



# INSTRUCTIONS FOR USE

## Model SP194

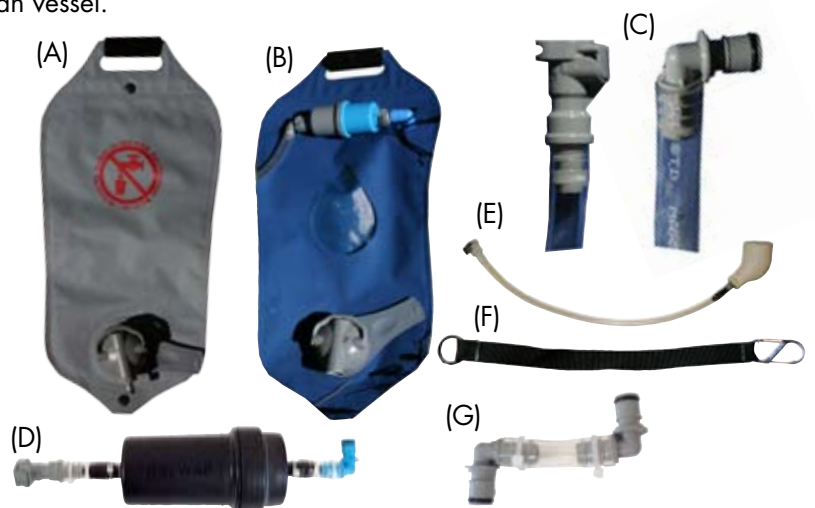
Congratulations on your purchase of the revolutionary Sawyer Gravity-Powered Filtration System. Please review the instructions and precautions below to make sure you receive the ultimate benefit from your filtration system.

### PRECAUTIONS AND WARNINGS

- Do not let your filter freeze. This could damage the filter housing or the fibers themselves.
- Do not let your filter or reservoirs be exposed to excessive heat, greater than 115 degrees (i.e. in a hot car)
- Keep your vessels in the shade to minimize any sun exposure and heating of the water.
- Avoid using treated tap water if possible. Chemical treatments can leave a residual taste in the vessels. Do not use sports drinks or store anything other than water in your clean vessel.

### WHAT'S IN THE BOX

- (A) 4-liter Untreated Water Reservoir (Grey) with Cap
- (B) 4-liter Clean Water Reservoir (Blue) with Cap
- (C) Filter Hose (with Grey 90-degree fitting on one end and Grey Straight fitting on other end)
- (D) 0.02 Micron Purifier Filter
- (E) Faucet Adapter
- (F) S-Biner Hanging Loop
- (G) Double 90° Fitment
- (H) Drink Tube with Blue Fitting (not shown)



### PRIMING THE PURIFIER

The Purifier will need to be primed before use and after each prolonged storage. This should be done BEFORE you start your outing and with water that is from a known safe source such as your kitchen sink.

- Connect one end of the Double 90 degree fitment (G) to the Grey quick release fitting on the Purifier (inflow)
- Connect the quick release end of the faucet adapter (B) other side of the double 90 degree fitment (G).
- Push the faucet adapter onto your faucet (some force may be required; hold the faucet securely while pushing on the faucet adapter).
- Set the Purifier into sink pointing away from you.
- While holding the faucet adapter in place on the faucet, SLOWLY turn on the faucet. You will need to hold the adapter to keep it from popping off the faucet. The flow through the purifier will start off very slowly and then increase. If the adapter keeps popping off before you get flow through the purifier, you will need to move to another faucet with a tighter fit.
- SLOWLY open the faucet more as the flow increases and let the water run for a few minutes.
- Turn off the faucet, remove the Double 90 degree fitment and the faucet adapter from the purifier and you are ready to filter purified water into your clean reservoir.

### ASSEMBLING & USING THE SYSTEM

The color-coding makes it easy: GREY means untreated water; BLUE means filtered water.

