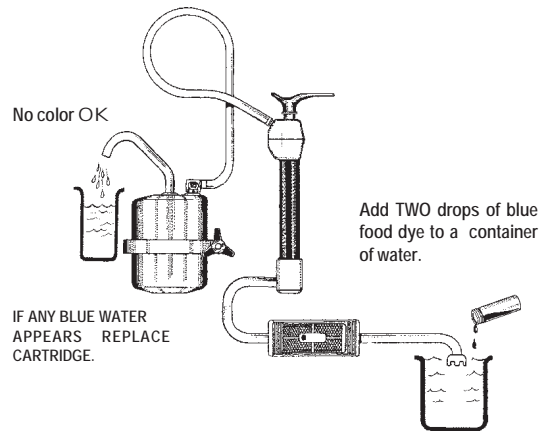


CARTRIDGE INTEGRITY TEST PROCEDURE



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.*

TIPS TO EXTEND CARTRIDGE LIFE:

1. Use cleanest 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 shocks. If damage is suspected, do cartridge integrity test.
4. Long term storage: We recommend that 1 pint (500 ml) of a dilute solution (1/6 tsp. to 1 pint water—no more) of household bleach be pumped slowly through the cartridge.

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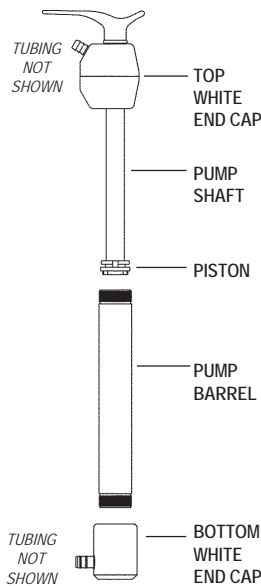
Follow with clean, non-chlorinated water. Do not allow heavy concentrations of chlorinated water to remain in the unit long term. Pump the remaining "loose" water from the cartridge. We also suggest removing the cartridge and allowing it to air dry during prolonged periods of non-use. Note: Please be 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 chamber 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. 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. Examine prefilter for tears or other damage.
3. Reassemble by replacing white end caps and turning clockwise to rethread. Do not use tools and do not overtighten.



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TECHNICAL SPECIFICATIONS

Capacity*, Avg., in Gallons (Liters) 500 (1900)
 Cartridge Type RS-1SG
 Particle Retention, Nominal (Absolute) 0.1µ (0.4)µ
 Temperature Range F° (C°) 33 (.5) to 145 (63)

*Capacity based on clean wilderness waters.

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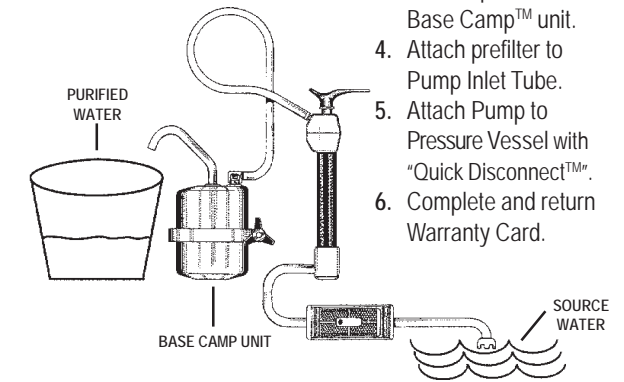
FIRST NEED® Base Camp™ PORTABLE DRINKING WATER PURIFIER



INSTRUCTIONS

QUICK START

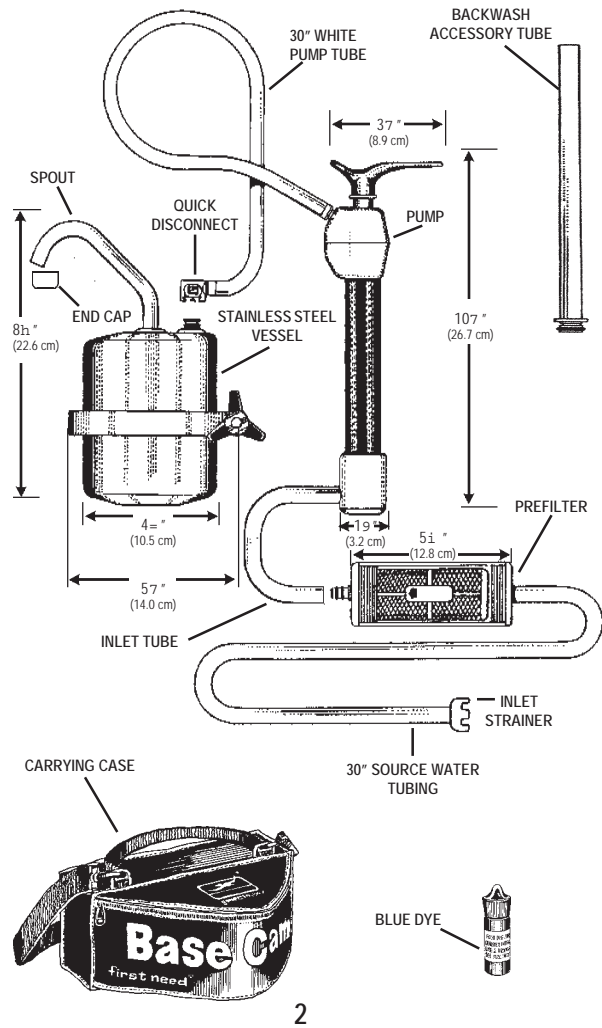
1. Check parts list.
2. Install cartridge (see page 3).
3. Screw spout into Base Camp™ unit.
4. Attach prefilter to Pump Inlet Tube.
5. Attach Pump to Pressure Vessel with "Quick Disconnect™".
6. Complete and return Warranty Card.



