

# SEAGULL® IV X-6

## WATER PURIFICATION SYSTEM

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

General Ecology, Inc.'s Seagull® IV X-6 Water Purification provides top-quality drinking water for large capacity needs in a compact stainless steel housing. Seagull IV water purifiers are independently certified to meet EPA Microbiological Guide Standard Protocol for the removal of pathogenic bacteria, cysts and viruses, and excel at the removal of chemicals, particulates, foul tastes, colours, and odours. Seagull IV X-6 provides great-tasting, purified water for residential and commercial kitchens, yachts, houseboats and motorhomes.

General Ecology's unique "Structured Matrix™" technology is the most comprehensively effective water purification system of its class, incorporating:

- Ultrafine Microstraining
- Broad Spectrum Molecular Capture
- Electrostatic Removal

All of these purification mechanisms work together to REMOVE viruses, disease bacteria and other contaminants far smaller than microfiltration alone can remove.

### FEATURES

- 300 series stainless steel construction
- Seamless, no weld construction
- Top-mounted, inlet/outlet ports
- Sanitary Finish
- 1 inch NPT connections
- Dielectric Isolating Positioners
- Quick change module
- Low pressure loss
- Double O-ring bypass prevention
- No chemicals, hold-time or electricity
- Accepts General Ecology's RS-6SG module

### BENEFITS

- Exceptionally effective and dependable
- Quick and easy to assemble, install and service
- Flow rates of up to 6 GPM
- Outstanding capacity
- No sweating copper connector fittings\*
- Compact, attractive appearance for point-of-use installations
- Easy to keep sanitary and clean
- No welds to corrode

\* sweat to thread adapters available



# SEAGULL X-6 – RS-6SG MODULE

Seagull®IV X-6 water purification systems feature the RS-6SG “Structured Matrix” purification module. Seagull IV systems have been independently certified to meet the EPA Microbiological Guide Standard Protocol for removal of bacteria, cysts and viruses. These systems also remove chemicals, particulates and foul tastes, colors and odors, for superior water purification.

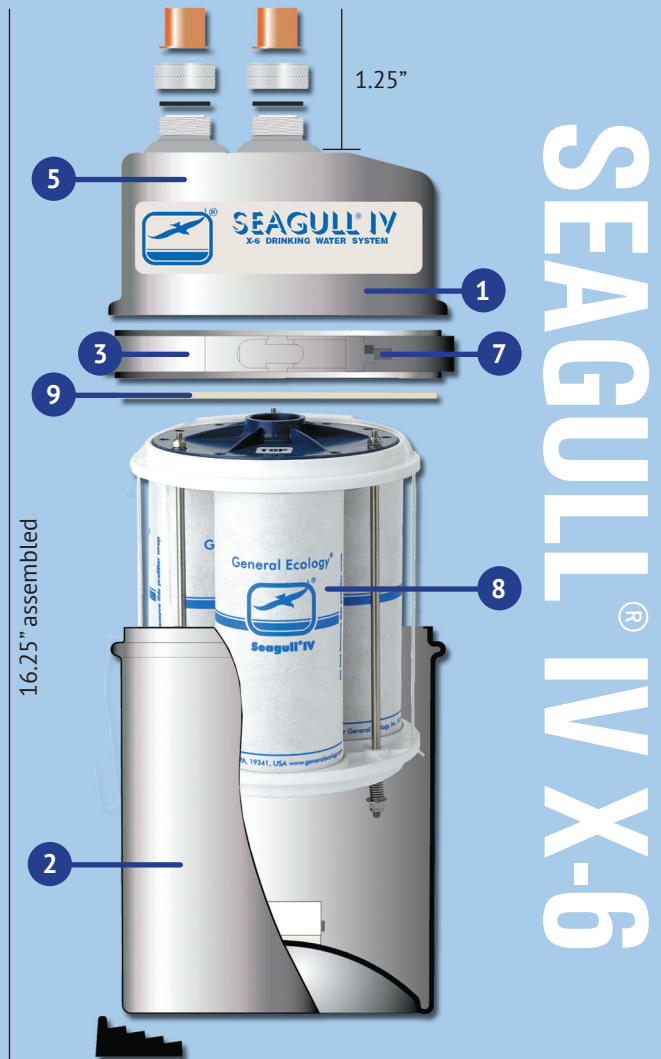
## INSTALLATION & OPERATION

X-6 units are normally installed directly into the fresh water supply lines. 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 to flex about ¼ inch to facilitate connections. X-6 units are equipped with either ¾ inch or 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, loosen the closure nuts, remove the isolating pads and allow the unit to be lowered 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 v-clamp (½ in. hex nut), carefully remove the cover and lift the module from the bowl. Rinse loose dirt from the bowl, check to be sure the pedestal is in place before installing 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	10042	Dielectric Positioning Pads
7	100402	V-Clamp Hex Nut
8	100501	RS-6SG Module
9	100424	Pedestal



## “STRUCTURED MATRIX™” TECHNOLOGY - HOW IT WORKS...

**Ultrafine Microstraining** places an ultra-fine protective barrier between you and water-borne bacteria, cysts and larger particles. With products that rely on pesticides, you consume the dead organisms including the dissolved toxins and pesticides added to the water. Worst of all, pathogenic cysts like *Giardia* and *Cryptosporidia* the most frequent causes of water-borne illness, are not killed by ordinary chlorination or iodination. With **Seagull IV® water purification systems**, microorganisms and their toxins are removed.

**Broad Spectrum Molecular Capture** traps and holds organic and specific other chemicals such as pesticides, herbicides and solvents as well as chlorine and other trace contaminants that can produce foul tastes and odors. Seagull IV® water is deliciously refreshing and healthy tasting... it tastes like water should taste!

**Electrostatic Removal** uses specially produced space-age surfaces, much like magnets, to remove minute particles and colloids suspended in the water.

## SPECIFICATIONS

- Rated Flow ( 1 in. lines)**..... 23 lpm
- Cartridge Type**.....RS-6SG Module
- Average Capacity+** ..... 23,000 Litres
- Particle Retention Rating** ..... 0.1 micron nominal (0.4 absolute)
- Pressure Vessel Construction**..... 300 Series Stainless Steel
- Size** ..... 25.4 cm diam. x 44.5 cm high
- Shipping Weight**..... 10.9 kg
- Maximum Working Pressure**..... 100 psi (7 atmospheres)
- Minimum Temperature** ..... 0.5°C Do Not Freeze
- Maximum Temperature**..... 38°C

+Capacity will vary depending on influent water quality. Intended for cold water use. Does not desalinate. AS9100, ISO 9001 and FAA Quality Certified Original Equipment and PMA Manufacturer



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