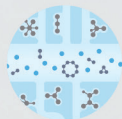


DRINKING WATER PURIFICATION SYSTEMS



Ultrafine
Microstraining



Broad Spectrum
Molecular Capture



Electrostatic
Removal



The world leader in drinking water purification

General Ecology, Inc.

GENERAL ECOLOGY

The World Leader in Drinking Water Purification

General Ecology Corporation

Since 1973 General Ecology, Inc. has been manufacturing drinking water purifiers with a commitment to our environment and is now the acknowledged leader in chemical-free water purification technology. Because water supports the lives of billions of people as well as nourishing the Earth's ecosystem, it is imperative that we safeguard our drinking water supplies. We can accomplish this by water conservation, lessening our use of polluting products such as pesticide chemicals, limiting electricity usage, and lowering dependence on plastic bottles.



Outstandingly Effective

Manufactured in the USA from the finest raw materials, our water purifiers are ecologically and environmentally compatible; they purify naturally without adding chlorine, iodine or other pesticides to the water you drink and use in your foods and beverages. General Ecology's "Structured Matrix™" technology is independently certified to USEPA Purification Standards against all three classes of waterborne disease organisms - parasitic cysts, bacteria, and viruses - instantly, without pre/post treatment, without wasting water and without electricity. Outstandingly effective, they also remove chemical and aesthetic contaminants, providing superbly refreshing, spring-like water for a naturally healthy lifestyle.



The outstanding success of "Structured Matrix" purification technology is continually evidenced by laboratory tests unmatched by competition and by over 27 years of customer satisfaction through service to a wide range of sophisticated users worldwide. General Ecology, Inc. continues to meet and surpass our goals ensuring that our customers receive the many benefits of refreshingly pure, great tasting water.



Why are we different?

Most filters are intended to remove some taste and odours. Only a small selection of the very best water filters may remove specific protozoa, and possibly certain aesthetic contaminants, providing a lesser standard of protection than that of General Ecology water purification systems. General Ecology purifiers remove viruses, bacteria and protozoa, PLUS many organic and inorganic chemical and aesthetic contaminants at the highest "purification" micron level (0.4 microns absolute) to provide great-tasting water while protecting against water-related disease.

“STRUCTURED MATRIX™”

Purifies your water naturally without using chemicals

Ultrafine Microstraining

Physically removes waterborne enteric disease bacteria, pathogenic cysts like Giardia, Cryptosporidia and specific parasites and debris down to 0.4 micron

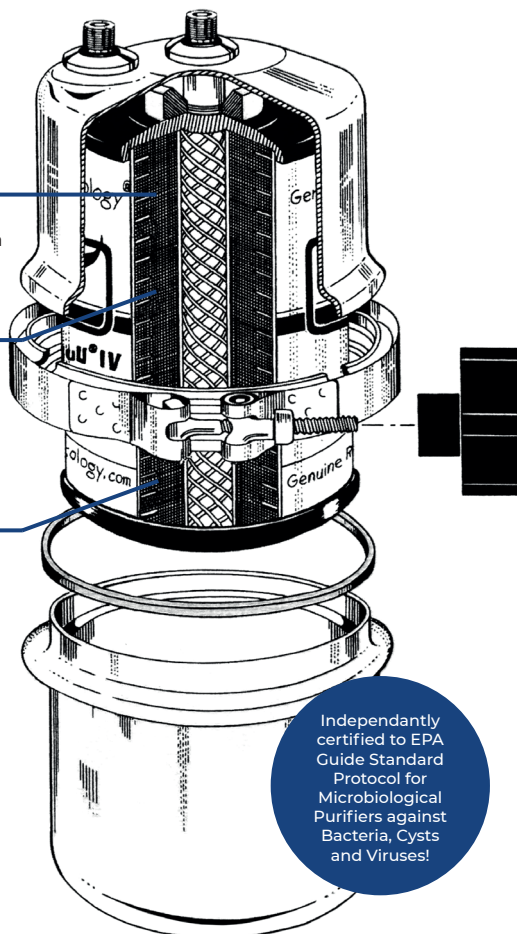
Broad Spectrum Molecular Capture

Traps and captures many organic chemicals such as pesticides, herbicides and solvents, as well as chlorine and other trace contaminants that can be toxic and/or carcinogenic, along with foul taste, odour and colour.

