

Antifouling unit

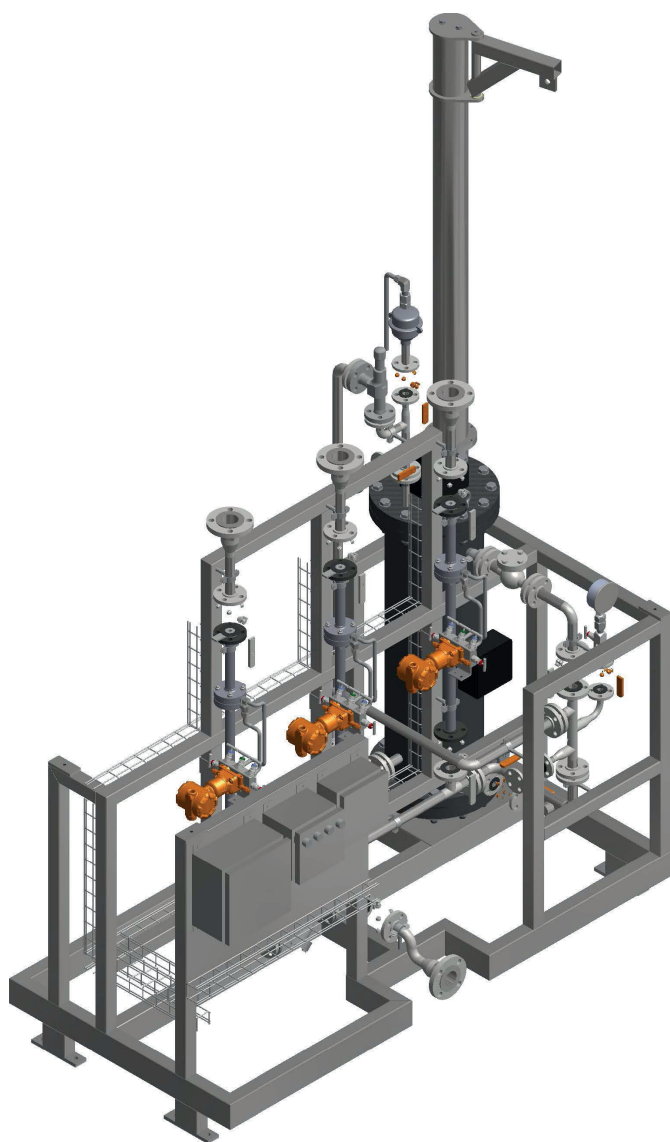
Copper & chlorine solution for seawater intake

Guldagers antifouling units prevent sea water intake systems, lift pumps, pipe systems, filters and heat exchangers from being clogged with mussels, barnacles and slime.

Based on electrolytic treatment of the seawater, copper and chlorine are released in small concentrations by electrolytic treatment of the seawater thereby effectively eliminating the growth of mussels in the systems.

Left untreated even big seawater pipes may be clogged by mussels after only a short time leading to problems and possible production shutdown.

The antifouling unit is placed topside, and is supplied by a small flow of seawater. The copper/chlorine concentrate from the antifouling unit is then feeded directly back to the suction site of the main seawater pumps in the caissons, thereby keeping the entire seawater system free of fouling.



Application:

- Treating of cooling water, fire water, injection water, technical water
- Accomodation and windmill transformer platforms
- Marine vessels
- Onshore seawater intake systems for power plants, cooling systems, desalination/RO plants, industry

Design

Available as pure hypochlorite units, pure copper or combined copper/hypochlorite units. The copper anodes may be combined with aluminium anodes for corrosion inhibition in mild steel pipes.

The units are designed with an efficient scaling and hydrogen elimination and are available in all capacities.

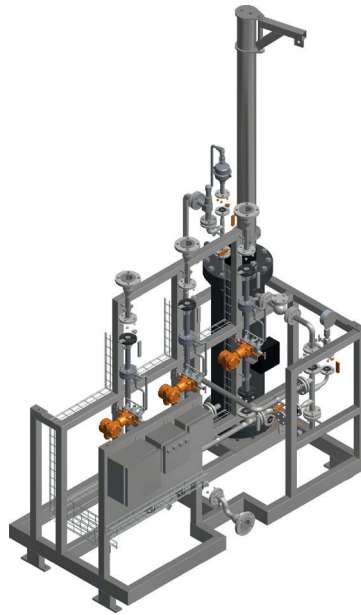
With the pro-environmental, unique and flexible design our Antifouling units are the best choice for many applications.

Quality and certification

All antifouling units and potable water makers are custom made, skid mounted, plug & play units. They are equipped with all necessary equipment in high quality materials and manufacture.

The units are in accordance with all applicable directives, international and national standards as well as specific customer company standards.

All units can be placed anywhere inside, outside or as DNV 2.7-1 container solutions. Certification for all classification areas, zones 1, 2 by notified body.



Global service

Worldwide service and aftermarket support either directly from Guldager A/S' headquarters in Denmark or by local partners. You can rely safely on our commitment to deliver our dedicated support for commissioning, field service, replacement parts and spare parts.



MANAGING RISK



Guldager Service

Our service concept consists of standard and flexible solutions customized for specific needs.

- Surveillance, fast and skilled assistance.
- Advanced equipment and metering procedures.

Call us on +45 48 13 44 00.