



*The*  
**WATER & SOLAR COMPANY**  
WATER & ENERGY SYSTEMS

**REVERSE  
OSMOSIS SYSTEM  
LPRO-B16-1500**

*Catalogue*



# LPRO-B16-1500

## System Overview

- Production: 0.25m<sup>3</sup>/hr (6m<sup>3</sup>/day)
- Membranes: 4040 x 1
- Feed TDS range: ≤ 2000ppm with standard membrane
- Typical salt rejection: 95 - 99%
- Power supply: 220V 50Hz Single phase

## Material Of Construction

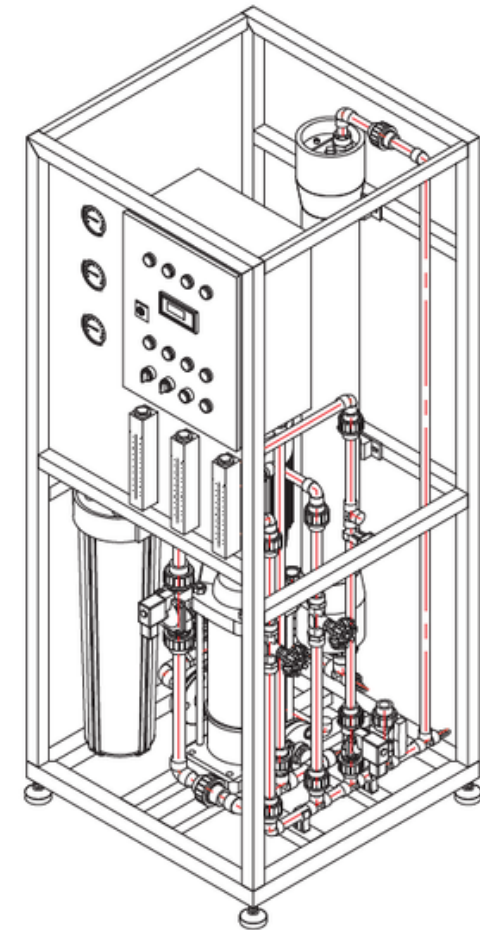
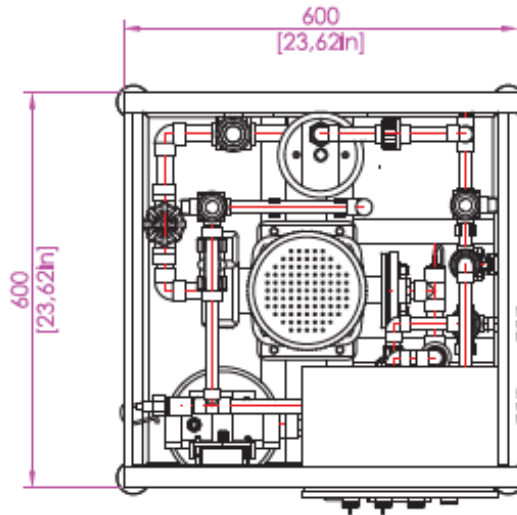
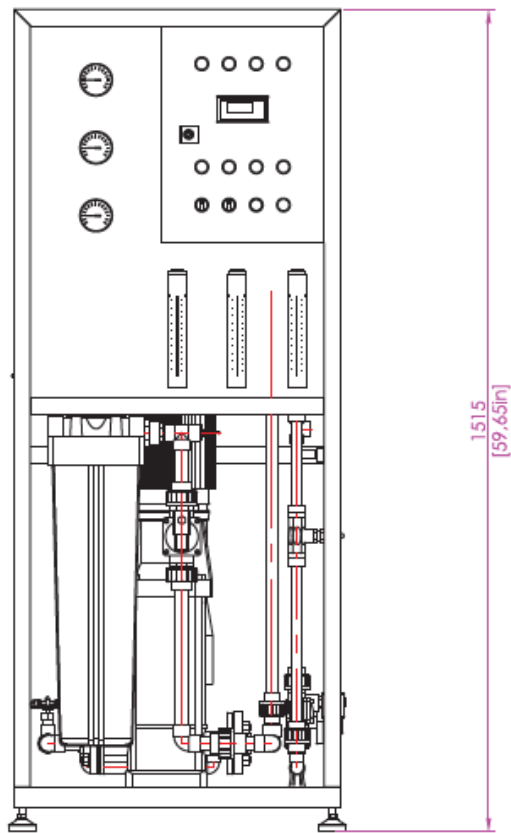
- Frame Work :SS304
- Low pressure piping: UPVC Class 16
- High pressure piping: UPVC Class 16
- Pressure vessels: FRP 300psi
- Pumps: SS304
- Control Box: Mild steel epoxy coated
- Pre-filter housings: Big Blue 20”

## 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)
690*730*1660	0.84	129	600*600*1515	95

**\*Specifications and dimensions subject to change**

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



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