

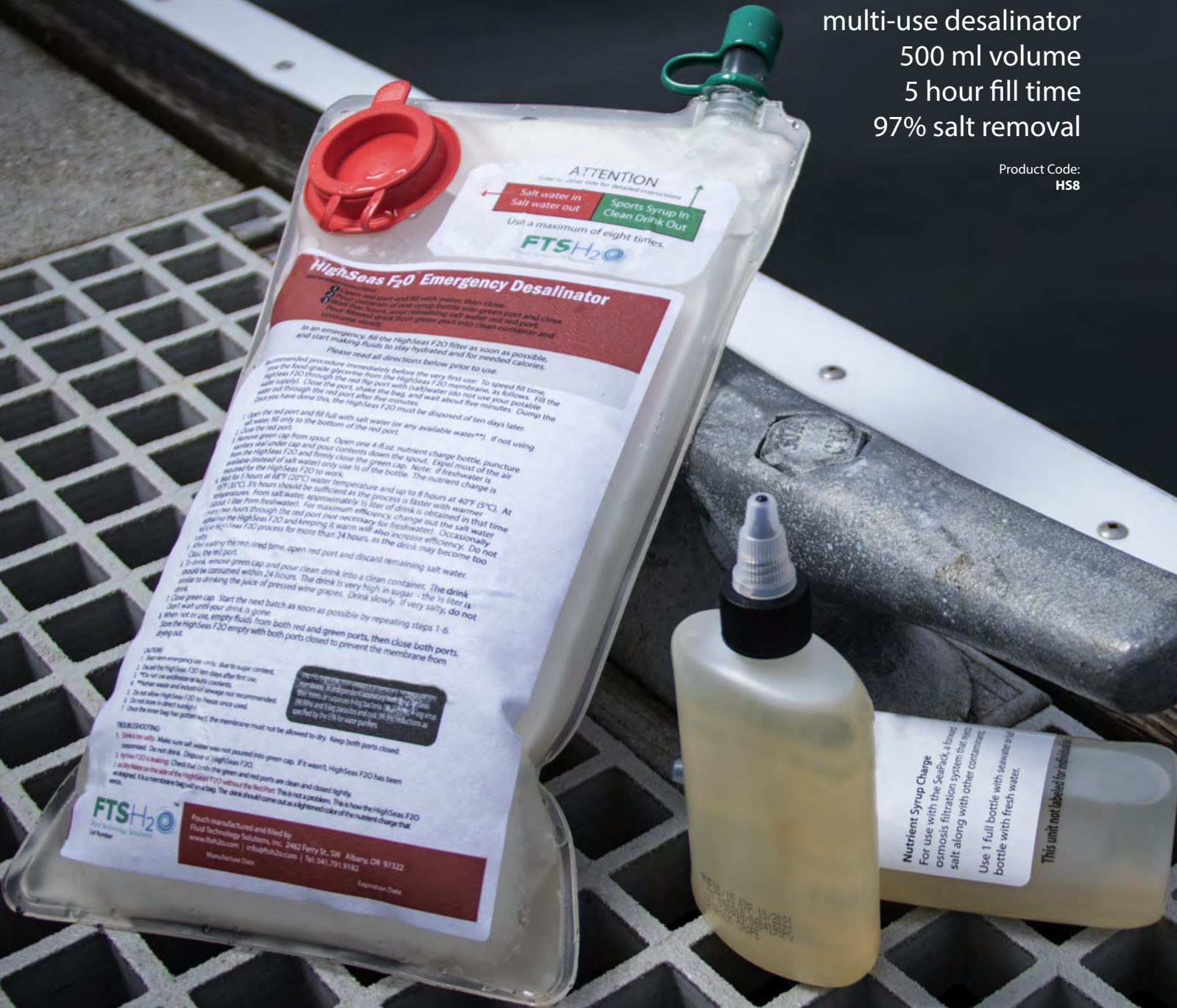
HIGHSEAS F₂O

FTSH₂OTM
Fluid Technology Solutions

EMERGENCY DESALINATOR

multi-use desalinator
500 ml volume
5 hour fill time
97% salt removal

Product Code:
HS8



ATTENTION

Over to other side for detailed instructions

Salt water in
Salt water out

Sports Syrup In
Clean Drink Out

Use a maximum of eight times.

