



REVERSE OSMOSIS SYSTEM

LPRO-B16-9000

Catalogue



LPRO-B16-9000

System Overview

- **Production:** 1.5m³/hr (36m³/day)
- **Membranes:** 4040 x 6
- **Feed TDS range:** ≤ 2000ppm with standard membrane
- **Typical salt rejection:** 95 - 99%
- **Power supply:** 380V 50Hz Three phase

Instrumentation

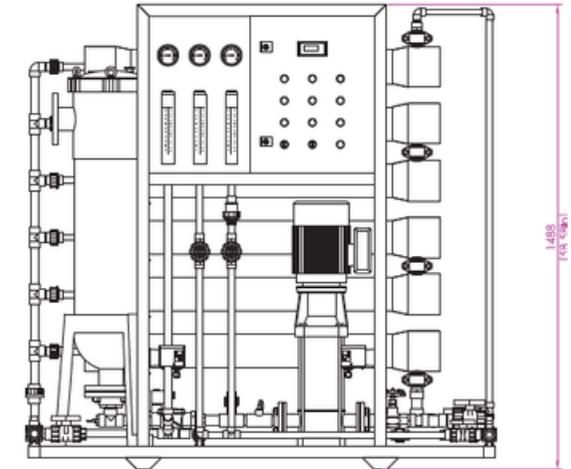
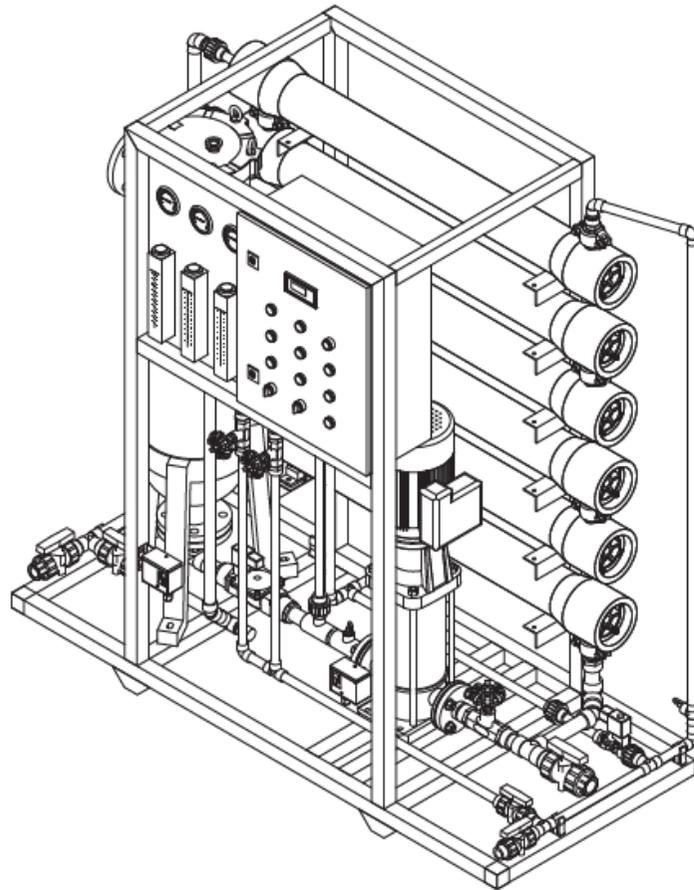
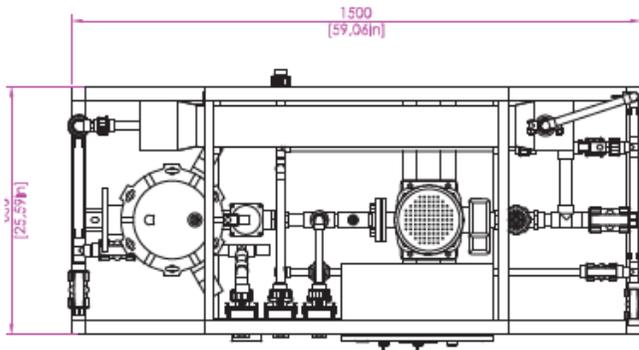
- **Conductivity:** Permeate
- **Flow meters:** Permeate, brine, brine recycle
- **Pressure gauges:** Pre & Post filter, Pre & Post membranes
- **Pressure switches:** Low pressure & high pressure

Material Of Construction

- **Frame Work:** SS304
- **Low pressure piping:** UPVC Class 16
- **High pressure piping:** UPVC Class 16
- **Pressure vessels:** FRP 300psi
- **Pumps:** SS304
- **Control Box:** Mild Steel epoxy coated
- **Pre-Filter Housings:** Double Length PVC Bag Filter

Feed Water Conditions

- **Temperature:** 5- 35' C
- **TDS:** ≤ 2000ppm with standard membrane
- **SDI:** < 5
- **pH:** 4 - 9
- **Free Chlorine:** Undetectable
- **Iron:** < 0.1 ppm
- **Manganese:** < 0.05 ppm



CRATED DIMENSION L (MM) *W (MM)* H (MM)	CRATED VOLUME (CUBIC METER)	GROSS WEIGHT (KG)	SYSTEM DIMENSION L (MM) *W (MM)* H (MM)	NET WEIGHT (KG)
1580*760*1670	2.01	234	1500*650*1488	179

***Specifications and dimensions subject to change**

***Permeate flows are maximums and may vary depending on feed water conditions**



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