

# Reverse Osmosis System

## Ecosoft MO-3



**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 membranes 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 <sup>3</sup> /h	Water consumption, m <sup>3</sup> /h	Forward flush flow rate, m <sup>3</sup> /h	Power supply	Power consumption, kW	Dimensions, H x W x D, m
MO33XLWE	MO-3	3,0	4,0–5,0	8,0–16,0	400 V, 50 Hz	4,0	1,9x1,7x1,2

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

### Main components:

- DOW FILMTEC™ XLE-440 membrane elements
- Grundfos high pressure pump with Blueflux® technology
- Polypropylene sediment filters, 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