

CARETECH FRESH WATER RO

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Dedicated Seawater Reversed Osmosis System for production of fresh water on board ships.

Seawater TDS 35000 \Rightarrow ppm Fresh Water < 500 ppm

Capacities: 8, 12, 16, 20 24 m³ of Fresh Water per 24 hrs



- 8-24 m³ / 24 hours
- Small footprint
- Skid mounted
- CIP unit
- Relay operated
- Optional:
 - > Cyclone filter
 - > Multi Media filter

discover the difference

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Technical specifications

REVERSED OSMOSIS SKID

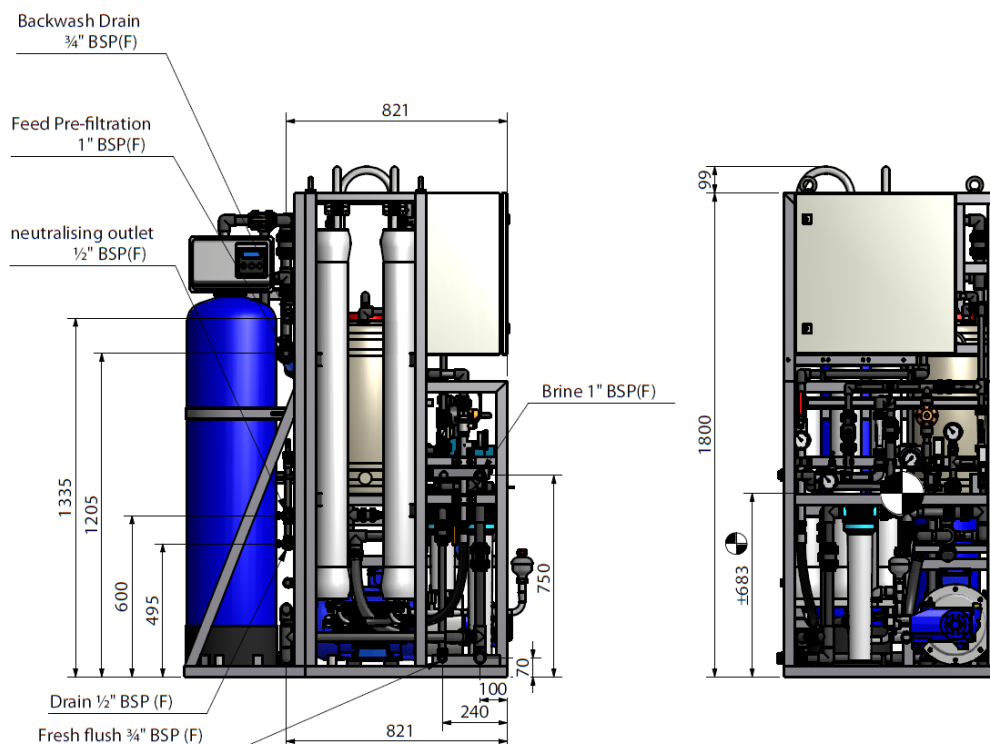
- Capacity* 8, 12, 16, 20, 24 m³ per 24 hours (at 25 °C seawater)
- Dimensions 800 x 800 x 1900 mm (l x w x h)
- Weight 280 kg (dry)
- Membranes SWC5, 4"x 40"
- High pressure pump CAT plunger pump; 64 bar
- Skid material Steel; Powder coated
- Power supply 3 x 440 VAC; 60 Hz
- Power consumption 7 kW
- Feed water 35000 total dissolved solids
- Produced water < 500 (WHO standards) total dissolved solids
- Control cabinet Relay operated
- Water quality Digital conductivity/TDS measurement

PRE FILTRATION SKID

- Multi Media Filter 103 liter, filter media
- Automatic control flow; back flush (timer operated)
- Cyclone filter for operation in shallow waters manual purge
- Dimensions 800 x 400 x 1900 mm (l x w x h)
- Power supply from Control cabinet RO skid
- Weight 90 kg (dry)

* Capacity is depending on the amount of membranes installed in the skid, 2, 3, 4, 5 or 6. Membrane type 4040-4

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