Electrostatic Removal

Uses proprietary molecularly attractive surfaces, essentially as magnets, to remove minute particles, viruses and colloids suspended in the water.

All of these purification mechanisms work together to REMOVE viruses, disease bacteria and other contaminants for smaller than submicron microfiltration alone can remove. Performance may vary according to influent water characteristics.



Independantly certified to EPA Guide Standard Protocol for Microbiological Purifiers against Bacteria, Cysts and Viruses!

All General Ecology water systems are environmentally and ecologically friendly, operating instantly without chemical additives (and associated disinfection by-products) electricity, or “hold time”.



Yes - Reduces various contaminants.

? - Comparisons are from general information.

No - Not effective - see manufacturer's instructions.

* - Nominal sizes - 1.0 absolute required for effective removal of Cryptosporidia per Centers for Disease Control.

** - Low temperature distillation may not inactivate viruses, or bacteria and cysts.

Per EPA Guide Standard Protocol for Microbiological Purifiers

Contaminant Removal Capabilities Comparison	Viruses	Harmful Bacteria	Cysts	Chlorine	Dirt & Sediment	Specific Pesticides, Herbicides & Solvents	Foul Tastes & Odours
"Structured Matrix"	Yes*	Yes*	Yes*	Yes	Yes	Yes	Yes
Charcoal Filter GAC	No	No	No	Yes	Yes?	?	?
Pre-Coat Carbon	No	No	Yes?	Yes	Yes	Yes?	Yes
Carbon Block	No	No	Yes?	Yes	Yes	Yes?	Yes
Ultraviolet Radiation	?	Yes?	Yes?	No	No	No	No
Distillation	?**	Yes**	Yes**	?	Yes	?	No
Reverse Osmosis	No	No	?	No	Yes	Yes?	No

Chart data with respect to technology other than "Structured Matrix" is general in nature, based on in-house review. Consumer should always verify capabilities of any system with its manufacturer.

For better health, drink purified water every day!

TECHNOLOGY

General Ecology purifiers feature "Structured Matrix™" technology which is instantly effective against all three classes of contaminants: microbiological, chemical and aesthetic. Independently certified against the three general categories of waterborne, enteric pathogens: chlorine resistant Crypto and Giardia; bacteria and viruses. Our systems also excel in removing foul tastes and odours and many other chemicals. Natural minerals dissolved in the water source are not removed.

NATURE PURE® QC™

Point of use system designed to be installed under the sink. Eliminate the need for traditional pressure vessel housings. Instead small, lightweight, replaceable canisters are hand-turned into compact stainless steel interface units with integral stainless steel mounting brackets, which are easily and conveniently integrated.

🔧 Independantly certified to EPA Guide Standard Protocol for Microbiological Purifiers against Bacteria, Cysts and Viruses!



BASIC KIT

NATURE PURE® RS2QC SYSTEM

Product Code: 26610 | Manufacturer SKU: 420630

Flow Rate: 3 lpm

Avg. Capacity: 2000 ltr

Dimensions: 7.6cm (dia) x 22.9cm (h)

📦 What's included?

1x System, 2x Hose, 2x Elbows, Screws

FEATURED

FAUCET KIT

NATURE PURE® RS2QC SYSTEM

Product Code: 26612 | Manufacturer SKU: 420600

Flow Rate: 3 lpm

Avg. Capacity: 2000 ltr

Dimensions: 7.6cm (dia) x 22.9cm (h)

📦 What's included?

1x Faucet, 1x System, 2x Hose, 1x T-Piece, Screws



ICE MAKER KIT (SUNSEEKER EDITION)

NATURE PURE® RSIQC SYSTEM

Product Code: 26638 | Manufacturer SKU: 420330

Flow Rate: 1.5 lpm

Avg. Capacity: 1000 ltr

Dimensions: 7.6cm (dia) x 16.9cm (h)

📦 What's included?

1x System, 2x Hose, 2x Elbows, Screws



RS REPLACEMENT CANISTERS

Replacement cartridge for Nature Pure QC water purification system - chemical free "Structured Matrix" technology.

For protection against microbiological bacteria, cysts & viruses.



