



first need[®] XL

PORTABLE WATER PURIFIER



New Design with Great New Features... Same Award-Winning "Structured Matrix" Technology!

New features include:

- Increased capacity — more debris holding capacity
- Faster flow rate
- Advanced "Direct Connect" versatility... fits more bottles and hydration packs
- Secure Connector / Pressure Relief Tube
- More secure hose fitting for backwashing
- Flexible Sanitary Cover relocated for easier bottle attachment
- Increased impact resistance
- Easier pumping
- Canisters are interchangeable with older units



General Ecology, Inc.

first need[®] XL

portable water purifier

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

Comfortable, ergonomic palm-molded handle

Reliable, double-action field-serviceable pump

Sealed "Structured Matrix"[™] System Canister to prevent contact with contaminants (backwashable)

"Direct-Connect" for attachment to popular trail bottles (additional adapters sold separately)

Flexible, separate sanitary cover

Long non-kink intake hose for easy operation

Integrated, adjustable float. (Included)

Prefilter eliminates the need for backflushing. (Included)



- Easy to Use
 - Fast Flow Rate
 - Lightweight, Compact
 - No Hold Time or Double Pumping
 - Indicates End of Useful Capacity

- "All Natural" Purification - No Chemicals!
 - No More Iodine Taste!

- Effective Protection** - Removes
 - Pathogenic Cysts (e.g. *Cryptosporidia*, *Giardia*)
 - Disease Bacteria
 - Viruses
 - Chemical Contaminants (e.g. pesticides, herbicides, toxic chemicals)
 - Aesthetic Contaminants (e.g. foul taste, odor, color)
 - Dirt and Sediment

- Unique Proprietary "Structured Matrix"[™]** 3-Stage Purification Technology
 1. Ultrafine Microstraining
 2. Molecular Capture
 3. Electrostatic Removal

= natural and ecological removal of contaminants from your drinking water

**Microbiological claims based on independent certification to EPA Guide Standard for Microbiological Purification. Refer to Test Data for specific claims.

TECHNICAL SPECIFICATIONS

| | |
|---|-----------------------------|
| Average Flow Rate..... | 2 (qt./min.) |
| Average Canister Capacity*..... | 150 gallons (1,200 pints) |
| Temperature Range..... | 33°F (.5°C) to 100°F (38°C) |
| Micron Retention..... | 0.1 nominal (0.4 absolute) |
| Weight..... | 16 oz. |
| Pump Length..... | 6.25" |
| Tube (w/ Prefilter) Length..... | 36" |
| First Need XL p/n..... | 322000 |
| First Need XL Replacement Canister p/n..... | 302200 |

*Based on clean wilderness waters - Actual capacity varies



Bottle not included

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