

SalTec® N System – Hydraulic System for Seawater Desalination



Applications:

- Seawater desalination
- Reverse osmosis (RO)

More Information:

www.ksb.com/products

SalTec® N System – Hydraulic System for Seawater Desalination by Reverse Osmosis

Optimum system efficiency

High-pressure pump, pressure exchanger, booster pump – KSB customises all components using proven materials. The perfectly matched components stand for optimum operation, the lowest possible energy consumption and permanent availability of all components.

High flexibility

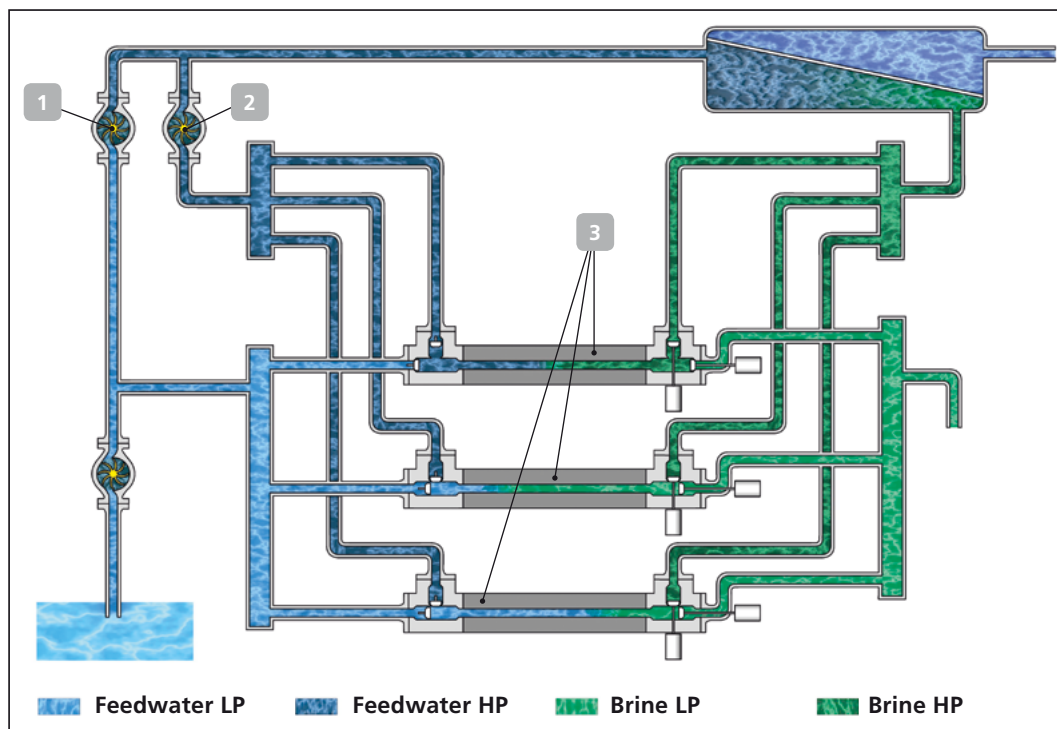
All components of the SalTec® N System have a large operating range, ensuring reliable system operation also in changing conditions.

Low energy and life cycle costs

KSB's hydraulic SalTec® N System comprises high-pressure pump, pressure exchanger and a booster pump. All components are designed for continuously high efficiencies, ensuring sustainably reduced energy and life cycle costs of the reverse osmosis system.

Robust design

All components of the SalTec® N System are able to handle solid particles in the water for a short time (e.g. during commissioning). Any damage to the components can usually be repaired on site with common tools.



- 1 HGM-RO
Multitec-RO
- 2 RPH-RO
- 3 SalTec® N

Materials

- Super duplex stainless steel (standard)
- Duplex stainless steel (on request)

Technical data

Fluid handled	Seawater with up to 45,000 ppm TDS
Capacity per system	From 7,000 m ³ /day From 1.86 million US gpd
Temperature	Up to +40 °C / +104 °F
Pressure	Up to 83 bar / 1,233 psi



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