

SERIE B-LP



RO B 240 WITHOUT FLUSHING



RO B 240 WITH FLUSHING



RO B 680 WITH FLUSHING



RO B 640 WITH FLUSHING

REQUIREMENTS

- Power supply: 380 - 400 VAC – 50 Hz
- Supply pressure: 3 – 5 Bar
- Designed for temperature of 20°C
- TDS Maximum input: ≤ 1.000 ppm

OPTIONS

- Flushing system
- Mixing system
- PLC HW automatic programmer
- Conductivity meter of raw water
- Redox meter for inlet raw water
- pH meter for inlet raw water

B-LP SERIES OSMOSIS

The B-LP Series Osmosis systems 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 B-LP Series reverse osmosis system ranges from 200 L/h to 8000 L/h*.

B-LP SERIES INDUSTRIAL OSMOSIS

MAIN COMPONENTS

1. 5 micron microfiltration
2. Minimum pressure switch
3. High pressure vertical centrifugal pump in stainless steel 304
4. Low pressure reverse osmosis membrane (4' or 8' depending on model)
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. Rejection flow meter
12. Recirculation flow meter
13. Conductivity meter on the permeate line
14. Rejection flow key regulator
15. Recirculation flow key regulator
16. Electronic programmer model RO-HW2
17. Start - stop control panel
18. Stainless steel 304 structure
19. Low pressure line made of PVC-PN16
20. High pressure line made in PVC-PN16

CODE	MODEL	PRODUCTION (L/h)	MEMBRANE	PUMP TYPE** (kW)	RECOVERY* (%)	DIMENSIONS (mm)		
						WIDTH	DEPTH	HEIGHT
RO-0404-01LP	RO-B140-LP	200	1x40x40	1,1	40	1060	650	2000
RO-0404-02LP	RO-B240-LP	400	2x40x40	1,1	50	1060	650	2000
RO-0404-03LP	RO-B340-LP	600	3x40x40	1,1	60	1060	650	2000
RO-0404-04LP	RO-B440-LP	800	4x40x40	1,1	65	1060	650	2000
RO-0404-06LP	RO-B640-LP	1.200	6x40x40	1,5	75	3500	841	2000
RO-0404-11LP	RO-B940-LP	1.800	9x40x40	2,2	75	3500	841	2000
RO-0404-12LP	RO-B1240-LP	2.400	12x40x40	2,2	75	4500	780	2000
RO-0404-07LP	RO-B280-LP	1.800	2x80x40	3	50	2900	1200	2000
RO-0404-08LP	RO-B380-LP	2.500	3x80x40	3	60	4000	1200	2000
RO-0404-09LP	RO-B480-LP	3.500	4x80x40	4	65	2900	1200	2000
RO-0404-10LP	RO-B680-LP	5.000	6x80x40	4	75	4000	1200	2000
RO-0404-14LP	RO-B980-LP	8.000	9x80x40	7,5	75	4000	1200	2000
OP-0404-02	Automatic flushing 200 L: RO-B140, RO-B240, ROB-B340 y RO-B440							
OP-0404-04	Automatic flushing 200L: RO-B640							
OP-0404-09	Automatic flushing 300L: RO-B940 and RO-B1240							
OP-0404-03	Automatic flushing 300L: RO-B280, RO-B380, RO-B480 and RO-B680							
OP-0404-11	Automatic flushing 500L: RO-B980							
OP-0404-05	½" mixing system							
OP-0404-06	1" mixing system							
OP-0404-08	Raw water conductivity meter (equipment with HW2 RO controller)							
OP-0404-40	Raw water pH meter (equipment with RO HW2 controller)							
OP-0404-42	Raw water redox meter (equipment with HW2 RO controller)							
OP-0404-10	PLC HW programmable logic controller option							
OP-0404-12	Raw water redox meter (equipment with PLC programmable controller)							
OP-0404-14	Raw water pH meter (equipment with PLC programming controller)							
OP-0404-18	Raw water CD meter (equipment with PLC programmable controller)							

* The power of the high pressure pump may vary depending on the inlet water temperature. The equipment has been designed taking into account an inlet water temperature of 20 °C. For lower temperatures, please contact our technical department.

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

*** If the automatic flushing option is chosen, 704 mm must be added to the width of these models: RO-B140-LP, RO-B240-LP, RO-B340-LP and RO-B440-LP.

NOTE: All B-LP series osmosis systems require adequate pre-treatment, which will depend on the origin and quality of the water to be treated. Likewise, depending on the application of the treated water, post-treatment may be necessary.

FT-EN-ROSERIE B-LP-RO-0404-XXLP-FL25V01