



We Hope You Never Use This

But if you do, it could save your life



Emergency Desalination System



SeaPack®

A Revolutionary Concept in Ocean Survival

Powered by forward osmosis and HTI's revolutionary membrane technology, the SeaPack provides emergency hydration fluids from saltwater sources. Because the SeaPack utilizes a passive osmotic process, it is by far the easiest desalination technology available, even lending itself to one hand operation in case of injury.

HOW IT WORKS:

Osmosis is a natural process that involves the passage of water through a membrane due to osmotic pressure generated by a high concentration of dissolved solids on one side. The SeaPack uses sugar to create this osmotic pressure, and water is drawn through the membrane filter to dilute the sugar while the salt molecules are blocked by HTI's membrane. In independent laboratory tests, the SeaPack filter meets or surpasses reductions for bacteria, viruses, and cysts as specified by the EPA for water purifiers.

Boaters, aviators and military personnel will also benefit from the important calories the SeaPack delivers, which will be a source of energy boosting nutrients during an emergency survival situation.

The SeaPack boasts simplicity of operation; just inject one 4 oz grape nutrient charge into the green port, and fill the red port with saltwater. Nature takes over from there, osmotically drawing fresh water through the membrane while rejecting the salt molecules.

With 68°F (20°C) water, the SeaPack will produce 17 fl.oz. (500 ml) of lifesaving fluid in five hours, and may then be re-used.

SYSTEM SPECIFICATIONS:

Volume:	17 fl.oz. (500 ml)
Filter Life:	Eight uses in seawater within 10 days
Filter Output:	17 fl.oz. (500 ml) in 5 hours at 68°F (20°C) and 8 hours at 41°F (5°C)
User Effort:	seconds to fill, no work required for filtering



HTI Authorized Distributor

Future Technologies L.L.C.
Sheikh Zayed Road
P.O. Box 450581, Dubai , U.A.E.
P : +971-4-3809622
F : +971-4-3809633
E : info@futuretechme.com
W : www.futuretechme.com

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