

The source of
every solution

Offshore
**Top quality
for offshore
clients**



Reliable production and safe drinking water on offshore platforms is essential

The availability of purified fresh water is essential on any platform in the world. Our watermakers, based on the reverse osmosis desalination principle, meet the highest quality standards and reliability. These watermakers have proven to produce purified fresh water in even the most extreme conditions. In addition to an extensive standard range we also build tailor-made skid mounted watermakers. Pleuger continuously innovates and refines clean technologies to reduce environmental impact. Our expertise and client focus enables us to work for various offshore clients for around 50 years now. We are able to meet the high demands and always keep our commitments. Therefore we are proud to say we have very satisfied clients in this sector. Please contact the Pleuger team for additional information.

Only top quality

The quality requirements in the offshore sector are extremely high due to the working conditions. Our watermakers and

other products are of top quality only. This enables us to offer you the best and most sustainable solutions. Therefore the working life and reliability of our products is above-average. By continually using the latest technologies, the Pleuger team is always able to offer you the most sustainable solution which also meets the highest demands regarding quality. Working with top quality materials generates cost savings on maintenance and repairs in the long term.

We can be contacted 24 hours a day and can be on site quickly if necessary

We provide innovative solutions and services backed with highly skilled technical support. A positive critical look to both process and product has led to the achievement of leading quality certificates, such as ISO9001, ISO14001 and VCA**. You can benefit from these and have complete faith in flawless performance and 24-hour accessibility in the event of calamities. If necessary a service engineer will come directly to any location to be flown out to a platform. Our staff is, of course, qualified and certified to work on offshore platforms.

Best technology

Pleuger Water Solutions has been a key partner to companies in the offshore for many years now. We are therefore pleased to present a number of reverse osmosis desalination units which clearly show what we have to offer our offshore clients. Reverse osmosis desalination membrane processes has been commercially used since the early 1970s and proven over the last decade to be the best technology available for desalination, because no heating or phase changes are needed and energy requirements are relatively low in comparison to other processes of desalination.

Desalination units

Pleuger Water Solutions combines the advantages of an extensive standard range desalination units with a capacity of 0-48 m³/day, with tailor-made skid mounted watermakers. Every inquiry will pass our engineering department which has several years of experience in designing desalination units for your market.



Our standard design:

- Pre-filtration by unique **discfilter**.
- Heavy duty offshore design.
- Danfoss APP series high pressure seawater pump.
- Low pressure piping in PP materials
- High pressure piping in stainless steel.
- Automatic fresh flush system to prevent fouling at standby modus.
- Conductivity measurement of product water for continuous water quality control.
- Flush pump + flush tank.
- Control box.
- Easy installation and start up.

Taylor-made

Next to our standard design, it is possible to include several options tailoring to the more extreme demands of our customers.

Optional:

- [Automatic] Chemical cleaning unit for fouled membranes.
- Chemical conservation to preserve membrane in offline mode.
- Explosion proof design (zone 1 or 2) for placement of the system outside the safe areas.

