

PEQ SERIES

OSMOSIS

Osmosis systems PEQ series are 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 reverse osmosis systems serie PEQ are from 30 L/h to 120 L/h*.



REQUIREMENTS

- Power supply: 220 – 240 VAC – 50 Hz
- Supply pressure: 3 – 5 Bar
- Design temperature: 20°C
- Maximum TDS input: 2.000 ppm

OPTIONS

- Mixing system
- Conductivity meter in the permeate line
- Conductivity meter of raw water

MAIN COMPONENTS

1. 5 micron microfiltration
2. Minimum pressure switch
3. High pressure vane pump
4. Reverse osmosis membrane 2.5" of high salt rejection
5. Inlet brass solenoid
6. Drive brass solenoid
7. Pump pressure gauge
8. Rejection gauge
9. Permeate flow meter
10. Reject flow regulator
11. Recirculation regulation key
12. Electronic programmer model RO-HW2
13. Structure made of stainless steel

CODE	MODEL	PRODUCTION (L/h)	MEMBRANE	POWER (W)	RECOVERY* (%)	DIMENSIONS (mm)		
						WIDTH	DEPTH	HEIGHT
RO-0401-02	RO-P1221	30	1x25x21	245	25	800	400	700
RO-0401-03	RO-P1240	60	1x25x40	375	30	1200	400	700
RO-0401-04	RO-P2240	120	2x25x40	375	45	1200	400	700
OP-0404-05	1/2" Mixer system option							
OP-0404-07	Conductivity meter in the permeate line 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 PEQ 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.

FT-EN-RO-SERIE-PEQ-RO-0401-XX-FL25V01