

Osmeo Box II

140 L/h at 15°C



MEMBRANE SEPARATION

REVERSE OSMOSIS

OSMOSIS OSMEO-BOX II-140

Osmeo-Box II 140 is a professional reverse osmosis system designed to meet the most demanding applications. Its design makes it a unique machine offering high performance with maximum security level.

The extreme simplicity of its construction allows to afford a reliable system that is easy to maintain. Equipped with a tank of a total capacity 8 liters Osmeo-Box II-140 has a permanent reserve of water of very high quality.



Particularly suitable for hotels applications, and small laboratories it responds also to the needs of small residential water productions.



SPECIFICATIONS

APPLICATIONS

The Osmeo-Box range ensures the production of reverse osmosis water for :

- Glasses washers,
- Dishwashers,
- Ice machines,
- Coffee machines,
- Laboratories,
- Vehicles washing stations,
- Residential water production.

Mixed activated carbon and sediment pre-filter

Inlet solenoid valve.

Inlet pressure transmitter.

Adjustable pressure pump.

High efficiency and low energy consumption membranes (x2)

Conductivity probe

Permeate flow turbine.

8 liters storage tank.

Overpressure safety valve.

Pressure switch on / off.

Residual conductivity control valve.

Osmeo Box II is controlled by electronic with flow and conductivity display.

Frame with stainless steel fairing

Osmeo-Box 150



OPERATING PARAMETERS

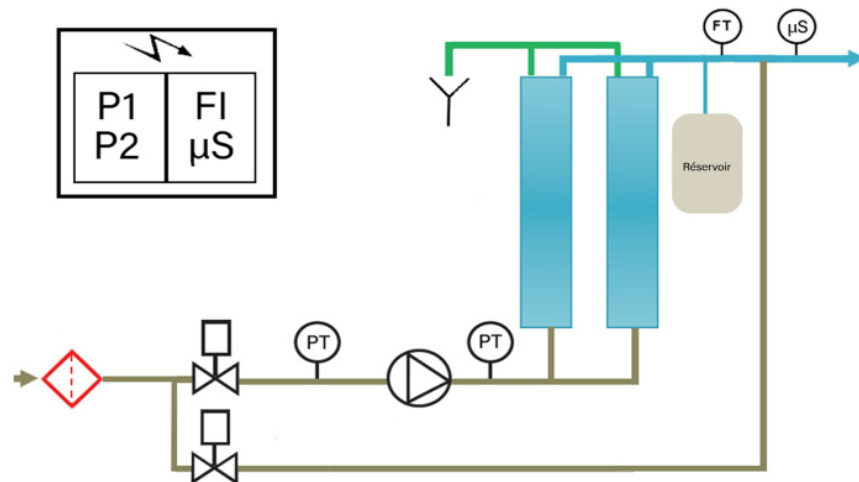
Power supply	220 VAC 50 Hz
Power consumption	250 W
Relative humidity	95%
Min./max. feed pressure	1.0 / 5.0 bars
Feed flow rate	400 l/h
Operating pressure	8.0 bars
Operating temperature	5 to 35 °C
Maximum total mineralisation	< 3000ppm
Softened or anti-scale pre-treated water required	
Iron + Manganese Concentration	< 0.1 ppm
SDI15 (fouling index)	< 3
Organic materials	< 3 ppm
Free chlorine	< 0.1 ppm

TECHNICAL DATA

Nominal production flow (*)	140 l/h
Approximate recovery rate	50%
Numbers of membranes	2
Production pressure	0.5 bar
Stop pressure	2.5 bars
Supply and production connection	3/4" BSP
Dimensions (mm)	
Length	435 mm
Depth	450 mm
Height	440 mm
Weight	32,9 kg

(*) at 15°C, 1000µS, new membranes

TECHNICAL DRAWING



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