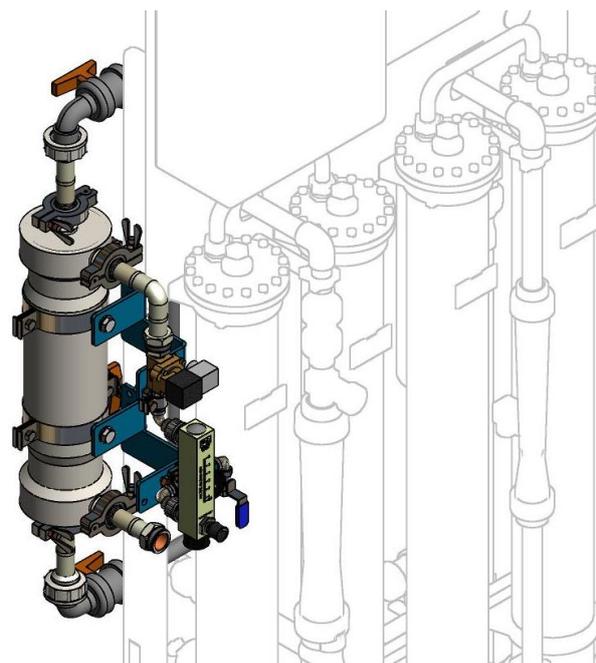




Membrane degassing units for removal of CO₂ and O₂

Membrane degassing units provide an efficient and compact method with low maintenance to remove carbon dioxide and oxygen from water without any chemical treatment.

EUROWATER offers membrane degassing units as standard add-on kits as well as individual solutions.

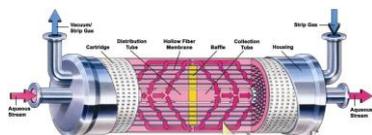


Increase performance

In many high purity and industrial applications, membrane degassing units, have become the standard for removing CO₂ and O₂ to reduce corrosion and increase performance.

How it works

The membrane degassing unit uses a microporous hollow fiber membrane to remove gases (CO₂ and O₂) from water.



Water flows over the outside of the hollow fibers while a vacuum, sweep gas, or both in combination, is applied to the inside of the fibers.

For more details about how it works, visit our website.

Add-on kits for removal of CO₂

Removing CO₂ after the reverse osmosis (RO) unit and before the EDI unit (or mixed bed) reduces chemical usage and increase EDI performance. Less CO₂ loading improves silica removal as well.



The goal is to reduce CO₂ content before EDI to less than 5 ppm. Operation mode is air sweep.

The membrane degassing units are available as standard add-on kits prepared for a wide range of RO units from EUROWATER.

The add-on kits are offered as standard option for new RO units. They can also be supplied separately to be mounted on existing RO units on site. See data sheet for available add-on kits.

Individual solutions

EUROWATER offers to design and supply individual solutions with membrane degassing units for CO₂ and O₂ removal.



Case: Membrane degassing unit in combo operation mode for removal of oxygen to less than 20 ppb. Complete frame-mounted solution with control panel and vacuum pump. The application is boiler feed water.

Visit our website to see more individual solutions.

Information

For more information, please contact your local EUROWATER sales and service office.