

Thank you for choosing Middleboro Water's Pure Easy Camper's model Micro-Ceramic Water Filter. This unit can easily remove 100% of bacteria in water* with its unique dual-layer ceramic membrane cartridge. The Camper's model is ideal for hiking, fishing, hunting, survival, military, foreign travel, and emergency use.

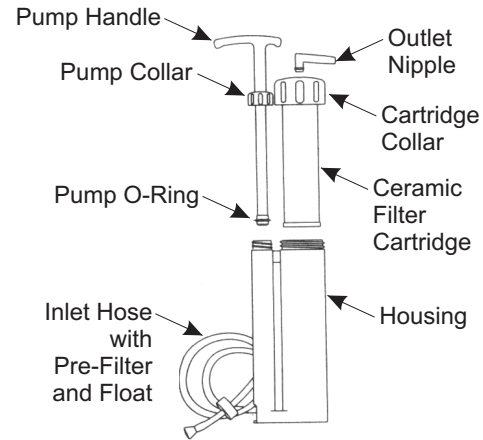


Figure 1

* e.g. Escherichia coli, Staphylococcus aureus, Salmonella typhi, Vibrio cholerae, Legionella pneumophila, and others.

Technical Data:

Output:	0.3 l/min 10 oz/min
Cartridge Capacity:	2000 liters 530 gallons
Weight:	88 grams 3 ounces
Dimensions:	13.8 x 5.7 x 2.8 cm 5.5 x 2.2 x 1.1 inches
Materials:	ABS plastic, Ceramic, NMC

Key Components:

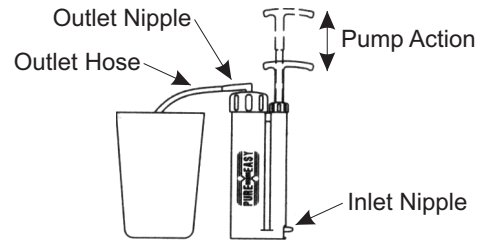


Figure 2

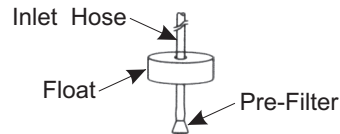


Figure 3

Before First Use

1. Attach the inlet and outlet hoses to the inlet and outlet nipples shown in Figure 2.
3. Place the pre-filter into tap source and adjust the float to keep the pre-filter off the bottom.
4. Place the outlet hose into a clean water container.
5. Hold the filter vertically and pump the handle in a slow, steady fashion.
6. Pump the handle in a slow, steady fashion until the water flows clear. This will usually require pumping approximately 1 pint (0.5 l) of water.

Usage Notes

- The ceramic cartridge is filled with NMC which may cause water to appear black or cloudy during its first use.
- Sometimes output may be opalescent due to air bubbles. This is normal and the water will clear in a few moments.
- Before each use, flush the Pure Easy filter by filtering and discarding a small amount of water (5 to 10 strokes of the handle).

Normal Operation

1. Ensure the filter is properly assembled according to Figure 1 and that both collars are firmly tightened. Do not over tighten or you may break the collars.
2. Attach the inlet and outlet hoses to the inlet and outlet nipples shown in Figure 2.
3. Place the pre-filter into the untreated water

source and adjust the float to keep the pre-filter off the bottom and from coming in contact with any sediment.

4. Place the outlet hose into a clean water container.
5. Hold the filter vertically and pump the handle in a slow, steady fashion.
6. When you have finished filtering water, remove the input and output hoses from the filter and continue pumping to remove remaining water from the pump housing.
7. It is not necessary to remove the outlet and inlet hoses from their respective nipples before returning the filter to its storage bag.

Filter Maintenance

To ensure maximum filter cartridge life, maintain the water Pure Easy Camper's Micro-Ceramic Water Filter according to these instructions:

1. **Never use force when pumping.** If the handle is hard to push, clean the system:

Clean the Filter Cartridge

- a. Remove the ceramic cartridge by unscrewing the cartridge collar (see Figure 1) and lifting out the cartridge.
- b. Clean the cartridge with clear water (preferably that has been filtered by the Pure Easy). If necessary, brush off the filter with of the provided abrasive cleaning sheets.
- c. Reinstall the cartridge and screw the cartridge collar back in place.

Lubricate the Pump O-Ring

- a. Remove the pump handle by unscrewing Pump Collar (see *Figure 1*) and lifting out the handle.
 - b. Place a small amount of the provided silicone lubricant all the way around the o-ring. Use only the silicone provided with this pump.
 - c. Reinstall the pump handle and screw the pump collar back in place.
- 2. If the unit pumps easily, but no water flows:**
- a. Make sure that the inlet and outlet hoses are properly connected to their respective nipples.
 - b. Ensure that the pre-filter is submerged in water but is not in contact with the bottom or any sediment.
 - c. Make sure that the inlet and outlet hoses are not kinked, clogged, or cut.
 - d. Hold the pump vertically: the two internal valves are gravity activated and may not work properly if the pump is held at an angle.
 - e. Ensure that the pre-filter is not clogged. Rinse the pre-filter in clear water to remove any particles that may be caught in the strainer.

Long Term Storage

1. Remove the ceramic cartridge and rinse the cartridge and filter body with clear water.
2. Allow both items to dry completely before reconnecting them.

3. Remove the pump handle, grease the pump o-ring with the provided silicone lubricant, and reinstall.
4. It is not necessary to remove the outlet and inlet hoses from their respective nipples before returning the filter to its storage bag.

Filter Longevity

The total amount of water that can be filtered through the ceramic filter is dependent upon the dirtiness of the water being filtered and the diligence with which the cartridge is cleaned. To extend the cartridge's life span, always use the best quality water available.

Usage Tips

- Keep the pre-filter out of sediment and in highly turbid water wrap a towel or similar cloth around the pre-filter.
- When possible, place untreated water in a container and allow sediment to settle out before filtering it.
- Inspect the cartridge for cracks during cleaning and any time the unit is dropped or after long term storage. If the cartridge is cracked, it will no longer provide its true filtering capacity and must be replaced.

Cartridge Replacement

1. Remove the outlet nipple from the cartridge collar and set aside, then unscrew the cartridge collar.
2. Remove the ceramic cartridge and discard it.

3. Insert the new ceramic cartridge into the pump housing and replace the cartridge collar and outlet nipple. (Make sure to remove any packaging material from the ceramic cartridge before inserting it into the filter housing.)
4. Flush the new cartridge by filtering and discarding 1 pint (0.5 l) of water.

Limited Warranty

The Pure Easy Camper's Micro-Ceramic Water Filter is warranted for one year against defects in materials and workmanship. Should your unit prove defective within one year from the date of purchase, return the unit along with your original sales receipt to Middleboro Water, LLC for repair or replacement at Middleboro Water's sole discretion. Damage caused by misuse, failure to properly maintain, or failure to properly clean the unit is not covered by this warranty.

Middleboro Water, LLC

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Package Contents

Pump Housing	Silicone Lubricant
Ceramic Filter Cartridge	Abrasive Cleaning Sheets
Inlet Hose with Pre-filter and Float	Instructions
Outlet Hose	Carrying Case or Bag.

PURE EASY CAMPER'S MICRO-CERAMIC WATER FILTER

USER'S GUIDE

Model: CF-S-11G

