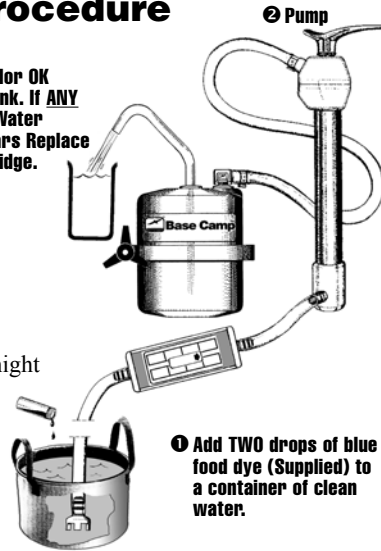


Cartridge Integrity Test Procedure

Pump colored water through system as shown. If the purified water is still colored, even faintly, the internal cartridge matrix has most likely been damaged and *the cartridge can not be relied upon under this condition and must be replaced.*

② **NO color OK to Drink. If ANY Blue Water Appears Replace Cartridge.**



① **Add TWO drops of blue food dye (Supplied) to a container of clean water.**

Tips to Extend Cartridge Life

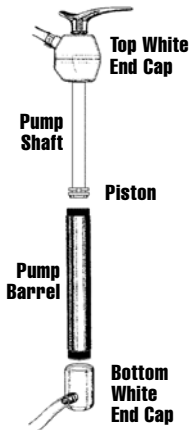
1. Use cleanest fresh water source available.
2. Avoid freezing. Expel any loose water if freezing might occur. Freezing may rupture cartridge. If freezing does occur, perform cartridge integrity test.
3. Avoid high impact. If damage is suspected, do cartridge integrity test.
4. Long term storage: We recommend that 1 pint of a dilute solution (1/6 tsp. to 1 pint water—no more) of household bleach be pumped slowly through the cartridge. Follow with clean, non-chlorinated water. Do not allow heavy concentrations of chlorinated water to remain in the unit long term. Pump the remaining “loose” water from the cartridge. We also suggest removing the cartridge and allowing it to air dry during prolonged periods of non-use.

Note: Please be sure to thoroughly rinse all pieces of tubing in the chlorinated water as well.

Field Serviceable Pump

Even with care, small debris can enter the pump barrel and cause malfunction. Try correcting this by:

- Simply shaking pump to dislodge debris
 - Disconnecting pump and flushing with water
 - If necessary, disassemble and rinse out pump:
1. Disassemble by removing white end caps from the Pump Barrel. Turn end caps counter clockwise to unthread. Do not disconnect top cap from pump shaft.
 2. Examine for debris or sediment, remove debris, rinse with clean water. If pump shaft has excessive scratches or nicks your prefilter may be damaged. Check prefilter for any damage.
 3. Reassemble by replacing white end caps and turning clockwise to rethread. Do not use tools and do not overtighten.



For Customer Service please call 800-441-8166

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first need® **Base Camp™**
PORTABLE DRINKING WATER PURIFIER

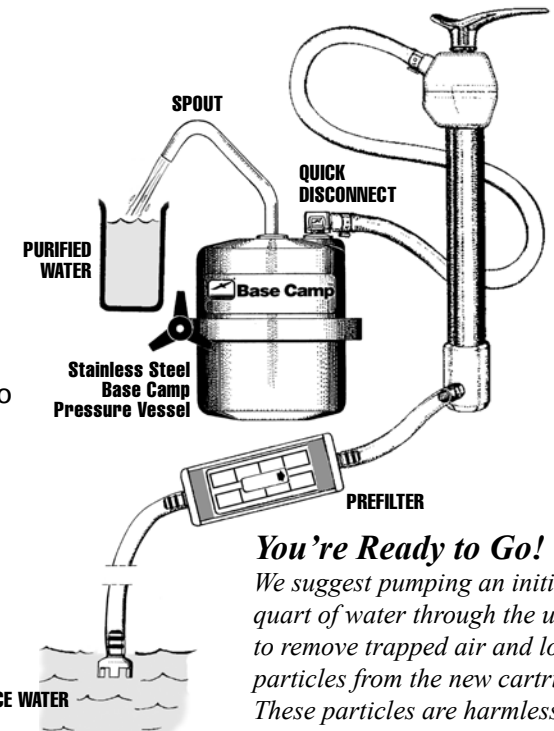
DRAFT

**INSTRUCTIONS
and FIELD
GUIDE**



QUICK START

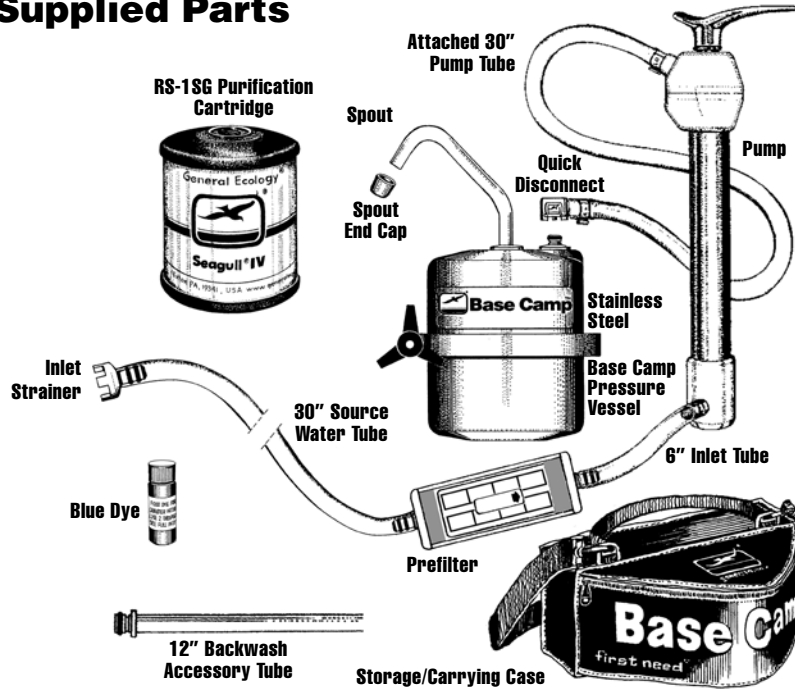
1. Check parts list.
2. Install cartridge in Base Camp Pressure Vessel.
3. Thread spout into Base Camp Pressure Vessel.
4. Attach prefilter to Pump Inlet Tube.
5. Attach Pump to Base Camp Pressure Vessel with “Quick Disconnect”™.



