



Osmosis and nanofiltration

Référence : ONF/2000



Implementation of two methods for membrane filtration

Industrial membrane type spiral:

Compact with big filtration surface area

GENERAL SPECIFICATIONS

- 200 L graduated tank.
- SS multi-stage centrifugal pump, 20 bar.
- Nanofiltration module: carter in resin and glass fiber, spiral polymer membrane.
- Reverse osmosis module: carter in resin and glass fiber, spiral polymer membrane.
- Permeate circuit and retentate circuit.

Instrumentation

- 3 manometers.
- 3 PVC flowmeters.

- Combined probes (conductivity and temperature) with electronic indication.
- SS flowmeter magnetic transmitter.

Dim : 285 x 100 x 190 cm – 250 kg
SS tubular framework 40 x 40mm

Categories: Educational Engineering Environment Reverse osmosis

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DESCRIPTION

Study of the characteristics of membranes

Research of osmotic water

Study of the two methods for a NaCl solution

Research of the evolution of the overall retention of the modules depending on pressure

filtration and the initial concentration of the salt solution

Evolution of the rate of conversion of the membranes



Unités livrées avec un manuel pédagogique
et dossier technique



Possibilité d'adapter les unités à vos
besoins



Mise en service, formation des
formateurs