

SERIE A



A SERIES OSMOSIS

The A Series osmosis system is designed for the production of low salinity water for use in water treatment applications, water service and water for different semi-industrial and/or industrial processes.

The production of A Series reverse osmosis system ranges from 180 L/h to 200 L/h*.

A SERIES OSMOSIS

INDUSTRIAL OSMOSIS

MAIN COMPONENTS

1. 5 micron microfiltration
2. Minimum pressure switch
3. High pressure pump (vane or vertical centrifugal pump in stainless steel 304, depending on model)
4. Low pressure reverse osmosis membrane (2'5' or 4' depending on model)
5. Inlet brass solenoid
6. Drive brass solenoid
7. Pump pressure gauge
8. Rejection pressure gauge
9. Permeate flow meter
10. Recirculation flow meter
11. Conductivity meter in the permeate line on models ending in 'CD'.
12. Rejection flow regulator
13. Recirculation control valve
14. Electric programmer model RO-HW2
15. Stainless steel structure

REQUIREMENTS

- Electrical voltage:
 - 220 - 240 VAC - 50 Hz (equipment with vane pumps).
 - 380 - 400 VAC - 50 Hz (equipment with vertical pumps)
- Supply pressure: 3 - 5 Bar
- Design temperature: 20°C
- TDS maximum inlet: 2.000 ppm

OPTIONS

- Mixing system
- Raw water conductivity meter

CODE	MODEL	PRODUCTION (L/h)	MEMBRANE	PUMP TYPE** (kW)	RECOVERY* (%)	DIMENSIONS (mm)		
						WIDTH	DEPTH	HEIGHT
RO-0402-25	RO-A3240	180	3x25x40	Vanes 0,75	60	600	500	1500
RO-0402-05	RO-A3240-CD	180	3x25x40	Vanes 0,75	60	600	500	1500
RO-0402-27	RO-A140	200	1x40x40	Vanes 0,75	40	600	500	1500
RO-0402-37	RO-A140BV	200	1x40x40	Vanes 1,1	40	900	550	1500
RO-0402-07	RO-A140-CD	200	1x40x40	Vanes 0,75	40	600	500	1500
RO-0402-17	ROA-A140BV-CD	200	1x40x40	Vertical 1,1	40	900	550	1500
OP-0404-05	½" Mixer system option							
OP-0404-08	Conductivity meter in the line of raw water option							

* The conversion may vary depending on the analytics of the incoming water.

NOTE: All A series osmosis systems require adequate pre-treatment, which will depend on the source and quality of the water to be treated. For water with a TDS higher than 2000 ppm, please contact our technical department. Also, depending on the application of the treated water, a post-treatment may be necessary.