- Attach Blue side of the Inline Purifier Filter into the fitting on the Blue Reservoir by clicking it to fasten. Make sure Dispensing Cap on Blue Reservoir is closed (Handle is flush with cap).
- Attach 90-degree Grey Fitting on Filter Hose to the Grey side of the Inline Purifier Filter (now attached to the Blue Reservoir) by clicking it to fasten.
- Unscrew Dispensing Cap from the Grey Reservoir and put aside.

(See Over)



- Fill Grey Reservoir with untreated water source. (You can either use the reservoir to scoop water into the bag via the opening, place the opening under a running water source, or use any device for scooping and filling the bag through the opening (cooking pot, coffee cup, etc.)
- Re-attach Cap to Grey Reservoir (make sure Cap Handle is closed—handle is flush with cap).
- Using S-Biner Loop, hang Grey Reservoir from a convenient tree branch, or place on a rock, etc., approximately 3-4 feet above the Blue Reservoir.
- Attach Filter Hose (already attached to the Blue Reservoir) to the Grey Reservoir by clicking Straight Fitting onto the Dispensing Cap. (See Figure 1 on next page for finished set-up)
- Open the valve on the Grey Reservoir Dispensing Cap and observe the flow of water to the filter. If the flow is not continuous, disconnect the Grey 90-Degree fitting to eliminate any “air locks” in the hose. Re-attach and resume filtering.
- Filtering has now begun, and you’re free to relax or perform other tasks around camp.
- After filtering process is complete, close the valve on the Grey Reservoir Cap, and remove Filter Hose by unsnapping from Cap Attachment (push button to release).
- Remove the Filter Hose from the Purifier Filter and drain the hose. Remove the Filter from the Blue Reservoir. The filter hose can now be stored in the pocket on the backside of the Grey Reservoir. Use the snaps on the Grey Reservoir to fold the reservoir in half and to secure the filter hose.

## USING YOUR FILTERED WATER

You are now able to safely use the clean, filtered water in the Blue Reservoir.

- Hang the Blue bag from its handle using the S-Biner Loop and fill your water bottles, pots and pans, etc.
- Attach the supplied Drink Tube and a Bite Valve of your choice (not included) and use in your pack as you would any hydration system.

## CARE AND MAINTENANCE

- As with ALL soft sided water containers, certain beverages/drink mixes and/or waters (including some tap waters) may impart a taste onto the sidewalls of the container. If this occurs, dissolve 4 tablespoons of baking soda into 2 liters of warm water and place in container and let soak for an hour. Then rinse with clean water. Repeat if necessary. **DO NOT RUN THE SOLUTION THROUGH THE PURIFIER.** (While not harmful to the filter, it will need to be backwashed if solution is passed through it.)

### **CLEANING (BACKWASHING) THE PURIFIER FILTER:**

The Purifier Filter’s flow will start to slow down after use; this is normal. The quality of the water will greatly determine when this will happen. To extend the life of the Purifier, periodical backwashing is suggested.

- Remove Purifier Filter from its application.
- Insert the female quick release fitment on the Faucet Adapter (B) to the Outbound side of the Purifier (blue male fitment) Remember you are reversing the normal flow direction with this process
- Attach the faucet end of the adapter (B) to a faucet that is known to be of good quality water.
- Slowly turn on the faucet until a small stream comes out of the Purifier (you may need to hold the adapter on the faucet).
- Let the water flow for about 20—30 seconds after water runs clear.
- Remove the faucet adapter tube from the Purifier.
- Reinstall the Purifier, being careful to properly align the flow direction of the Purifier to the direction of the water flow.
- The Purifier can be manually backwashed in the field without the faucet adapter by applying body weight onto a soft-sided, clean water reservoir and reversing the flow through the filter. Remove the inlet hose to the filter and backwash at least 16 oz. (500ml) of clean water through the filter. Backwashing must be accomplished using at least 2 psi greater backwash pressure than the pressure that was used for prior filtering.

### **SANITIZING THE PURIFIER:**

- Prior to long-term storage, or after extended use, the Purifier Filter may be sanitized by adding a cap full of chlorine bleach to one quart of clean water, then passing it through the Purifier unit by squeezing on the bladder. Wait 20 minutes then drain the water from the Purifier and hoses. Let air dry.

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