

Service Instructions

The SPARK-L-PURE® Microfiltration Unit, furnished with General Ecology, Inc.'s AQUA-POLISH® Module, should require little or no service other than an occasional Module and housing gasket replacement. The need for changing the Module will be apparent from an obviously reduced flow rate due to clogging or to foul tastes and odors which might occur in certain water conditions such as hydrogen sulfide (H₂S) presence. Service should be accomplished by the following procedure.

IMPORTANT: In order to avoid reinstalling the Unit in the reverse direction, the Inlet and Outlet Pipes should be labeled prior to disconnecting the Unit. On all General Ecology® stainless steel Pressure Vessels, the Port closest to the Vessel Cover's side is the Supply (INLET) Port and the center Port is the Service (OUTLET) Port.

Disassembly:

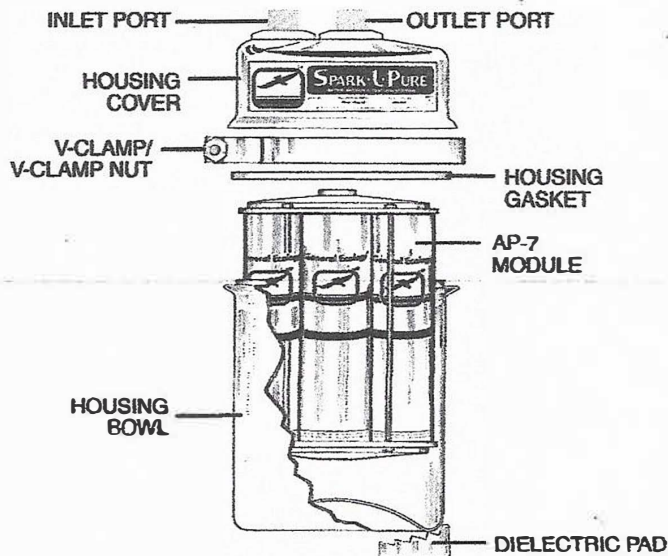
Removing Module from Unit:

1. Close Supply and Service Line Valves, loosen plumbing connections on the Ports and gradually remove Dielectric Positioning Pads to lower Unit to supporting surface.
2. Place Unit over drain or a container to catch excess water as the V-clamp is removed, and remove V-clamp.
3. Carefully separate the Cover from the Unit and remove the Cartridge Module and housing gasket. (We recommend the use of rubber gloves to protect the skin from direct contact with the potential concentration of impurities that may be on the outside of the Module.) Dump excess water from the Bowl and rinse clean. Be careful not to dent or cut the Bowl Flange, nor cut nor allow dirt on any of the Gaskets. The seal between the module and cover is tight and the module may stick to the cover when it is removed.
4. For older SPARK-L-PURE Systems only (prior to 1991): Check to be sure the Rubber Pedestal is properly in place on the raised center of the Bowl bottom when positioning the Module. Not required on Units purchased in 1991 or later.
5. Install new housing Gasket. Be sure Gasket is clean and free of cuts and other potential leak paths.
6. For ease of installation a light coating of petroleum jelly should be applied to center port O-rings of Housing Cover before aligning it with the Module.
7. Lower new AP-7 Module into bowl.
8. Center the Cover on the Module while aligning it with the Bowl Flange and press down into position.
9. Install V-clamp and tighten (do not overtighten) while lightly tapping the outside of the V-clamp outside the bolt to assure uniform seating of the V-clamp. A light coating of petroleum jelly applied to the insides of the V segments will ease clamp installation. A small amount of lubricant or any other anti-seize compound should be applied to the V-clamp bolt.

Reinstallation:

Placing the Unit back in service:

1. Reposition the Unit per initial installation, being careful to properly reconnect service and supply lines. Tighten the Inlet Port connection only at this time.
2. SLOWLY open the Supply Line Valve allowing water to enter the Unit. Trapped air will exhaust through the loosely connected Outlet Port until the Unit fills. When water starts to flow from the Outlet:
 - a. Close the Inlet Valve.
 - b. Tighten the Outlet connection.
 - c. SLOWLY open the Outlet Valve.
 - d. Reopen the Inlet Valve to place the SPARK-L-PURE Unit in service.
3. Allow water to run for three to five minutes to remove air and particles from the new module.



For more information, refer to
SPARK-L-PURE Installation and Product Use Guide
 included with your SPARK-L-PURE System.

(610)363-7900 - fax (610)363-0412
 www.generalecology.com

QUESTIONS?

Call 1-800-441-8166 EST or
 email info@generalecology.com
 for Customer Service

