SOE-COM
Drinking Water Softening

RWO VEOLIA

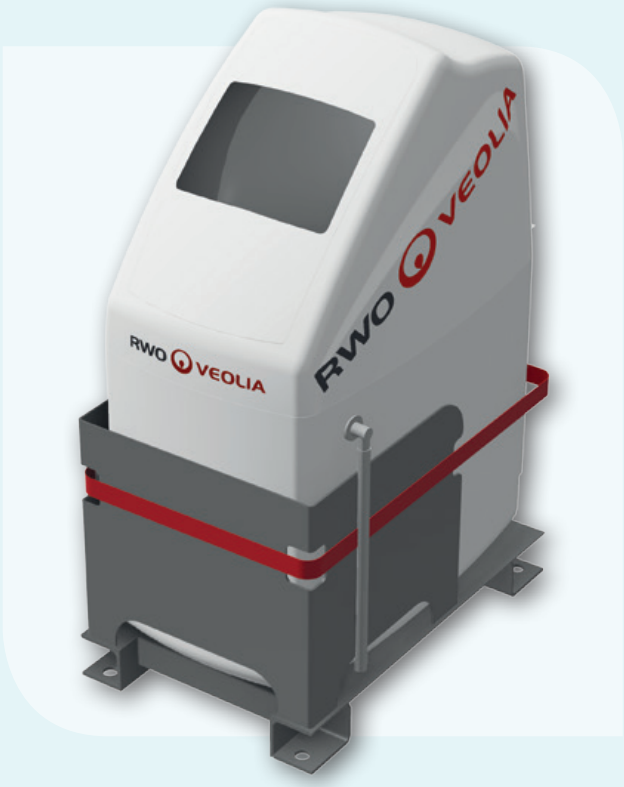
Perfect fit for SRO-COM

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 onboard ships need softened water, e.g. hot water circuits, laundry water, galley pantry, (staining) boiler feed water, cooling water. We recommend the RWO Drinking Water Softener SOE-COM. It is the ideal treatment step after a seawater reverse osmosis system such as the SRO-COM.

Your key benefits

- Scale inhibitors not required
- Skid-mounted stand-alone unit in a compact, marine-suitable "plug-and-play" design
- Saving of chemicals
- Increased lifetime of water-contacting equipment
- Low maintenance requirements
- Reliable equipment, safe to operate
- Designed for start-and-forget operation in periodically unmanned engine rooms

WATER TECHNOLOGIES



Optimum water quality

Our 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 operation costs.

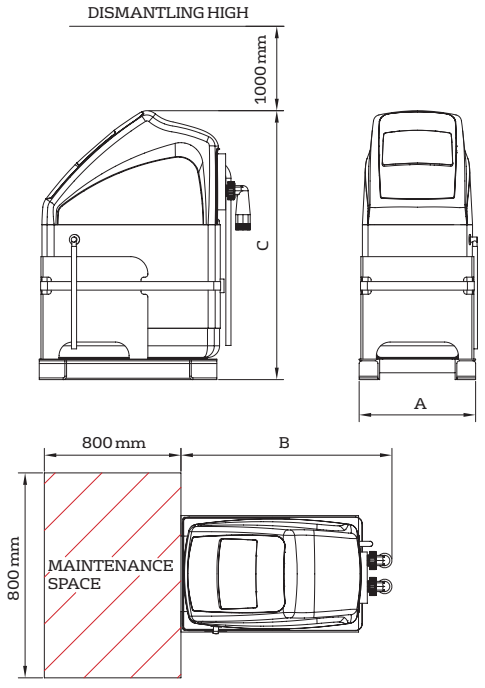
Easy handling

Thanks to the illuminated multicolor display the operating status can be seen from a distance. When necessary, the system indicates a service requirement. The control concept supports an optimal plant operation over the entire life cycle.

Technical data SOE-COM 1200

Typical capacity Δp 1bar and blending 20°dH on 8°dH *	1.2 m³/h
Capacity min. / max.	0.3/1.2 m³/h
Adsorbtion capacity	13° dH x m³
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.



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