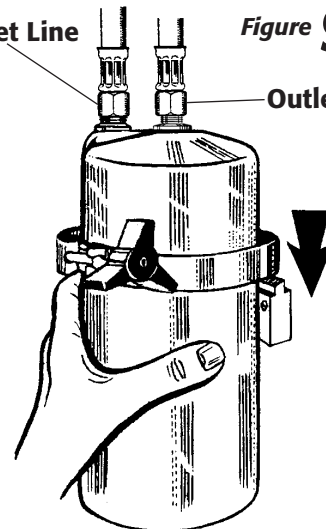
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for Customer Service

Figure 8
Inlet Line connects to Cold Water Supply.
Outlet Line connects to Water Faucet.



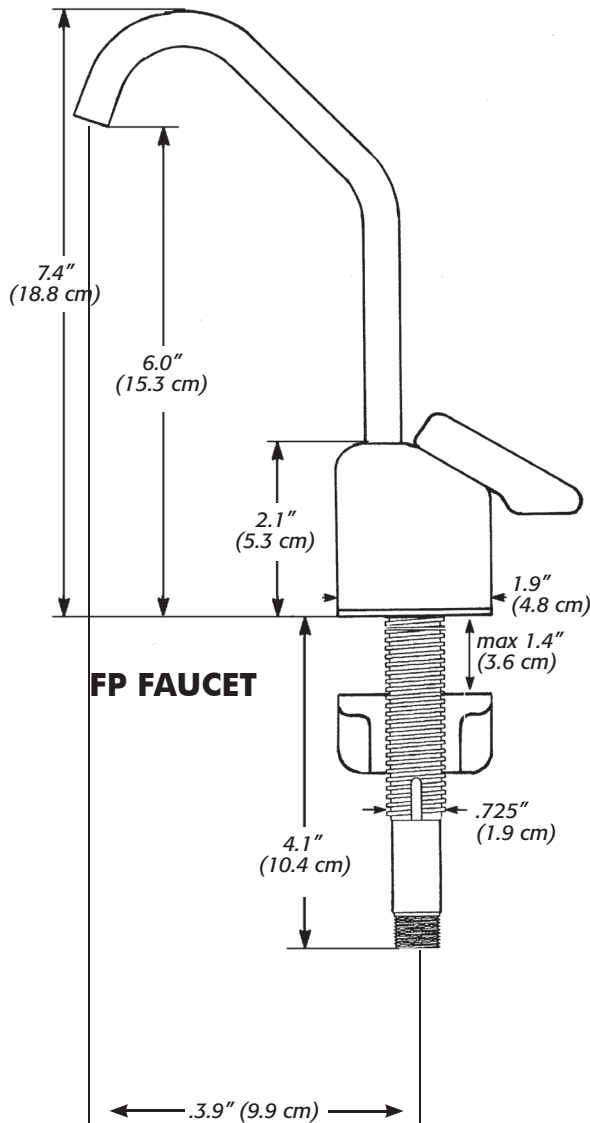
10. Connect Inlet and Outlet lines. Connect free end of the Hose from Faucet Stem to Outlet (center) Port on the Pressure Vessel. Tighten securely. Do not overtighten. Connect remaining Hose from fitting on cold water supply line to Inlet (outside) Port on top of Pressure Vessel. Do not overtighten.

Figure 9
Inlet Line
Outlet Line



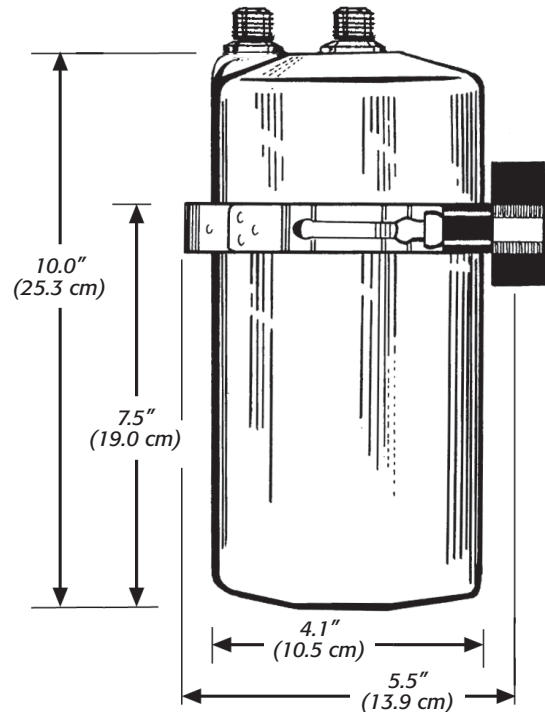
11. Mount unit on Bracket by placing the V-Clamp over the raised section on top of the Bracket. Open the Faucet to allow air to exhaust slowly. Open Valve on cold water service line. Check for leaks. Allow water to run for several minutes to clear line and system of air and any loose materials. Please note that for the first few days you may see entrapped air bubbles within the water. This is perfectly normal and will cease after the unit has processed several gallons of water. Also, some black "fines" from inside of cartridge may flow with the first few gallons of water. These are harmless, if consumed.

SEAGULL® IV • *Select* Dimensions and Care Instructions



For Warranty Information: See warranty card supplied with system.

PRESSURE VESSEL



General Ecology, Inc. purifiers feature stainless steel pressure vessels and ports. Faucets are manufactured with the finest components available. If properly cared for, these finishes can provide a lifetime of elegance. Chrome finishes can be damaged by abrasive cleaners, in spite of their hardness. To clean surfaces properly, use a small amount of a non-abrasive liquid detergent and a soft wet cloth. Gently rub the soiled surface until the dirt is removed. Then rinse clean and wipe with a dry soft cloth to remove water drops and to prevent spotting. Do not use any abrasive or pumice type cleansers to clean the surfaces of faucets, or you may permanently scratch or otherwise damage the faucet coating. Hard water may leave mineral deposits or "water spots". If not cleaned regularly, these deposits may resist cleaning with simple liquid detergents. These can usually be removed using a small amount of vinegar applied directly and rubbing with a soft cloth. Heavy deposits may require repeated applications.



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AS9100, EN9001, JISQ9100, ISO9001
Original Equipment and FAA PMA Manufacturer