

MURAL SERIES

OSMOSIS

MURAL series osmosis system is designed for the production of low salinity water for use in potable water applications, service water and water for different semi-industrial and/or industrial processes.

Designed for wall installation, it is the perfect solution for applications where low salinity water is required and there is not much space available.

The output of the Mural series osmosis system is 200 L/h.*



MAIN COMPONENTS

1. 5 micron microfiltration
2. Minimum pressure switch
3. High-pressure vane pump
4. 4' low pressure reverse osmosis membrane.
5. Brass inlet solenoid valve
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7. Pump pressure gauge
8. Rejection pressure gauge
9. Permeate flow meter
10. Recirculation flow meter
11. Conductivity meter in the permeate line
12. Rejection flow regulator
13. Recirculation regulation valve
14. Electric programmer model RO-HW2
15. Stainless steel wall-mounted structure.

REQUIREMENTS

- Electrical voltage: 220 - 240 VAC - 50 Hz
- Supply pressure: 3 - 5 Bar
- Design temperature: 20°C
- Maximum inlet TDS: 2.000 ppm

OPTIONS

- Mixing system
- Raw water conductivity meter

CODE	MODEL	PRODUCTION (L/h)	MEMBRANE	POWER (W)	RECOVERY* (%)	DIMENSIONS (mm)		
						WIDTH	DEPTH	HEIGHT
RO-0403-07	RO-M140	200	1x40x40	Vanes 0,75	40	1000	226	1300
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: The osmosis system of the MURAL series requires an adequate pre-treatment, which will depend on the origin 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-MURAL-RO-0403-07-FL25V01