

TRAVEL KIT

FUNCTION

The Travel Kit is a portable, stand alone, gravity operated chemical free drinking water filtration system for individuals.

DESCRIPTION

The Travel Kit comprises the Scanwater drinking water filter, an open top raw water container of 5 litres capacity, an open top drinking water container of 5 litres capacity and a drinking water only can with screw cap of 2.5 litres capacity.

Also included are a priming pump, operating and maintenance instructions and a cleaning sponge.

OPERATION

No power, electricity or mechanical peripherals are required to produce safe drinking water from suspect sources, as it is a gravity filter and no chemicals are used.

Suspect water is scooped into the raw water bag, which is placed higher than the empty drinking water bag. The filter is immersed in the suspect water, and the siphoning process is initiated with the priming pump.

The outlet pipe is then placed into the opening of the clean water bag and filtered water will flow as long as the raw water bag is topped up.



WARNINGS

- **DO NOT** blow into the filter through the outlet pipe.
- **DO NOT** wipe the surface of the membrane with coarse material or a brush.
- **DO NOT** connect the neoprene outlet tube to the water supply.

- **DO NOT** store the filter when wet or in sub zero temperatures.
 - **DO NOT** expose the filter to direct sunlight or excessive heat.
 - **DO NOT** use the filter if the membrane is in any way damaged.
- Failure to observe these basic rules can result in filter damage and the possible intake of harmful bacteria**

TECHNICAL DATA

[see maintenance instructions on reverse](#)

Product no: 5800 30 J

(if available), and drying J

Dry mass: 625 grams

Output: > 1525 liters per day J

Country of origin: Norway

Storage: Dry environment, above 0°C

Utilisation: the Kit is utilised in the mobile or static role by hikers, bikers, 4x4 enthusiasts, caravaners, boat owners, hunters, anglers, special forces and aid workers

Endorsements: United Nations Agencies, as well as extensively throughout Africa, South America and Asia. Tests have been conducted by a number of recognized European laboratories, the CSIR and SABS in South Africa and the Ministry of Health in Mozambique

Individual presentation: stowed in a black or camouflaged storage bag with zipper, wrapped in in a cardboard sleeve

Filter life: 2 500 liters J

Period in use: Since 2002

Shipping data: 25 in a carton box ; gross mass 16.0 kg; dimensions 590x410x410 mm

Maintenance: Filter as per operating instructions in filter brochure enclosed. Containers weekly cleaning of the bags with a suitable dish washing liquid

Dimensions: 250x205x60 mm

J depending on raw water quality



PARTS LIST

1. Zipper bag.
2. 5 Liter raw water bag.
3. 5 Liter drinking water bag.
4. 2.5 Liter drinking water bag with screw cap.
5. Filter with tube, sponge and certificate.
6. Priming pump.
7. Tube cork.
8. Operating instructions.

FILTER STATUS CHECK

Users of the ScanWater filter must regularly monitor the status of the filter, especially when the water flow rate appears very fast or before and after cleaning of the filter. To check the status of the filter:

Remove the filter from the unfiltered water bag and raise it above your head. Observe the end of the outlet pipe for the following symptoms:

No flow or 2 or 3 Drops after cleaning from the outlet tube indicates a serviceable filter.

A constant stream indicates that the filter membrane is damaged.

KIT ASSEMBLY AND START UP

1. Scoop 5 liters of raw water into the raw water bag and suspend the bag 0.6 to 1 meter above the drinking water bag.
2. Unfurl the neoprene tube from the tube organiser and insert the filter into the raw water in the raw water bag.
3. Attach the priming pump to the end of the tube and commence priming until water flows from the pump.
4. Insert the tube end into the drinking water bag.
5. Filtered water can be transferred to the 2.5 liter screw cap drinking water bag.

HINTS AND TIPS ON USE

1. A few minutes will elapse before water exits from the filter, especially with a new filter.
2. The higher the raw water bag is suspended above the drinking water bag the faster the flow rate will be.
3. Do not exceed the pipe length or lengthen the pipe.
4. In cases where the water is very turbid and daily cleaning of the membrane is required, the raw water must be allowed to stand for at least a day in a suitable container so that the sediment can settle. If flocculant is available this can be used to accelerate the settling process. Use the water off the top of the container and dispose of the sediment before the next batch is used.

ROUTINE MAINTENANCE AND STORAGE

1. The filter maintenance is described in the filter brochure enclosed.
2. Weekly: empty the containers completely, wash all of them in clean water, preferably with dish washing liquid then rinse thoroughly.
3. Allow the components to be wind dried.
4. Store the system in a clean, cool and dry place.



The supplier cannot be held liable for faulty use of the filter.