RS2QC CANISTER

Code: 26614 | SKU: 420620
Avg. Capacity: 2000 ltr



RS1QC CANISTER

Code: 26645 | SKU: 420320
Avg. Capacity: 1000 ltr. For 26638.

SC REPLACEMENT CANISTER

High capacity and flow rate with advantage of downstream protection from limescale and associated mineral deposits.

Only use where microbiological purification is not required.



SC2QC CANISTER

Code: 26658 | SKU: 420422



Quick Change Canister Replacement

The easiest and most convenient method ever, simply unthread and discard the used canister, and thread on the new replacement canister. An internal valve automatically stops the water flow as the canister is being removed.

LEGACY CARTRIDGE

Replacement cartridge for legacy Nature Pure Ultrafine System. **For protection against microbiological bacteria, cysts & viruses.**

ULTRAFINE CARTRIDGE

Code: 26616 | SKU: 400009



£ Low Cost Foolproof Operation

Operates solely from your pressurised fresh water system and requires no chemicals, post treatment storage tanks, brushing, brines, wastewater lines or electricity.

SPARES & ACCESSORIES



STAINLESS STEEL FAUCET

Code: 26628 | SKU: 707206

Faucet with ceramic disc valve and stainless steel anti-microbial spout tip.



EXT. STAINLESS STEEL FAUCET

Code: 26629 | SKU: 707207

Faucet with ceramic disc valve and stainless steel anti-microbial spout tip.



30" BRAIDED HOSE ASSEMBLY

Code: 73938 | SKU: 400104

'Quick and easy' 30" hose assembly with stainless steel barbed inserts.



TEE PIECE

Code: 73940 | SKU: 400180
Tee 10mm/12mm barbs with 9/16-24 side outlet.



ELBOW 10MM/12MM

Code: 73942 | SKU: 400183

SEAGULL® IV

A beautiful combination of form and function, combining the advanced “Structured Matrix” technology with the strength and endurance of modern materials independently certified to meet EPA guide standard protocol for microbiological purifiers against bacteria, cysts and viruses.

 Independantly certified to EPA Guide Standard Protocol for Microbiological Purifiers against Bacteria, Cysts and Viruses!




BASIC KIT

SEAGULL® IV X-2B SYSTEM

Product Code: 26622 | Manufacturer SKU: 704004

Flow Rate: 7.6 lpm
Avg. Capacity: 7600 ltr
Dimensions: 12.7cm (dia) x 25.4cm (h)

 **What's included?**
1x System, Fixings


FEATURED

FAUCET KIT

SEAGULL® IV X-1F SYSTEM

Product Code: 26620 | Manufacturer SKU: 701017

Flow Rate: 3.8 lpm
Avg. Capacity: 3800 ltr
Dimensions: 12.7cm (dia) x 13.7cm (h)

 **What's included?**
1x Faucet, 1x System, 2x Hose, Fixings




BASIC KIT

SEAGULL® IV X-1B SYSTEM

Product Code: 26618 | Manufacturer SKU: 700007

Flow Rate: 3.8 lpm
Avg. Capacity: 3800 ltr
Dimensions: 12.7cm (dia) x 13.7cm (h)

 **What's included?**
1x System, Fixings



BASIC KIT (SUNSEEKER EDITION)

SEAGULL® IV X-2KB SYSTEM

Product Code: 26636 | Manufacturer SKU: 802100

Flow Rate: 7.6 lpm

Avg. Capacity: 7600 ltr

Dimensions: 12.7cm (dia) x 25.4cm (h)

9/16-24 inlet/outlet ports with flow restrictor

What's included?

1x System, 2x Hose, Fixings



RS REPLACEMENT CARTRIDGE

Replacement cartridge for Seagull IV water purification system - chemical free "Structured Matrix" technology.

For protection against microbiological bacteria, cysts & viruses.



RS-2SG CARTRIDGE

Code: 26626 | SKU: 789000

Avg. Capacity: 7600 ltr



RS-1SG CARTRIDGE

Code: 26624 | SKU: 788000

Avg. Capacity: 3800 ltr

SC REPLACEMENT CARTRIDGE

High capacity and flow rate with advantage of downstream protection from limescale and associated mineral deposits.

Only use where microbiological purification is not required.



SC-1SG CARTRIDGE

Code: 26625 | SKU: 788055

 The convenient, economical and ecologically responsible alternative to bottles!

