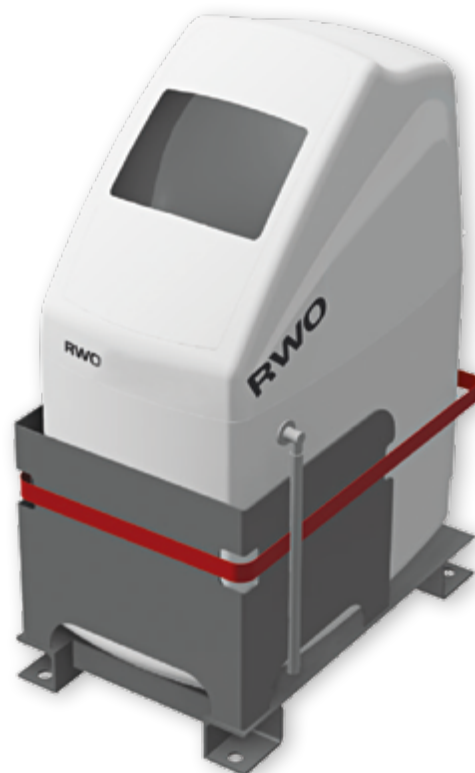


SOE-COM Drinking Water Softening

RWO

Protecting Equipment from Scaling and Water Hardness

Hardness in water is caused by the ions of calcium and magnesium. The hardness of the water is of prime concern for many technical applications because of its scale-forming tendencies. Therefore, some water users on-board ships need softened water, e. g. hot water circuits, laundry water, galley pantry, boiler feed water, cooling water. We recommend the RWO drinking water softener SOE-COM.



Water softening for drinking water and technical systems

How it Works

RWO water softeners operate using the ion-exchange process. The hardness minerals, calcium and magnesium, contained in the water are exchanged with sodium when flowing through the softener. To set an optimal water hardness between 6 and 8° dH the blending can be optionally integrated into the system. After exhaustion of the ion-exchange capacity the softener will be regenerated with brine.

Minimal Resource Consumption

The special control of the plant calculates the required salt and water flow before each regeneration. The resource consumption is significantly reduced because only the actual required quantity of salt and water is used. This protects the environment and reduces operating costs.

Easy Handling

Operating status and service requirements are indicated on a multicolor display. The control concept supports an optimal plant operation over the entire life cycle.

	SOE-COM 1200
Typical capacity Δp 1 bar and blending 20°dH on 8°dH*	1.2 m ³ /h
Capacity min. /max.	0.3/1.2 m ³ /h
Adsorbtion capacity	13 ° dH x m ³
Operating pressure	2.5 - 6 bar
Dimension A/B/C	345/620/790 mm
Connection	1 ¼"
Electrical connection	230 V, 50 Hz
Wet weight (kg)	80

*Other capacities available on request.

Key Features & Benefits

- > No scale inhibitors required
- > Compact plug-and-play design
- > Chemical saving system
- > Increased lifetime of water-contacting equipment
- > Low maintenance requirements
- > Designed for operation in unmanned engine rooms