



*Safe water, healthy life!*

## Travel water filter

(Model: PF114)

Turn rain, lake, and river water into drinkable water immediately! Ideal for: Hiking, Fishing, Hunting, Survival, Military, Foreign Travel, Emergency, etc. 99.9999% removes bacteria with 0.1µm ceramic membrane cartridge.

### Features:

- **High filtration fineness:** Unique dual ceramic membranes cartridge (0.1µm).
- **With nano-metal clusters media:** Remove chemicals such as soluble heavy metal ions.
- **Environment friendly:** Cleanable cartridge and no need power. (Not one-time filter).



### Characteristics:

- 1) **Unique dual ceramic membranes cartridge:**  
(Patent No. [ZL200510033632.9](#))
  - Entirely removes bacteria in water like Escherichia coli, Staphylococcus aureus, Salmonella typhi, Vibrio cholerae, Legionella pneumophila, Giardia intestinalis.
  - Filters out particles down to 0.1 micron — compare to the best commercially available unit that can only filter down to 0.2 micron!
  - Entirely removes suspended contaminants of algae, worms, dusts, etc.
- 2) **Nano-metal clusters media:**  
(Patent No. [ZL200610034167.5](#))
  - Highly efficiently reduces residual chlorine and disinfection by-products.
  - Highly efficiently removes heavy metal ions in water such as  $Pb^{2+}$ ,  $Cd^{2+}$ ,  $Cr^{6+}$ ,  $As^{3+}$ , etc.
  - Efficiently decreases organic pollutants.



### Technical Data:

**Size of ceramic membrane's aperture:** 0.1 micron

**Output:** Approx. 500 ml/min

**Capacity:** 5,000 liters

**Weight:** Approx. 280 g

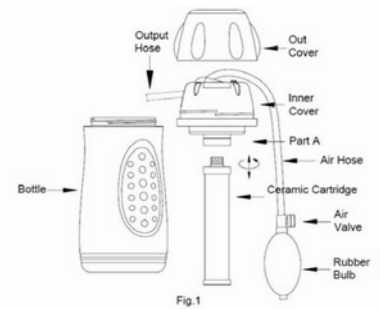
**Dimensions:** Φ8.5×21 cm

**Material:** PC and ABS plastic, Ceramic, Nano-metal clusters media (NMC)



## Normal Operation:

- 1) Screw the outer cover off, and screw the inner cover off (counter-clockwise) until it's open. Remove ceramic cartridge from package, and then screw the ceramic cartridge into the inner cover (part A in Fig.1).
- 2) Pour untreated water into bottle. Screw inner cover onto (clockwise) the bottle.
- 3) Pull out the terminal of output hose from groove of inner cover, and clip it. Adjust its angle to let filtrated water flow into container.
- 4) Connect the air hose with rubber bulb to gas inlet on the inner cover.
- 5) Close the air valve (clockwise) near by the rubber bulb.
- 6) Repeatedly squeeze the rubber bulb until the filtrated water flow out from the output hose.
- 7) After filling water container with filtered water or meeting your requirement, stop squeezing the bulb, open the air valve (counter-clockwise) to let the air inside the bottle release, otherwise the filtrated water will still continue flow out.
- 8) When you don't use the water filter. Then disconnect the air hose with rubber bulb from gas inlet on the inner cover and store it in the bag.
- 9) Screw off the inner cover, and pour out the remnant water in the bottle, then screw the inner cover back onto the bottle.
- 10) Twist output hose back to groove of inner cover when no water flow out. Make sure the output hose is inside the groove of inner cover.
- 11) Fasten out cover onto bottle by turning it clockwise. Store the travel water filter in the bag.



## Cleaning method:

If the filter's output water was too slowly and pumping the water very hard, then cartridge needs to clean. Remove ceramic cartridge by turning cartridge cover counter-clockwise. Clean the cartridge with water, if necessary with the supplied abrasive paper.

## Package:



**Inner box packing size:** L\*W\*H = 12.5\*9.2\*23 cm

**Outer carton size:** L\*W\*H = 57.5\*52\*24 cm

**One carton quantity:** 24 pieces

**N. W/G. W:** 12.1/13.1 kg

**Quantity in 20' GP:** 8,000 pieces

**Quantity in 40' GP:** 18,000 pieces



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