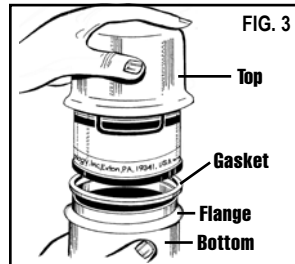
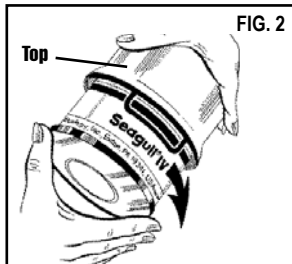
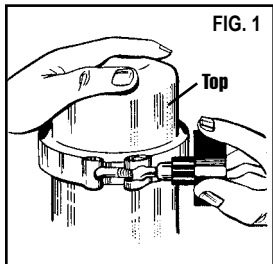
You're Ready to Go!

We suggest pumping an initial quart of water through the unit to remove trapped air and loose particles from the new cartridge. These particles are harmless.

Supplied Parts



Cartridge Installation and Replacement

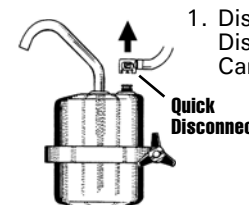
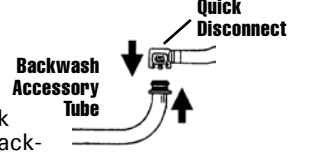
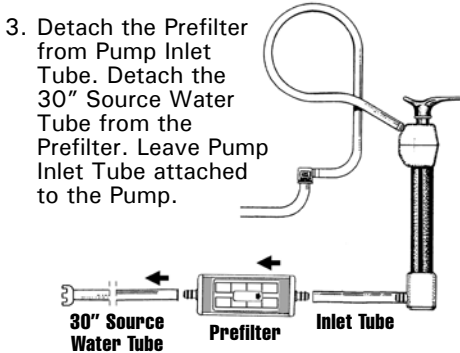
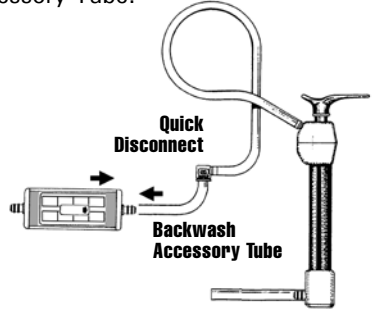



1. Open Vessel. (Fig.1) Remove V-clamp and separate Pressure Vessel upper and lower halves. Remove used cartridge by placing plastic bag over it and turning counter-clockwise. Close bag and discard.
2. Install cartridge. (Fig.2) Thread cartridge clockwise into top half of Pressure Vessel (be careful not to cross thread) until contact is FIRST made with rubber seal. Then tighten $\frac{1}{4}$ turn only. Do not over-tighten.
3. Reassemble Vessel. (Fig.3) Check to be sure Pressure Vessel flanges and gasket are clean and free of dents, nicks or cuts. Place gasket on flange of lower half of Pressure Vessel. Reassemble V-clamp, keeping Seagull[®] IV logo upright. Tighten V-clamp snugly by hand. Do not use tools to tighten!

RS-1SG Cartridge is rated for 500 gallons. Capacities may vary according to influent water quality.

Prefilter Cleaning Procedure

Most larger contaminants will get trapped by the prefilter, which should be cleaned periodically to preserve the life of your Base Camp system.

1. Disconnect the Quick Disconnect from Base Camp vessel.
 
2. Attach the Quick Disconnect to Backwash Accessory Tube.
 
3. Detach the Prefilter from Pump Inlet Tube. Detach the 30\"/>

4. Attach Prefilter to Backwash Accessory Tube. This will reverse the flow of water through the Prefilter.
 

5. Set the Pump base and attached Inlet Tube into a container of clean water. Slowly and Steadily pump a few strokes so water flows backward through the Prefilter, removing surface debris. Re-attach the 30\"/>

6. Reverse the sequence to reinstall the Prefilter. Examine prefilter for tears or other damage, replace if necessary. This completes the cleaning procedure for the Prefilter. Your Base Camp system is ready to use.

Helpful hints

- If sediment or organic debris has been allowed to dry on or inside of Prefilter, soak Prefilter in water to loosen particles, then try to backwash again.
- Do a quick backwash after each trip and during trip if Prefilter is used in heavily sedimented filled water.
- Be sure to store Backwash Accessory Tube with your system. Best stored dry in plastic bag inside Carrying Case.