SPARES & ACCESSORIES



STAINLESS STEEL SPOUT

Code: 73932 | SKU: 701210

Stainless Steel Spout assembly 7/16" thread anti-microbial spout tip.



EXT. STAINLESS STEEL SPOUT

Code: 73922 | SKU: 701200

Extended Stainless Steel Spout assembly 7/16" thread anti-microbial spout tip.



STAINLESS STEEL FAUCET

Code: 26628 | SKU: 707206

Faucet with ceramic disc valve and stainless steel anti-microbial spout tip.



EXT. STAINLESS STEEL FAUCET

Code: 26629 | SKU: 707207

Faucet with ceramic disc valve and stainless steel anti-microbial spout tip.

FEATURED



ICE MAKER KIT

Code: 73934 | SKU: 700139

Enhance your Seagull IV Drinking Water Purification System with this ice maker kit.

Not only will you have purified water running from your Seagull IV faucet you will also have purified ice from your icemaker!



30" BRAIDED WATER HOSE

Code: 26640 | SKU: 800344

30" White braided hose with 3/8" barbed insert.



SEAGULL IV V-CLAMP

Code: 73904 | SKU: 710534

V-Clamp (Heavy) X1 & X2 seagull (R) IV purifier.



WING NUT FOR V-CLAMP

Code: 73906 | SKU: 710032

Replacement wing nut for V-Clamp.



METAL BRACKET MOUNTING KIT

Code: 73908 | SKU: 700060

Metal mounting bracket complete with screws.



PLASTIC BRACKET MOUNTING KIT

Code: 73910 | SKU: 700063

Plastic mounting bracket with screws. 8 x 3/4".



DIN ADAPTOR 3/8 F BSP X 9/16-24 M

Code: 73924 | SKU: 703145

Stainless steel din adaptor complete with gaskets.



CAP NUT 3/8"

Code: 73926 | SKU: 800349

Stainless steel cap nut complete with gasket.



COMPRESSION TEE 3/8"

Code: 73928 | SKU: 714358

Stainless steel tee with 3/8" compression.



HOUSING GASKET ANTI-MICROBIAL

Code: 26635 | SKU: 710550

Replacement anti-microbial blue housing gasket.



CARTRIDGE GASKET ANTI-MICROBIAL

Code: 26637 | SKU: 710553

Replacement anti-microbial blue cartridge gasket.



We have sourced and listed what we think are the most relevant and useful fittings needed to install either the Nature Pure or Seagull IV kits into most Marine/RV applications.



FEMALE CONNECTOR

Product Code: 73905
3/8" X 3/8" female push-fit connector.



STEM TO STEM ADAPTOR

Product Code: 73976
3/8" to 15mm spigot adapter.

DOCKSIDE™ PREFILTER

The Dockside Pre-filter System pre-filters fresh water you might use from dock side or marina sources while you cruise. The Dockside Pre-filter extends the life of Seagull IV Purification System you have installed on board and helps keep equipment running smoothly by filtering out many of the most troublesome contaminants. Designed to remove abrasive sand, dirt, rust and suspended particulates, the Dockside Pre-filter is sure to suit your fresh water needs.

✓ Prolong the life of your Drinking Water Purifier System by using the Dockside™ Prefilter!



DOCKSIDE PREFILTER

Product Code: 26643 | Manufacturer SKU: 610000

FEATURES

- ✓ Exceptional removal capacity
- ✓ Effective and dependable
- ✓ Quick and easy installation
- ✓ Self-centring
- ✓ Double O-ring bypass prevention
- ✓ Low pressure loss
- ✓ Cleanable cartridge
- ✓ Eliminates channelling bypass

The Aqua-Polish Filtration Cartridge used in the Dockside Pre-filter has a nominal three (3) micron retention, enabling it to reduce chlorine, microscopic and visible dirt and scale, and many other larger particle contaminants.

⚠ Dockside Pre-filter is a filtering device, not intended to remove microbiological contaminants.

For purification of water, use with a Seagull IV Water Purifier for a complete on-board system.



AQUA POLISH CARTRIDGE 10"

Code: 26639 | SKU: 600001

10" Replacement cartridge.
Avg. Capacity: 19000 ltr



AQUA POLISH HOUSING 10"

Code: 26644 | SKU: 900056

10" inline housing with 3/8
NPT(F) connections.



