

**HATENBOERWATER**  
*Fresh in water since 1906.*

# PLASTIC FREE @SEA



 **SAFE WATER  
ON BOARD**

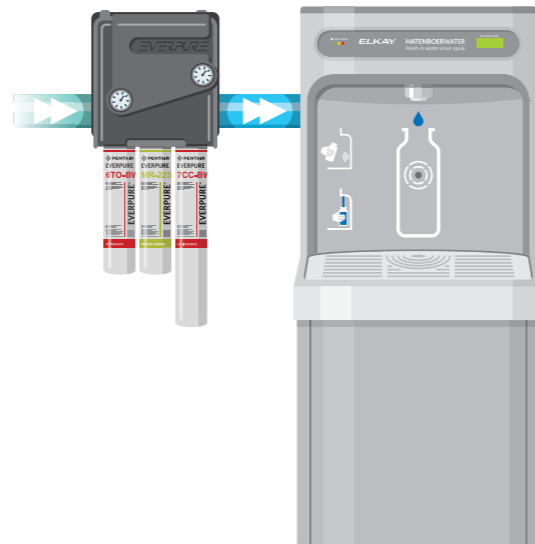
## Plastic Free @Sea

With water being the most precious of all our sources, we must look at the bigger picture and protect our oceans from plastic pollution.

At Hatenoer-Water we realized we had to come with the alternative. Based on our extensive track-record in water management throughout the Maritime & Offshore industry, we are now offering our **Plastic Free @Sea** solution.

**100% plastic free drinking water on board;  
even micro-plastics are filtered**

The **Plastic Free @Sea** solution entails contact-free, robust, bottle filling stations/coolers with build-in filtration, through additional (POU) filtration if needed. No more plastic bottles are needed by introducing reusable bottles. Safe water on board can be guaranteed in any situation!



**Safe environment, less costs,  
labour and space!**



**By 2050, plastic will  
outweigh fish in our ocean**

World Economic Forum



Not only does the **Plastic Free @Sea** solution significantly reduce a shipowners' ecological footprint, it is providing cost savings too! By eliminating global supply and storage issue, cost savings go well beyond the price of just water and include increased efficiency as well.

Let us explain the **Plastic Free @Sea** concept and help you with our check list to show your benefits when you implement it for the entire fleet!

### Calculate your savings

Costs	3,675
Logistics	15,750
Plastic bottles	31,500

## Calculate your savings online

With the possibility of implementing the wall mounted purification unit and the touchless bottle filling station, we can easily give you insight in your savings when adopting the **Plastic Free @Sea** concept with our online calculator. Offering a quick answer to your savings per vessel or entire fleet and backup up by our knowledge on safe water on board.

You can check-out the online calculator now:



**SAFE WATER  
ON BOARD**

## Maritime Bottle Filling Station

### Touchless tapping of reusable water bottles

Apart from the fact that the crew will be thrilled that they won't have to handle the numerous plastic bottles, we offer them contact free, heavy duty water dispensers. Attractive looking, stainless steel units that allow your crew to consume water from your vessel in a responsible, safe and effective manner.

#### Key features



CLEAN COOL WATER  
WITHIN REACH



ANTIMICROBIAL  
PROTECTION



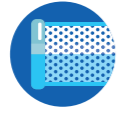
HANDS-FREE  
ACTIVATION



MINIMAL  
SPLASHING



REAL DRAIN



INTEGRATED  
FILTER CARTRIDGE



COUNTS SAVED  
WATER BOTTLES

#### Trouble free maintenance

The applied filter can handle a total of 10,000 L / 2,640 gal. water or a max of 1 year operation. The filter indicator on the water bottle filling stations will advise when to replace this filter. After checking all details set up in our water manual, your water supply is all set to make sure your crew stays hydrated and thus concentrated at all times.

#### Durable bottles

The water is brought to your crew chilled, purified, mineralized and free of any contaminations. They just need to bring their own durable bottle for a refill. The ticker will tease and create awareness of the number of plastic bottles saved over time.