FTSH₂O

HighSeas F₂O Emergency Desalinator

In an emergency, fill the HighSeas F₂O filter as soon as possible, and start making fluids to stay hydrated and for needed calories.

Please read all directions below prior to use.

1. Open the red port and fill full with salt water (or any available water**). If not using all water, fill only to the bottom of the red port.
2. Close the red port.
3. Remove green cap from spout. Open one 4-oz. nutrient charge bottle, puncture available (instead of salt water) only use 1/2 of the bottle. The nutrient charge is required for the HighSeas F₂O to work.
4. Fill for 5 hours at 68°F (20°C) water temperature and up to 8 hours at 40°F (5°C). At 68°F (20°C), 30 hours should be sufficient as the process is faster with warmer temperatures. From salt water, approximately 1/2 liter of drink is obtained in that time (about 1 liter from freshwater). For maximum efficiency, change out the salt water every two hours through the red port (not necessary for freshwater). Occasionally agitating the HighSeas F₂O and keeping it warm will also increase efficiency. Do not let the HighSeas F₂O process for more than 24 hours, as the drink may become too salty.
5. After waiting the required time, open red port and discard remaining salt water. Close the red port.
6. To drink, remove green cap and pour clean drink into a clean container. The drink should be consumed within 24 hours. The drink is very high in sugar - the 1/2 liter is similar to drinking the juice of pressed wine grapes. Drink slowly. If very salty, do not drink.
7. Close green cap. Start the next batch as soon as possible by repeating steps 1-6. Do not wait until your drink is gone.
8. When not in use, empty fluids from both red and green ports. Occasionally agitate the HighSeas F₂O empty with both ports closed to prevent the membrane from drying out.

- CAUTION**
1. Always use emergency use only, due to sugar content.
 2. Do not use HighSeas F₂O ten days after first use.
 3. *Do not use antiseptic or bath products.
 4. **Water, waste and industrial sewage not recommended.
 5. Do not store in direct sunlight.
 6. Once the inner bag has gotten wet, the membrane must not be allowed to dry. Keep both ports closed.

HighSeas F₂O is a multi-use emergency desalinator. It is designed to be used with a variety of salt water and is not intended for use with fresh water. It is not intended for use with industrial or agricultural waste. It is not intended for use with water containing high levels of heavy metals or other contaminants. It is not intended for use with water containing high levels of bacteria or other microorganisms. It is not intended for use with water containing high levels of organic matter. It is not intended for use with water containing high levels of inorganic matter. It is not intended for use with water containing high levels of any other contaminants. It is not intended for use with water containing high levels of any other contaminants.

TRoubleshooting

1. Drink too salty: Make sure all water was not poured into green cap. If it wasn't, HighSeas F₂O has been consumed. Do not drink. Dispose of HighSeas F₂O.
2. HighSeas F₂O is leaking: Check that both the green and red ports are clean and closed tightly.
3. No drink comes out: Check that the HighSeas F₂O is not the filter. This is not a problem. This is how the HighSeas F₂O works. It is a membrane bag in a bag. The drink should come out as a lighter color of the nutrient charge that was used.

FTSH₂O
Fluid Technology Solutions

Pouch manufactured and filled by Fluid Technology Solutions, Inc. 2482 Ferry St. SW Albany, OR 97322
www.ftsh2o.com | info@ftsh2o.com | Tel: 541.791.9182
Manufacture Date: _____
Expiration Date: _____

Nutrient Syrup Charge
For use with the SealPac, a forward osmosis filtration system that rejects salt along with other contaminants. Use 1 full bottle with seawater in the bottle with fresh water.

This unit not labeled for individuals



Used by the US Coast Guard and militaries around the globe

production: 500ml per use (1.7L in fresh water)

uses: 8 times or 10 days, whichever comes first

purity: 6-log bacteria reduction, 97% salt rejection

hydration time: 5 hours at 20° C

calories: 480 per use

Simple and easy emergency desalination. The HighSeas F2O desalinator works by osmosis, the natural way of filtering water.

Fill the red port with sea water, and inject the contents of one syrup bottle through the green port. The pouch's membrane filter will block 97% of the salt while drawing the water into the inner chamber.

No pumping or manipulation is required.

The result is a clean and hydrating drink that provides 480 critical calories invaluable in survival situations at sea.

