



REVERSE OSMOSIS SYSTEM LPRO-B16-6000

Catalogue

LPRO-B16-6000

System Overview

- **Production: 1m³/hr (24m³/day)**
- **Membranes: 4040 x 4**
- **Feed TDS range: ≤ 2000ppm with standard membrane**
- **Typical salt rejection: 95 - 99%**
- **Power supply: 220V 50Hz Single phase**

Material Of Construction

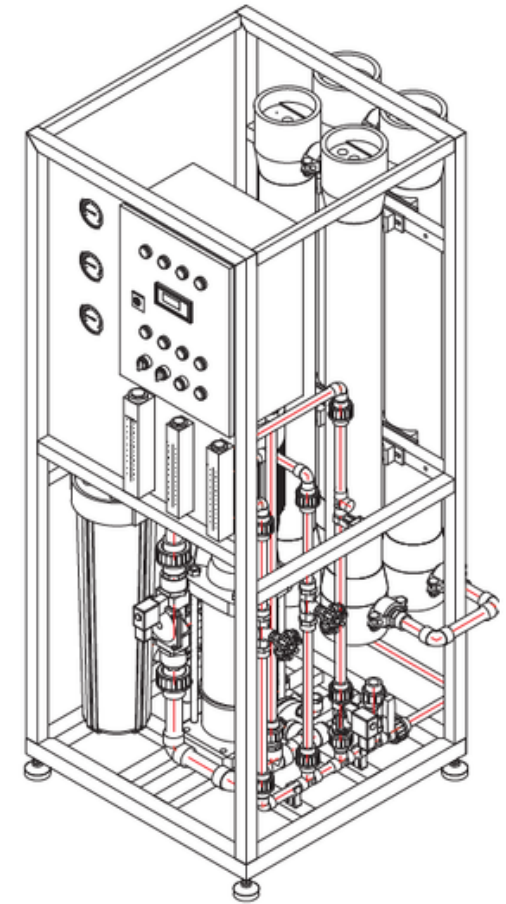
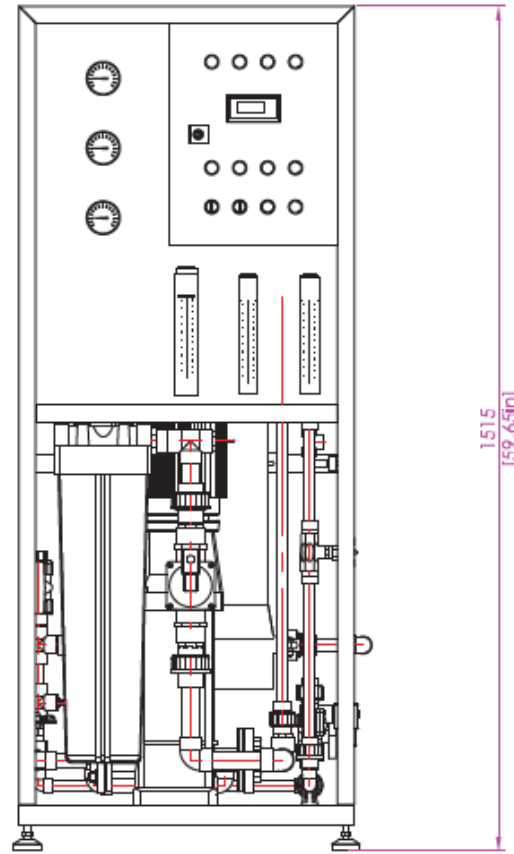
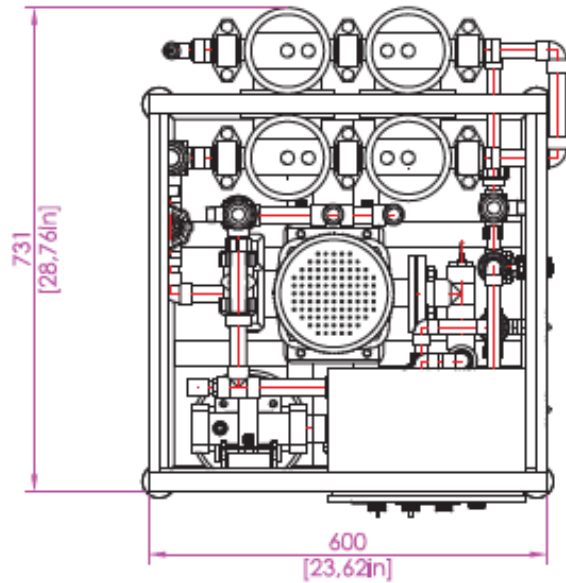
- **Frame Work: SS304**
- **Low pressure piping: UPVC Class 16**
- **High pressure piping: UPVC Class 16**
- **Pressure vessels: FRP 300psi**
- **Pumps: SS304**
- **Control Box: Mild steel epoxy coated**
- **Pre-filter housings: Big Blue 20"**

Instrumentation

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

Feed Water Conditions

- **Temperature: 5 - 35 ° C**
- **TDS: ≤ 2000ppm with standard membrane**
- **SDI: < 5**
- **pH: 4 - 9**
- **Free Chlorine: Undetectable**
- **Iron: < 0.1ppm**
- **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)
740*870*1660	1.07	164	600*731*1515	125

***Specifications and dimensions subject to change**

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



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