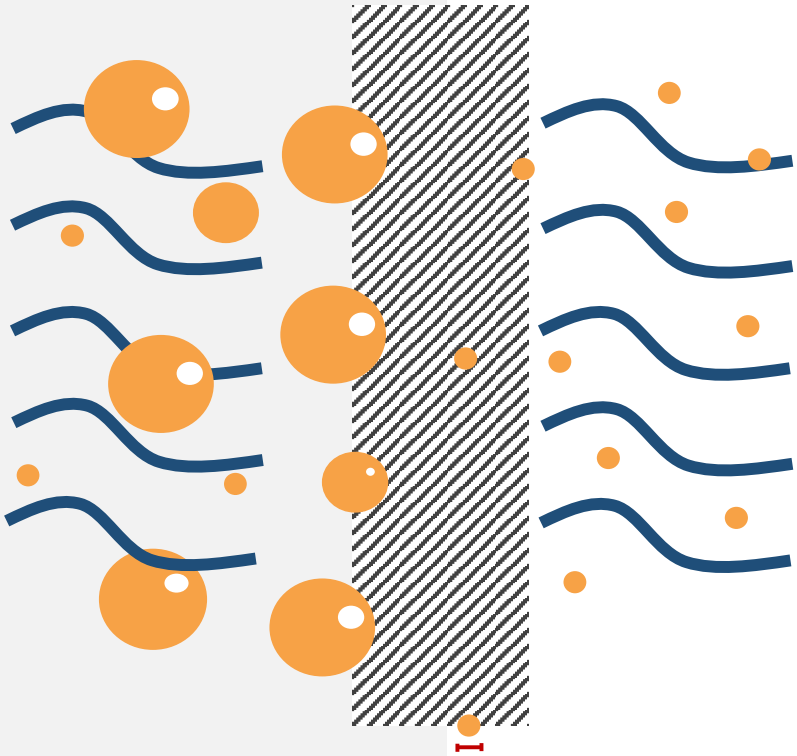
REVERSE OSMOSIS NANOFILTRATION SYSTEM

bared

Process

Reverse osmosis is a technique for the separation of water from total dissolved solids, whether they are molecules or ions. The filter element is a semipermeable composite-film membrane.
However, when you deal with complex solutions such as food liquids, the permeate will not be pure water but a diluted solution of the various constituents.



< 0,001 micron (200 Da)

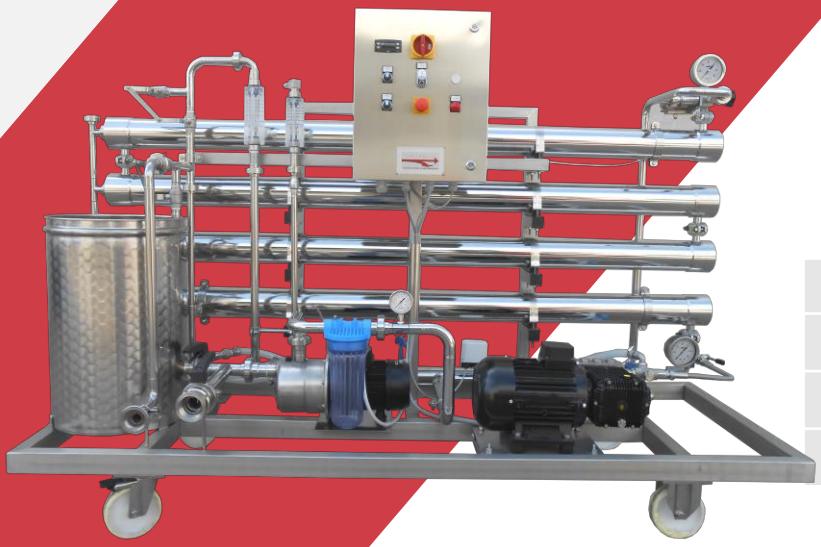
Applications

The filter is suitable for:

- Processing product at various concentration level
- Maximum sugar recovery
- Colours concentration
- Partial or total reduction of acidity and salts

Models

	B 4v2
Permeate	150-300 L/h
Power	4,0 kW
Dimensions	2300x1000x1600 mm
Weight	400 Kg



	B 8v2
Permeate	300-600 L/h
Power	4,0 kW
Dimensions	2300x1000x1700 mm
Weight	600 Kg

Models

	B 16v2
Permeate	600-1200 L/h
Power	7,5 kW
Dimensions	2300x1000x1700 mm
Weight	1150 kg

	B 24v2
Permeate	900-1800 L/h
Power	7,5 kW
Dimension	2300x1000x1950 mm
Weight	1500 Kg

Models

	B 30v2
Permeate	1150-2250 L/h
Power	11.0 kW
Dimensions	2300x1200x1800 mm
Weight	1600 kg

	B 36v3
Permeate	1350-2700 L/h
Power	11.0 kW
Dimensions	3300x1200x1700 mm
Weight	1800 kg

There are models of intermediate capacity to meet customer needs: B 6v2, B 10v2, B 12v2, B 20v2, B 27v3. Upon request it is possbile to manufacture customized models.

Features

MEMBRANES Standard models are equipped with 4inch diameter spiral wound. Systems with 2.5'' and 8'' membranes can be supplied upon request.

OPTIONAL RO systems can have:

- Full automation
- Digital flow-meter
- Inline instruments (pH, conducibility)