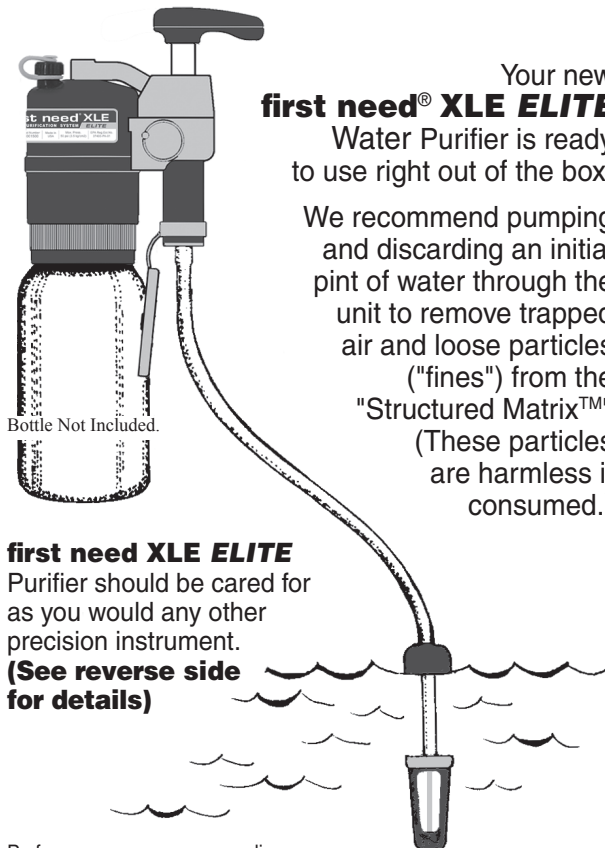


QUICK START



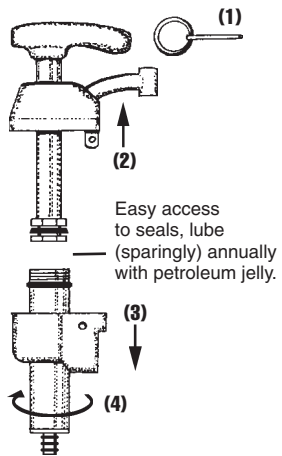
first need XLE ELITE
Purifier should be cared for as you would any other precision instrument.
(See reverse side for details)

Performance may vary according to influent water quality.

first need® XLE ELITE

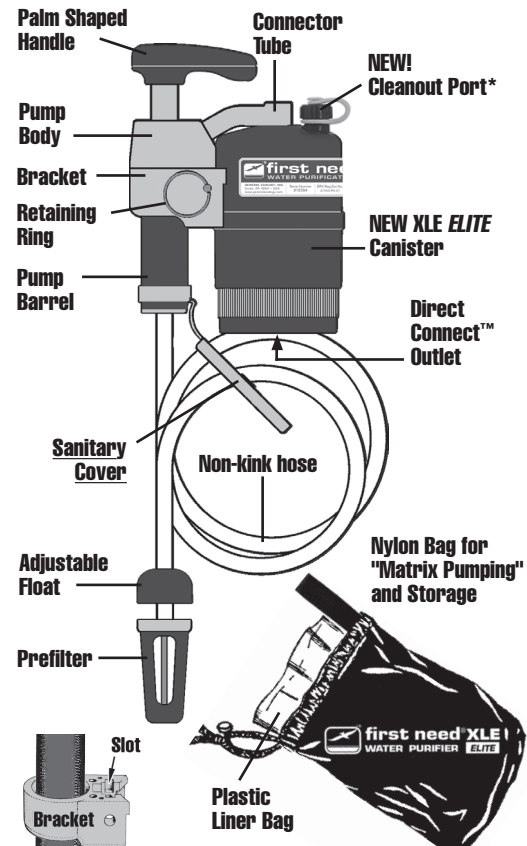
DISASSEMBLY

- (1) Pull retaining pin out.
- (2) Lift connector tube from canister. Slide pump body up.
- (3) Slide bracket down.
- (4) Unscrew pump barrel.



Flow Rate.....approximately 2 qts. per min.
Micron Retention.....0.4 micron
Weight.....16 oz.
Capacity.....180 gallons

PARTS



*Do **Not** clean out from Direct Connect Outlet as necessary on earlier units.

