

“One stop shop”
adds value to our clients



Enwa provides complete water treatment packages:

- Production of fresh water from sea water by the use of reverse osmosis.
- Water treatment for process water, drinking water and waste water.
- Water treatment and equipment for maritime pools and SPAs.

Commissioning and service from “one stop shop” will provide coherent documentation and equipment, and will simplify your projects and make them easier to run.

Photo: TUI Cruises, Selen Ship Management, Hurtigruten, Aard Brantvåg



Treated by Enwa. Energy Efficient and Environmentally Friendly
Water Treatment Solutions for the Cruise and Superyacht market.

More than 40 years of experience

Enwa develop and deliver energy efficient and environmentally friendly water treatment systems and is one of Scandinavia's leading companies within this business area. Safe drinking water, clean process water, corrosion prevention and energy efficiency are some of the areas where our knowledge and products are adding value to our customers. Enwa has delivered water treatment solutions to the onshore industry, property, maritime & offshore and the aquaculture and fishing industry.

ENWA WATER TECHNOLOGY
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ADVANCED WATER TECHNOLOGY



When every drop counts. The need for clean and fresh water is growing, and is essential when at sea – and in the world in general. Environmentally friendly solutions to clean, produce and reuse water are in focus, especially in the cruise industry where your customers have high demands regarding standard, and supply of water is of great importance.

Water treatment and equipment for Pool & Spa

Water in swimming pools and water worlds should not only be deceptively clear, it should also be hygienically safe and comfortable to be in, as well as holding the right temperature. Our systems make this happen.

We offer a complete treatment plant for swimming pools including equipment such as circulation pumps, filters, balancing tanks, heaters, UV filters, dosing- and inline analyzing equipment and control system.

- Pool & Spa Water Treatment Solutions.
- Pool & Spa equipment.
- Dosing systems.
- Complete USPH* compliant systems for swimming pools and jacuzzis.



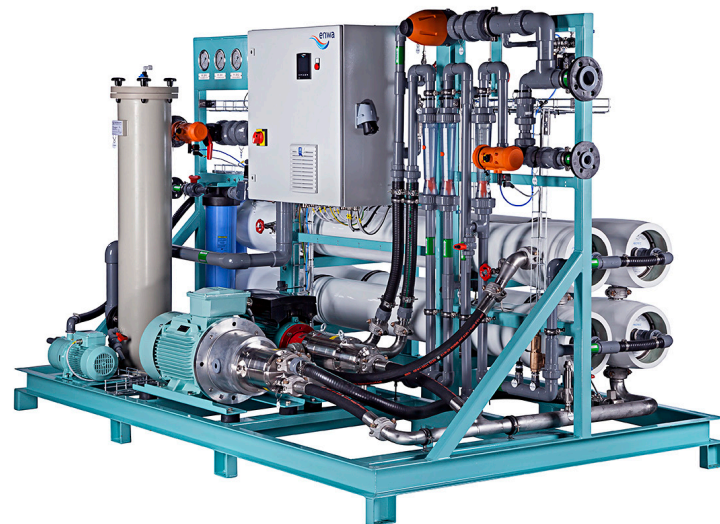
*United States Public Health, Vessel Sanitation Program 2018

Environmentally friendly solutions. Enwa aim to deliver world-class water treatment solutions with a small footprint, both energy effective and environmentally friendly. No matter if small or large cruise vessels, we supply a full range of water treatment packages.

Fresh water generation by the use of reverse osmosis (RO)

Desalination of sea water requires in depth knowledge about raw water, biological and particle status and seasonal and future changes for dimensioning reliable and economically efficient plants. We offer complete USPH and VSP-2018* compliant packages for drinking water and technical water, including pre- and posttreatment adjusted for all such conditions.

- RO Water Maker units for cruise ships, with fresh water capacities ranging from 15 m³ to 600 m³ a day.
- Standalone water maker units.
- Easy to operate, service and maintain.
- Energy efficient installations with the possibility to add energy recovery units, reducing energy costs by up to 60 %.
- Very high recovery rate (proportion of clean water).



Water treatment for HVAC/Chilled water systems without chemicals – EnwaMatic®

Protecting closed loop water systems from corrosion, scaling and bacterial growth is a proactive way of safeguarding the environment. If any freshwater based, closed loop, cooling or heating system is left without treatment, the system will rapidly deteriorate causing operational problems and high maintenance costs.

As HVAC systems require major capital investment, have long-term operating costs and their energy consumption impacts significantly on the environment and profit, it is crucial to protect and maintain system efficiency.

- Chemical free solution.
- Continuous filtration that optimises heat transfer and leads to a more efficient cooling and heating system.
- Easy to implement and manage, suitable for retrofit.
- Equipment lifespan is pro-longed and the system uses less energy.
- Proven technology that has been used for over 20 years onshore and on cruise ships, passenger ferries, expedition vessels and superyachts.



Water samples from the EnwaMatic® technology. Day 1 to day 30 from left to right.



References

Enwa has delivered a large number of water treatment solutions for the maritime market, including cruise vessels, expedition vessels and superyachts.

- Fresh water generators with capacities ranging from 15 m³ to 600 m³ a day.
- EnwaMatic® water treatment for HVAC systems, including Bespoke versions for large volumes.
- Complete water treatment plants for swimming pools and jacuzzis.