AQUA POLISH CARTRIDGE 5"

Code: 26641 | SKU: 600009

5" Replacement cartridge.
Avg. Capacity: 9500 ltr



AQUA POLISH HOUSING 5"

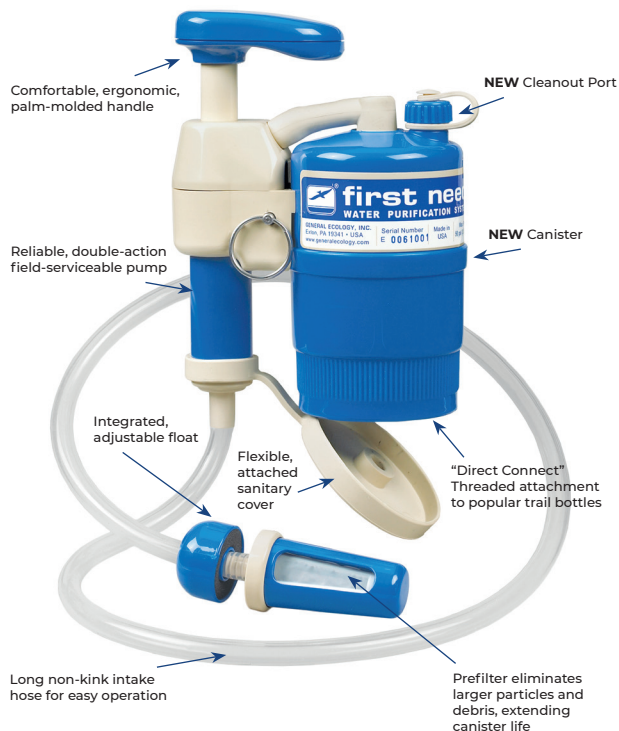
Code: 26642 | SKU: 900353

5" inline housing with 3/8
NPT(F) connections.

Replacement O-Ring's also available, please enquire.

FIRST NEED® XLE™ ELITE

First Need XLE water purifier produces 100% safe water from all water sources except Salt water. All natural water purification, no chemicals and no iodine taste. Light weight, compact and easy to use, these portable units are perfect for expeditions abroad, when out hill walking, camping or boating.



Robust Durability

Increased canister strength allows 2 to 3 times greater resistance to damage from dropping and other physical shocks.

Improved Sanitation

Innovative cleanout port creates more effective and convenient canister cleaning without hose removal and flow reversal, reducing accidental contact with "dirty" water during backflush.

Extended Capacity

Quick and easy cleanout configuration extends canister life with greater, more efficient silt and debris removal.

Economic Savings

XLE ELITE canister is compatible with First Need XL and earlier first need systems.

Independently certified to EPA Guide Standard Protocol for Microbiological Purifiers against Bacteria, Cysts and Viruses!

★ The leading portable water purifiers relied on for over 30 years!



FIRST NEED XLE ELITE

Code: 26634 | SKU: 322200
Avg. Capacity: 680 ltr



REPLACEMENT CANISTER

Code: 26633 | SKU: 302220
Avg. Capacity: 680 ltr



REPLACEMENT PUMP TUBE

Code: 73944
SKU: 302714



Hands-free
"Matrix Pumping™"
gravity feed kit
included.

first need®

TRAV-L-PURE®

First Need Trav-L-Pure purifier helps ensure a healthy, worry-free trip by removing the contaminants which normally cause distressing waterborne illnesses. When travelling, you and your family can stay healthy and properly hydrated with refreshing purified water.



FEATURES

- ✓ Self-contained unit
- ✓ High flow rate
- ✓ Economical
- ✓ Effective protection
- ✓ Ergonomic pump
- ✓ Field-serviceable
- ✓ Compact
- ✓ Lightweight
- ✓ Durable

Easy "Pump & Drink" Operation

1. Pour water into the easy fill pre-screen at the top of the unit.
2. Pump & drink.

📍 Trav-L-Pure is used by UN forces in Somalia and is a favourite of travellers worldwide!



TRAV-L-PURE

Code: 26647 | SKU: 343101

Avg. Capacity: 100 - 400 ltr



What's included?