CANISTER REPLACEMENT

1. Open the sanitary cover on the first need XLE canister.
2. Pull and remove the retaining pin from the bracket located on the pump barrel. (see parts & disassembly diagrams)
3. Slide the bracket down the pump barrel, then disengage the canister's hooked tab from the bracket.
4. Remove the connector tube from the top port of the canister.
5. Remove and discard the used canister.
6. Place new canister's hooked tab into the slot in the bracket, pull down until canister snaps into place and is fully seated.
7. Slide bracket with canister attached up the pump barrel until retaining pin holes are aligned.
8. Insert retaining pin completely into the hole, locking the replacement canister onto pump.
9. Secure the connector tube onto the new replacement canister's top port.
10. Replace sanitary cover.



Add water purity to your life...for more information about other General Ecology® products please contact:

Technical Questions (610)363-7900
800-441-8166 est M-F (for retail orders) • 24 hr. Fax (610)363-0412
e-mail: info@generalecology.com • www.generalecology.com

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151 Sheree Blvd., Exton, Pennsylvania 19341 USA

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No Chemicals • No Boiling • No Hold-Time

first need® XLE
WATER PURIFIER **ELITE**

first need XLE ELITE Features:

- **NEW** Cleanout Port for easier cleaning (without changing hose configuration)
- Even more durable than previous first need models
- Pumping, provides about 2 quarts of purified water per minute. Average capacity of 180 gallons (performance may vary according to influent water quality).
- Gravity flow, "Matrix Pumping™" provides purified water with **no hand pumping**.
- Removes *Giardia* and *Cryptosporidia*.

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



QUICK & EASY TO USE!

INSTRUCTIONS

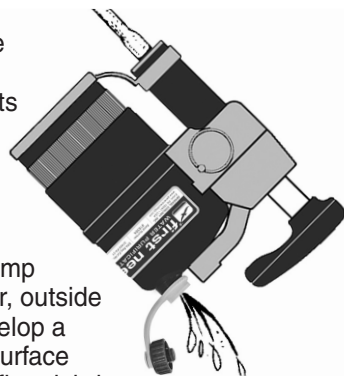
Keep with your **first need XLE ELITE** Purification System

CLEANOUT PORT INSTRUCTIONS

first need XLE ELITE's new Cleanout Port enables more convenient, "quick & easy" removal of surface debris and contaminants accumulated on the canister matrix during normal operation. As debris accumulates on the matrix, more pump force is required, forcing particles into the matrix and eventually clogging. For this reason the Cleanout Port should be used daily, or as needed, to obtain best canister capacity.

Recommended as a final step during long term storage, **dilute chlorine solutions are not required for daily use.**

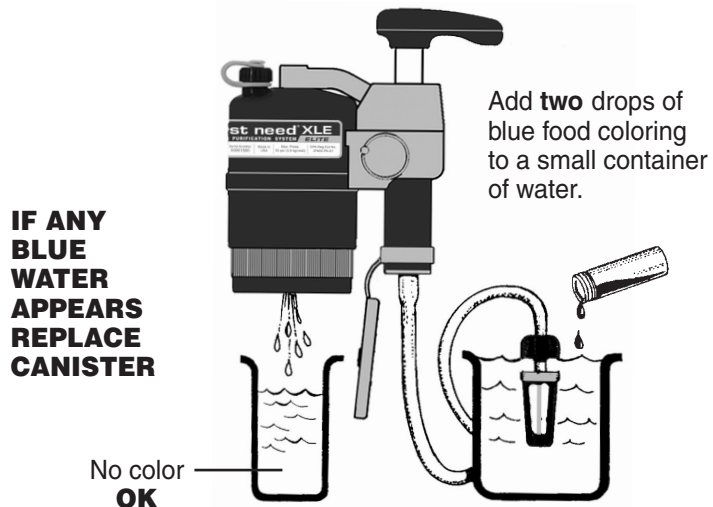
1. Pump to fill the canister with the cleanest water available. Shake the unit to dislodge contaminants and debris within canister.
2. Place the sanitary cover on the canister and open the Cleanout Port on the top.
3. Invert the system and slowly pump clean water through the canister, outside of the matrix. The goal is to develop a rinsing flow to dislodge matrix surface debris...especially the invisibly fine debris nearly the same size as the openings in the matrix.
4. Repeat steps 1 to 3 if the pump is still hard to operate.
5. Close the Cleanout Port. Remove the sanitary cover.
6. Perform the **"Blue Dye" Integrity Test** to be sure the canister has not been damaged before relying upon the **first need XLE ELITE** to produce purified water.



