

CONTEC
SERIES



MIINI-CONTEC SERIES



CONTEC SERIES

OSMOSIS CONTEC SERIES

CONTEC series osmosis systems are 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.

The output of the osmosis systems of the CONTEC series ranges from 80 L/h to 600 L/h*.

OSMOSIS CONTEC SERIES
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 the model)
- 4. Low pressure reverse osmosis membrane 4".
- 5. Inlet brass solenoid
- 6. Drive brass solenoid
- 7. Inlet pressure gauge
- 8. Pump pressure gauge
- 9. Rejection pressure gauge
- 10. Permeate flow meter
- 11. Recirculation flowmeter with regulation key
- 12. Rejection flowmeter with regulation key
- 13. Conductivity meter in the permeate line
- 14. Electric programmer model RO-HW2
- 15. Stainless steel structure
- 16. Low pressure line constructed in PVC-PN16
- 17. Contec models: high pressure line constructed in stainless steel
- 18. Mini Contec models: high-pressure line made of PVC-PN16

REQUIREMENTS

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

OPTIONS

- Mixing system
- Raw water conductivity meter

CODE	MODEL	PRODUCTION (L/h)	MEMBRANE	PUMP TYPE** (kW)	RECOVERY* (%)	DIMENSIONS (mm)		
						WIDTH	DEPTH	HEIGHT
RO-0601-02	MINI CONTEC 40-21	80	40x21	Vanes 0,75	20	525	550	970
RO-0601-03	MINI CONTEC 40-40	200	40x40	Vanes 0,75	40	525	550	1320
RO-0602-01	CONTEC 140	200	40x40	Vertical 1,1	40	680	640	1460
RO-0602-02	CONTEC 240	400	2x40x40	Vertical 1,1	50	680	640	1460
RO-0602-03	CONTEC 340	600	3x40x40	Vertical 1,1	60	680	640	1460
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.

** Pump type -> The high pressure power may vary depending on the inlet water temperature. The design of the equipment has been carried out taking into account an inlet water temperature of 20°C. For lower temperatures, please contact our technical department.

NOTE: All osmosis systems of the CONTEC series require a suitable 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. Depending on the application of the treated water, a post-treatment may also be necessary.