

StepPure™ Mark IV Water Filtration System



During disaster event, access to clean water often remains a critical and challenging issue. The StepPure™ Water Filtration system would allow more victims access to clean and safe water for consumption, sustenance and survival.

The manually-powered system does not require electricity to operate, and thus are very appropriate for use in disaster-stricken and remote areas where power supply is affected or scarce. Using only bodyweight, the lightweight and compact 500L/h with Multi-Stage Filtration system is designed and developed by Golden Season. Each unit is able to fill approximately 320 bottles (1.5litre capacity) with filtered water per hour.

The system is compact and can be checked in as normal luggage, allowing humanitarian relief workers to transport the system along with their flights. Equipped with wheels, the system is easily transportable across challenging terrains.

Stepping activates the pump, which begins passing water through a Multi-stage water filtration process. This process removes particles larger than 0.01 microns including bacteria. Beside ultra filtration, the system also incorporates a carbon filter to remove foul smells and odors.

When the membranes are dirty, a pressure gauge will show an increase in pressure, indicating that the system requires cleaning. The membranes can be easily cleaned through flushing. During flushing, clean water flows through the membranes to expel the sediments and microorganisms stuck on the membrane surface. Thereafter, the membranes will be ready to produce more water.



Improved features over Mark III:

- Easily cleaned, long life span stainless steel pre-filter
- Upgraded piston style pump for enhanced durability
- Tested against WHO drinking water recommendations, 4th edition

Specifications	
Dimension:	[Filter + Cage = 93cm X 59cm X 39cm] [Stepper = 70cm X 36cm X 30cm]
Note:	Can be checked in as normal luggage on commercial airplanes
Filter	31 kg
Pump	22 kg
Total weight:	53 kg

*Specifications are subject to change without prior notice.

Back Flushing

- ✓ Please use clean water for Back Flushing.
- ✓ You may also use with clean water suitable disinfectant.
- ✓ Recommended duration for 20 to 30 minutes

Disclaimer:

Golden Season water filtration systems are designed for emergency response / disaster relief situations. While every effort is made to ensure that the filtered water is fit for consumption, the results of filtration are dependent on water sources, the state of the water filters as well as the equipment competency of the user among other factors.

These products designed for emergencies are to be used at own risk. Neither Golden Season nor any other party (whether or not involved in producing, maintaining or delivering this Website), shall be liable or responsible for any kind of loss or damage that may result due to the use of our product. This exclusion shall include servicing or repair costs and, without limitation, any other direct, indirect or consequential loss.