

SPARK-L-PURE[®]

WATER MICROFILTRATION SYSTEM

INDEPENDENTLY
CERTIFIED TO EPA GUIDE
STANDARD PROTOCOL
FOR MICROBIOLOGICAL
PURIFIERS AGAINST
BACTERIA, CYSTS
AND VIRUSES

General Ecology, Inc's SPARK-L-PURE systems with Aqua-Polish[®] 7 (AP-7) microfiltration modules, are intended for use with fresh water supplies that are considered to be bacteriologically acceptable. They offer a rated flow of 100 lpm – more than enough for household, yacht or aircraft total water supply, and for many commercial and industrial applications.

AP-7 modules removes fibres, visible dirt and scale, chlorine, foul tastes, odours, and other particulate contaminants, by incorporating extremely fine Microfiltration and Broad Spectrum Adsorption/Molecular Sieving into General Ecology's unique "Structured Matrix[™]" technology.

SPARK-L-PURE, with the proprietary AP-7 module, is the most comprehensively effective drinking water system in its class. Modules have a large average capacity of 100,000* litres for particulate removal.

FEATURES

- 300 series stainless steel construction
- Seamless, no weld construction
- Top-mounted, inlet/outlet ports
- Quick change connectors
- Exceptionally compact
- Dielectric Isolating Positioners
- Quick change module
- Accepts General Ecology's Aqua-Polish 7 module
- Double O-ring bypass prevention
- Low pressure loss
- Sanitary finish

BENEFITS

- Exceptionally effective and dependable
- Quick and easy assemble, install and service
- Outstanding capacity
- Can be adapted to threaded fittings
- Compact, attractive appearance for point-of-use installations
- Easy to keep sanitary and clean
- No welds to corrode



AQUA-POLISH 7 MODULE

Aqua-Polish® 7 (AP-7) modules employ General Ecology's uniquely effective "Structured Matrix™" technology, and high-efficiency adsorption materials. The AP-7 matrix is rated at 1 micron (compared to SEAGULL®IV matrix at 0.4 micron) which is small enough to physically remove microscopic and visible dirt and scale, and many other larger particulate contaminants. Aqua-Polish systems provide maximum flow rates and capacity while remaining superior to other filtration products in effectiveness.

EASY INSTALLATION & OPERATION

SPARK-L-PURE systems are normally installed directly into the fresh water supply line. Shut-off valves (user furnished ball valves are recommended) should be installed upstream and downstream of the unit. A user supplied check valve should be installed immediately downstream of the unit to prevent back pressure surges from reaching the unit. It is desirable to allow the inlet and outlet lines to flex about ¼ inch to facilitate connections. SPARK-L-PURE units are equipped with 1 inch stainless steel NPT male ports. Both inlet and outlet are located on top of the unit for easy access and visibility.

To service the unit close both shut-off valves, un-thread the hose fittings, remove the isolating pads and allow the unit to be lowered a ½ inch or so for removal. Once free of the connections, the unit can be serviced in place or can easily be carried to a more convenient location.

Next, remove the vee-clamp (½ in. hex nut), carefully remove cover, lift module from the bowl, rinse loose dirt from the bowl, install the new module and reassemble the pressure vessel.

| Index No. | Part No. | Part Description |
|-----------|----------|--------------------------------|
| 1 | N/A | Cover with 1" NPT male ports |
| 2 | N/A | Bowl |
| 3 | 100400 | V-Clamp |
| 4 | 100455 | Housing Gasket |
| 5 | 100414 | Module Seal O-Rings (internal) |
| 6 | 100500 | Aqua-Polish 7 Module |
| 7 | 100421 | Dielectric Isolating Pads |
| 8 | 100402 | Vee-Clamp Hex Nut |



MICROFILTRATION FOR:

- WHOLE HOUSE
- RESTAURANTS
- CAFÉS
- BOATS/YACHTS
- WINERIES

REMOVES:

- FIBERS
- DIRT AND SCALE
- CHLORINE
- FOUL TASTES
- ODORS
- SPECIFIC PESTICIDES AND OTHER CHEMICAL CONTAMINANTS

TECHNICAL SPECIFICATIONS

- Rated Flow (1 in. lines) 100 lpm (see chart)
- Cartridge Type Aqua-Polish 7 Module
- Average Capacity* 100,000 litres
- Particle Retention Rating 1.0 micron
- Pressure Vessel Construction 300 Series Stainless Steel
- Size 10 in. (25.4 cm) dia. x 17 ½ in. (44.5 cm) high
- Shipping Weight 10.9 kg
- Maximum Working Pressure 100 psi (7 atmospheres)
- Minimum Temperature 33°F (0.5°C) Do Not Freeze
- Maximum Temperature 38°C



DISTRIBUTED BY:
 P: 1300 303 605 or (08) 8431 4100
 M: 0403 374 844 F: (08) 8431 4200
 W: www.purifiersaustralia.com.au
 E: camine.palmieri@purifiersaustralia.com.au
 57 Kensington Rd, Norwood, South Australia 5067