INTEGRITY TEST PROCEDURE

"Blue Dye" Integrity Test:*

Pump blue colored water through canister as shown. If the purified water is still colored, even faintly, the internal canister has most likely been damaged and **The Canister Can Not Be Relied Upon Under This Condition And Must Be Replaced.**

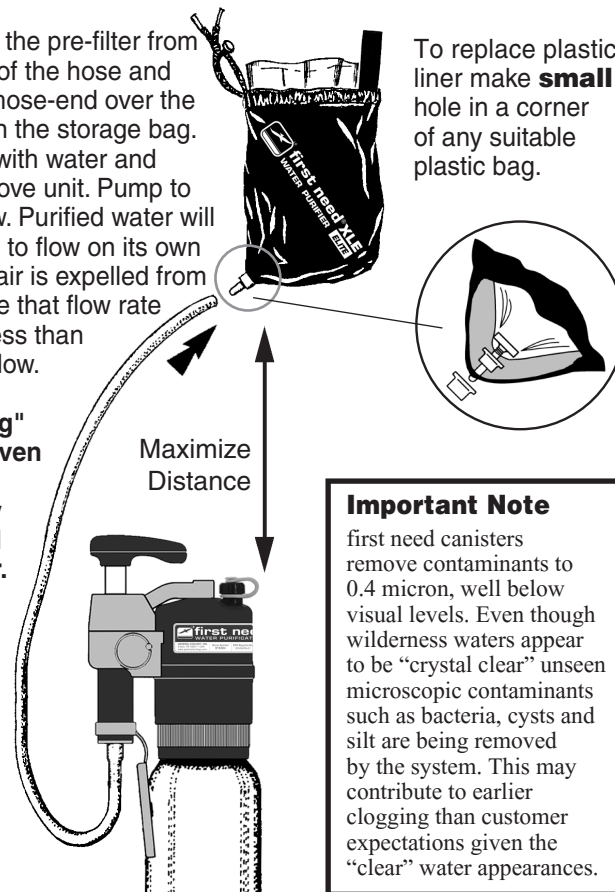


* Because the initial flow from a new purification canister may contain black "fines" (harmless) from the manufacturing process, it is best to pump at least one pint of water before doing an integrity test to avoid possible confusion.

HANDS FREE "MATRIX PUMPING"™

Remove the pre-filter from the end of the hose and slip the hose-end over the nipple on the storage bag. Fill bag with water and hang above unit. Pump to start flow. Purified water will continue to flow on its own after all air is expelled from line. Note that flow rate will be less than normal flow.

"Matrix Pumping" works even with a partially clogged canister.



Important Note

first need canisters remove contaminants to 0.4 micron, well below visual levels. Even though wilderness waters appear to be "crystal clear" unseen microscopic contaminants such as bacteria, cysts and silt are being removed by the system. This may contribute to earlier clogging than customer expectations given the "clear" water appearances.

HELPFUL TIPS FOR OPTIMUM USE

1. Remember to perform **"Blue Dye" Integrity Test** before each trip and check that pump is in working order.
2. Use the cleanest water available.
3. If pumping becomes extra difficult, clean out or replace canister.
4. Remember "Matrix Pumping" works (slowly) even with a partially clogged canister.
5. Avoid freezing or high shock loads - perform integrity test procedure if canister freezes or receives a shock. If canister freezes it should be thoroughly defrosted before use.
6. Store in a clean, dry area away from fumes. Keep Sanitary Cover in place at all times when not purifying water.
7. Questions or replacements contact us at 800-441-8166 or www.generalecology.com

SEASONAL / LONG TERM STORAGE

1. Follow and complete the Cleanout instructions.
2. Pump unit to expel loose water.
3. Mix approximately 2-3 drops of household bleach to 8 ozs. of clean water. Drop approximately 3 drops of this solution into the Direct Connect Outlet. Firmly place on the Sanitary Cover and shake to disperse the solution.
4. Entire unit can be stored in "Matrix Pumping" nylon bag, not inside clear plastic liner bag. Keep Sanitary Cover on canister to keep Direct Connect Outlet clean.
5. Store in a clean, dry area away from fumes and freezing temperatures.