1x System, 1x Carry Case, 1x Test Kit



TRAV-L-PURE CANISTER

Code: 26649 | SKU: 342000

Replacement First Need
Trav-L-Pure canister Avg.
Capacity: 100 - 400 ltr

Independently
certified to EPA
Guide Standard
Protocol for
Microbiological
Purifiers against
Bacteria, Cysts
and Viruses!



USEFUL FITTINGS

We have sourced and listed what we think are the most relevant and useful fittings needed to install either the Nature Pure or Seagull IV kits into most Marine/RV applications.



10MM - 3/8" STEM ADAPTOR

Product Code: 73970

These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



12MM X 3/8" STEM ADAPTOR

Product Code: 73972

These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



15MM X 3/8" STEM ADAPTOR

Product Code: 73974

These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



10MM UNION TEE

Product Code: 73964

These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



12MM UNION TEE

Product Code: 73966

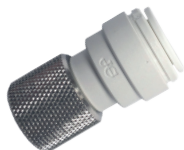
These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



15MM UNION TEE

Product Code: 73968

These acetal fittings have a food grade EPDM O ring and are ideal for use with water filter systems.



FEMALE CONNECTOR

Product Code: 73905

3/8" X 3/8" female push-fit connector.



STEM TO STEM ADAPTOR

Product Code: 73976

3/8" to 15mm spigot adaptor.

FAQ'S

What is a Seagull IV Drinking Water Purification System, and what is it supposed to do?

Simply stated, Seagull IV purification system is a truly unique, compact, point-of-use appliance designed to change virtually any treatable non-salt water into delicious drinking water that is both safe and enjoyable to consume. Because Seagull IV purifier was developed with aircraft, yachting, and recreational vehicle applications in mind, it is especially rugged, dependable, simple, and easily serviced. It requires no additions of chemicals and no electricity. Seagull IV is a chemical free drinking water purification system. Please note that in order to conserve essential minerals and salts in your drinking water these systems are not intended to desalinate.

Isn't it necessary to add chemicals to destroy bacteria and viruses?

Normally, yes. Chlorine, bromine, iodine, ozone and sometimes silver and other pesticides (economic poisons) are frequently used in efforts to destroy bacteria and viruses. Because it is General Ecology's goal to remove chlorine and other economic poisons, it simply makes no sense to add even more of them during the so-called purification process. Seagull IV water purifier does not rely on chemicals and is well-known as the ecologically friendly, chemical free water purifier!

How do I know when I need to change the cartridge?

Relative to particulate matter, including bacteria, algae, cysts and other sediment, the cartridge microstructure will load up and clog, resulting in a flow rate which will decline and eventually stop. The cartridge should also be changed when offensive foul tastes, odors, or color in your drinking water are apparent. Cartridge life varies from area to area depending upon the amount and characteristics of the contamination in the water and water usage rate. We typically recommend cartridge replacement every year to prevent over accumulation of chemical contaminants.

Can I change the purification cartridge myself?

Nature Pure and Seagull IV purification cartridges are easily changed by the homeowner. Complete instructions are packed with each cartridge. No tools are required. Help is always available from your distributor or General Ecology.

What bacteria should I be aware of in my drinking water, and what happens to them after they're removed by Seagull IV water purifier?

Fortunately, there are only a few strains of bacteria you normally need to be concerned about relative to drinking water. These are salmonella, of which *S. typhosa*, or typhoid fever, bacteria is the best known, shigella, which causes diarrhea and cramping, the dreaded cholera of the Middle Ages and some foreign countries at the present time, and the well-known *E. coli*. Additionally, some bacteria, such as *Campylobacter jejuni*, which formerly were considered to be nonpathogenic to man, have been found to be human pathogens. Bacteria normally have relatively short life spans (measured in hours, not days or years). Bacteria, like people, need food to exist and multiply.

What maintenance is required?

Seagull IV water purifier has been designed to be essentially maintenance free. In the case of the X-1 F installation, the only moving parts are in the faucet, and these are ceramic. Since no chemicals or electricity are required, and there are essentially no moving parts, maintenance is quite minimal. Units and faucets should be cleaned with a soft cloth and a non-abrasive cleaner. Cartridges should be replaced as indicated, usually once a year.

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General Ecology, Inc.

The world leader in drinking water purification