

Reverse Osmosis System Ecosoft MO-1



Application: farms, steam boilers, bottled water production etc.

Description: commercial reverse osmosis system for brackish water.

Advantages:

- Reliable performance with high quality components and professional engineering
- Energy saving and efficiency with DOW FILMTEC™ XLE membrane and Grundfos Blueflux® pump
- Individual project evaluation for every case
- Flexible operation within wide range of conditions with adjustable flow rates
- CE marked and confirmed to be safe in accordance with EC New Approach Directives
- Manufacturing certified in accordance with ISO 9001:2008
- Manufactured since 1999

Specifications:

Code	Model	Flow capacity*, m ³ /h	Water consumption, m ³ /h	Forward flush flow rate, m ³ /h	Power supply	Power consumption, kW	Dimensions, H x W x D, m
MO11XLWE	MO-1	1,0	1,35–1,67	7,0–8,0	400 V, 50 Hz	3,0	2,0x0,91x0,95

**At 15 °C feed water temperature, 2000 mg/L mineralization*

Main components:

- DOW FILMTEC™ XLE-440 membrane element
- Grundfos high pressure pump with Blueflux® technology
- Polypropylene sediment filter, 5 microns, 4,5x20"
- ECOSOFT controller
- Conductivity sensor
- European automated ball valves
- Praher and John Guest fittings/pipes
- Float switch, high pressure protection, raw water and permeate pressure switches
- Wooden box packing

Options:

- Membrane rinse with permeate
- Raw water blending
- DOW FILMTEC™ ECO PRO-440, ECO PLATINUM-440 or BW30HRLE-440i membrane element