You're ready to go! We suggest pumping an initial quart of water through the unit to remove trapped air and loose adsorptive particles from the "Structured Matrix™" cartridge. These particles are harmless, but, for appearance, this first quart of purified water may be discarded.

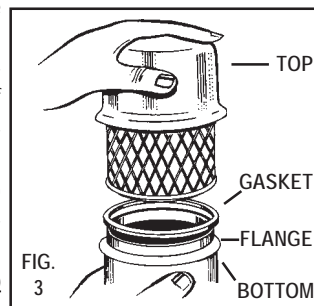
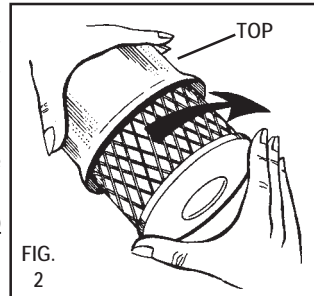
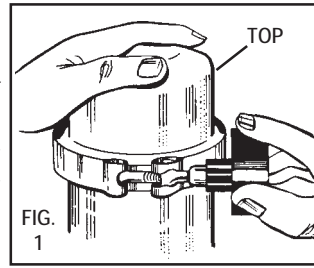
1

PARTS AND DIMENSIONS



CARTRIDGE INSTALLATION AND REPLACEMENT

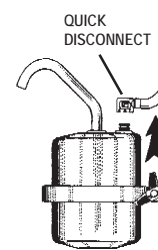
- Open canister.** (FIG. 1) Remove vee-clamp and separate Pressure Vessel upper and lower halves. Remove used cartridge by placing plastic bag over it and turning counter-clockwise. Close bag and discard.
- Install cartridge.** (FIG. 2) Thread cartridge clockwise into top half of Pressure Vessel (be careful not to cross thread) until contact is FIRST made with rubber seal. Then tighten 1/4 turn only. **Do not overtighten.**
- Reassemble canister.** (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 vee-clamp, keeping Seagull® IV logo upright. Tighten vee-clamp snugly by hand. **Do not use tools to tighten!**



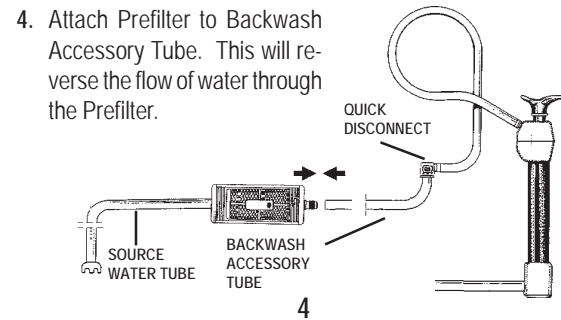
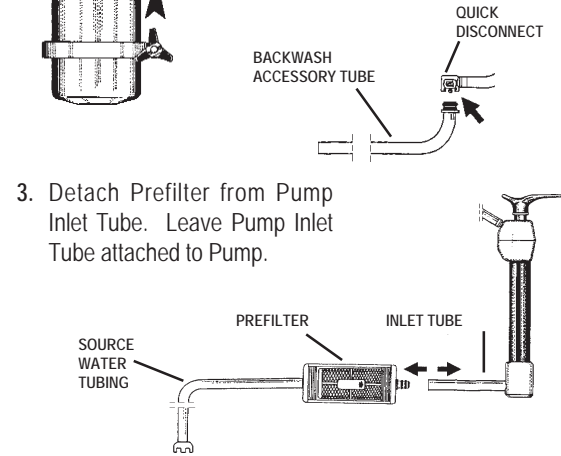
PREFILTER CLEANING PROCEDURE

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

- Disconnect the Quick Disconnect from Base Camp vessel.
- Attach Quick Disconnect to Backwash Accessory Tube.
- Detach Prefilter from Pump Inlet Tube. Leave Pump Inlet Tube attached to Pump.
- Attach Prefilter to Backwash Accessory Tube. This will reverse the flow of water through the Prefilter.
- Set the Pump base and attached Inlet Tube into water. Slowly and steadily pump a few strokes so water flows backward through the Prefilter, removing surface debris.

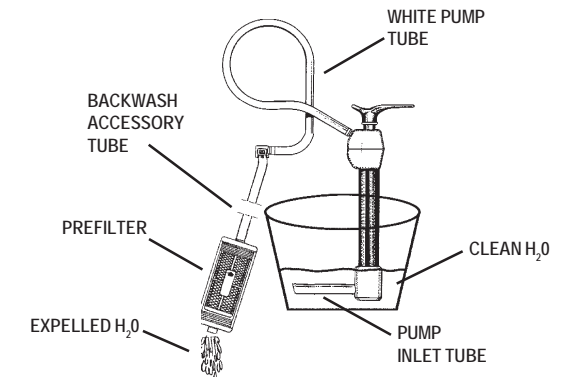


- Disconnect the Quick Disconnect from Base Camp vessel.
- Attach Quick Disconnect to Backwash Accessory Tube.



- Set the Pump base and attached Inlet Tube into water. Slowly and steadily pump a few strokes so water flows backward through the Prefilter, removing surface debris.

FULLY ASSEMBLED PREFILTER CLEANING CONFIGURATION



- Reverse the sequence to reinstall the Prefilter. This completes the cleaning procedure for the Prefilter. Your Base Camp system is ready to use!

HELPFUL HINTS

- If Prefilter is heavily clogged, remove source water tubing in Step 4 to prevent clogging of tubing during backwash procedure.
- 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 sediment filled water.
- Be sure to store Backwash Accessory Tube with your system. Best stored dry in plastic bag inside Carrying Case.