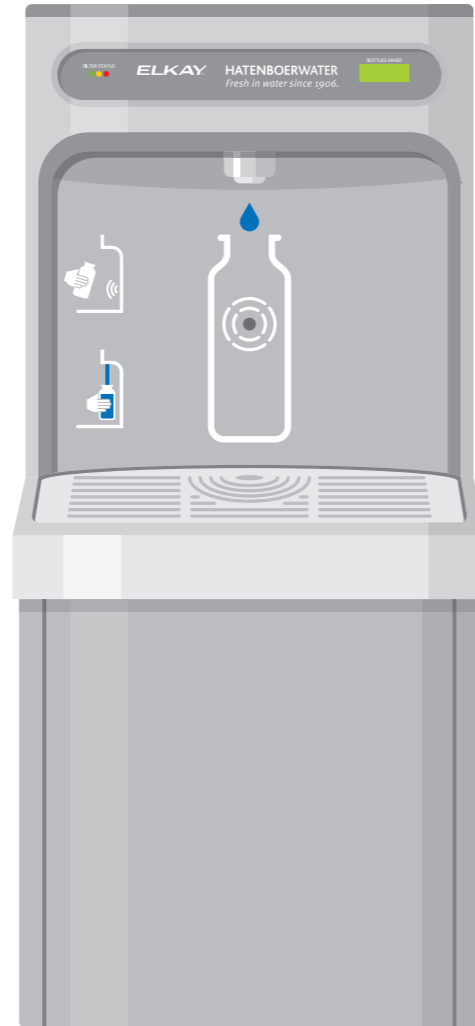


HATENBOERWATER  
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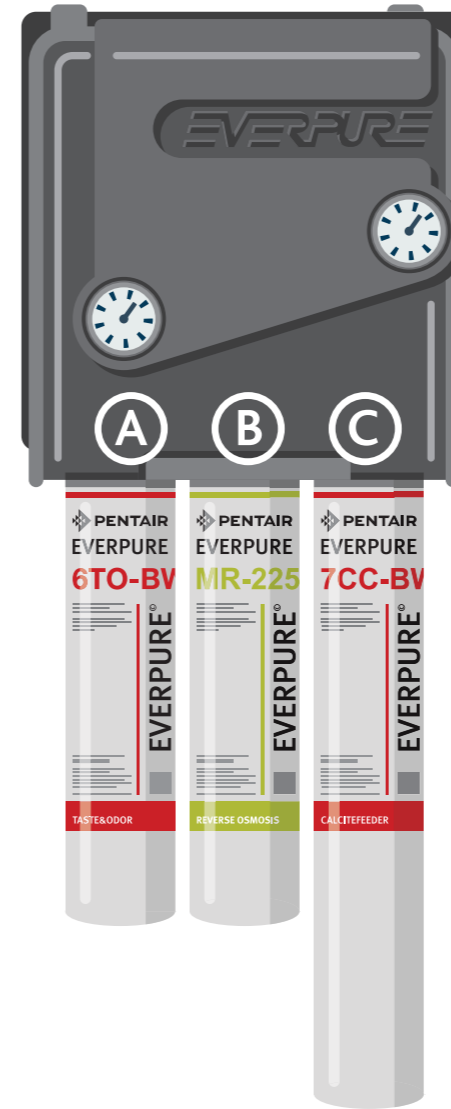
BOTTLES SAVED

00011328

Of course we can supply you with bottles with your company logo.



**ELKAY**  
Authorized Distributor



- A** Activated carbon and membrane protector; to remove chemicals and unwanted pollution particles to protect the RO membrane.
- B** MRS-225 RO Membrane; produces purified water based on the Reversed Osmosis principle. Reverse osmosis technology filtrating viruses and bacteria.
- C** 7CC Feeder, filled with essential minerals which slowly mix with the product water for optimum health and maximum taste.

## Everpure Reverse Osmosis

### MRS Plate/Wall Mount System

Depending on your drinking water lay-out, you install the compact Everpure MRS-225 CC reverse osmosis unit just before the water dispenser. The unit has been especially configured by Hatlenboer-Water to stand up to on board water lay-outs.

The 3-step MRS-225 concept guards against taste and odor causing contaminants while removing dirt, particulates and dissolved minerals that can adversely affect taste of water and beverages.



#### Hygiene and disinfection applications

- Chlorine taste & odor reduction
- Particulate reduction
- TDS reduction
- Scale inhibition
- Mineral boost

#### Key features unit

- Compact & easy to install
- Wall mounted
- Less use of replacement filters
- Available with blending option



#### Easy maintenance

Sanitary cartridge replacement is simple, quick and clean: the internal filter parts are never exposed to handling or contamination. Wall mount design allows flexible installation.



## Unique toolbox for your crew

Many of our customers want to eliminate single-use plastics on board their vessels, often driven by CSR programs or cost savings. Don't underestimate the challenge of implementing this concept though. It requires convincing of the crew as well.

At Hatendoer-Water we learned that a set of small tools will help mitigate reluctance amongst crew. Next to dedicated drinking water training for the crew, we will provide you with infographics and explain the entire concept in a digital magazine.

Technicians often want to know all details and so we gladly provide them! You can check-out the online tool now:



### Online & Offline dataset

- Dedicated drinking water training
- Digital magazine with clear explanation of the concept
- Poster with infographic to mount next to every tap point
- Set of infographics on hydration and plastic waste



Be aware of Legionella, follow procedures and test

We train your crew when they're reluctant to drink from the tap

## Fresh in water since 1906!

When consuming from the vessel, one must be 100% certain water is safe and fresh 24/7. Hatendoer-Water ensures safe water to the water bottle filling stations with tailor made solutions.

Drinking water covers just a small part of the overall water usage on a vessel. Other risk areas such as showers, deck wash equipment, galley taps for cooking etc can result in potential contaminations among your crew. Do not forget the importance of a well equipped and maintained freshwater system.

Your ultimate goal is not only ensuring safe water on the bottle filling stations, but throughout the entire vessel. Guaranteeing a prolonged lifetime of water related equipment, less maintenance and thus costs and passing the legal inspections. Not to forget a healthy working environment.

### Quick Guide by experts

If you are facing problems with the overall water quality, use our checklist to guide you through possible solutions for your situation. Or contact our Water Quality department offering risk assessments, helping you to compose a potable water manual or have them analyzing your water.



## How do we get rid of single-use plastic water bottles on board, before 2030?

At Hatlenboer-Water we like to refer to our customers as partners. We will show you exactly what is required in your situation to safely get rid of plastic bottles for good. We also determine a timeline, together. Often, eliminating plastic bottles is achievable well before 2030. Several large and smaller shipowners have already implemented our solution successfully and are now sailing 'plastic free'!

### More information?

Would you like to know more about some relevant business cases we worked on? And how we can also help you to get rid of plastic bottles? Please contact one of our experts or visit our website

[www.hatenboer-water.com](http://www.hatenboer-water.com)



### Your benefits choosing Hatlenboer-Water

- Safe water on board, meaning a safe water environment for your crew
- Good water from production to consumption
- Strong focus on service, quality, innovations and improvement
- Minimal downtime
- Easy access to spare parts and consumables
- Worldwide services
- Local skilled support

120 YEARS  
KNOWLEDGE

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