



Safe water, healthy life!

Soldier water filter

(Model: PF111)

Soldier water filter is the lightest, smallest water filter. It's a good choice for soldiers, hiking, camping, fishing, hunting, climbing, trip/travel, outdoor work, survival, emergency and also refugee and rescuer in earthquake or flood area etc. And it is also an affordable source of drinking water for people who live in the conflict area, riot area, remote village and tribe. Also it's very easy to operate: Just pump the handle to instantly remove dangerous contaminants from drinking water.

Features:

- **Smallest:** Can be held in glasses box
- **Lightest:** Less than 90g
- **Environment friendly:** Cleanable cartridge, no need power
- **High filtration fineness:** Unique dual ceramic membranes cartridge with mean pore size of 0.1 micron



Characteristics:

1) **Unique dual ceramic membranes cartridge:**

(Patent No.: ZL200510033632)

- Removes 99.9999% bacteria in water like Escherichia coli, Staphylococcus aureus, Salmonella typhi, Vibrio cholerae, Legionella pneumophila, and 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 protozoa, algae, worms, dusts, etc.

2) **Nano-Metal-Clusters media:**

(Patent No.: ZL200610034167.5)

- Highly efficiently removes heavy metal ions in water such as Pb^{2+} , Cd^{2+} , Cr^{6+} , As^{3+} , etc.
- Efficiently decreases organic pollutants.
- Having a good ability to remove odors and cloudiness.



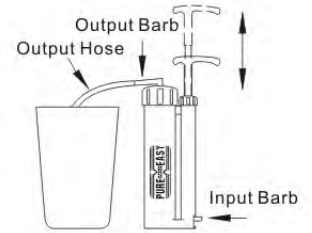
Technical Data:

- **Ceramic membrane pore size:** 0.1 micron
- **Output:** Approx. 0.3 L/min (0.08 gallons per minute)
- **Capacity:** 2,000 liters (530 gallons)
- **Weight:** Approx. 88g (3 oz.)
- **Dimensions:** 13.8x5.7x2.8 cm
- **Material:** ABS plastic, Ceramic, Nano-metal clusters media (NMC)
- **Including:** Pump housing, one reusable/replaceable filter cartridge. Inlet hose with pre-filter, outlet host with bottle adapter



Normal Operation:

- 1) Place the input hose into untreated water source (River, lake and rain, etc.). Adjust float to keep pre-filter off the bottom and away from sediment.
- 2) Place output hose into a clean water container.
- 3) Hold the filter vertically and begin pumping the handle in a slow steady manner.
- 4) After filling water container with filtered water, remove output hose from container and input hose from water source. Continue pumping to remove remaining water from pump body.
- 5) Wrap input hose and output hose around housing. Store filter inside the box (bag).



Cleaning method:

If the filter's output very smaller 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.



Packing detail:

1. Plastic packing:

Inner box packing size: L*W*H = 24*17*6 cm
Outer carton size: L*W*H = 62.5*36*26 cm
One carton quantities: 36 pieces
N.W/G. W: 6.3/7.5 kg
Quantity in 20' GP: 15,000 pieces
Quantity in 40' GP: 33,000 pieces

2. Bag packing:

Inner bag packing size: L*W*H = 17*8*2.5 cm
Outer carton size: L*W*H = 48*24*40 cm
One carton quantities: 140 pieces
N.W/G. W: 16.8/17.8 kg
Quantity in 20' GP: 64,000 pieces
Quantity in 40' GP: 145,000 pieces

Plastic packing:

Carton packing:



Bag packing:

Carton packing:



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