

LPRO-B412-12000

REVERSE OSMOSIS SYSTEM

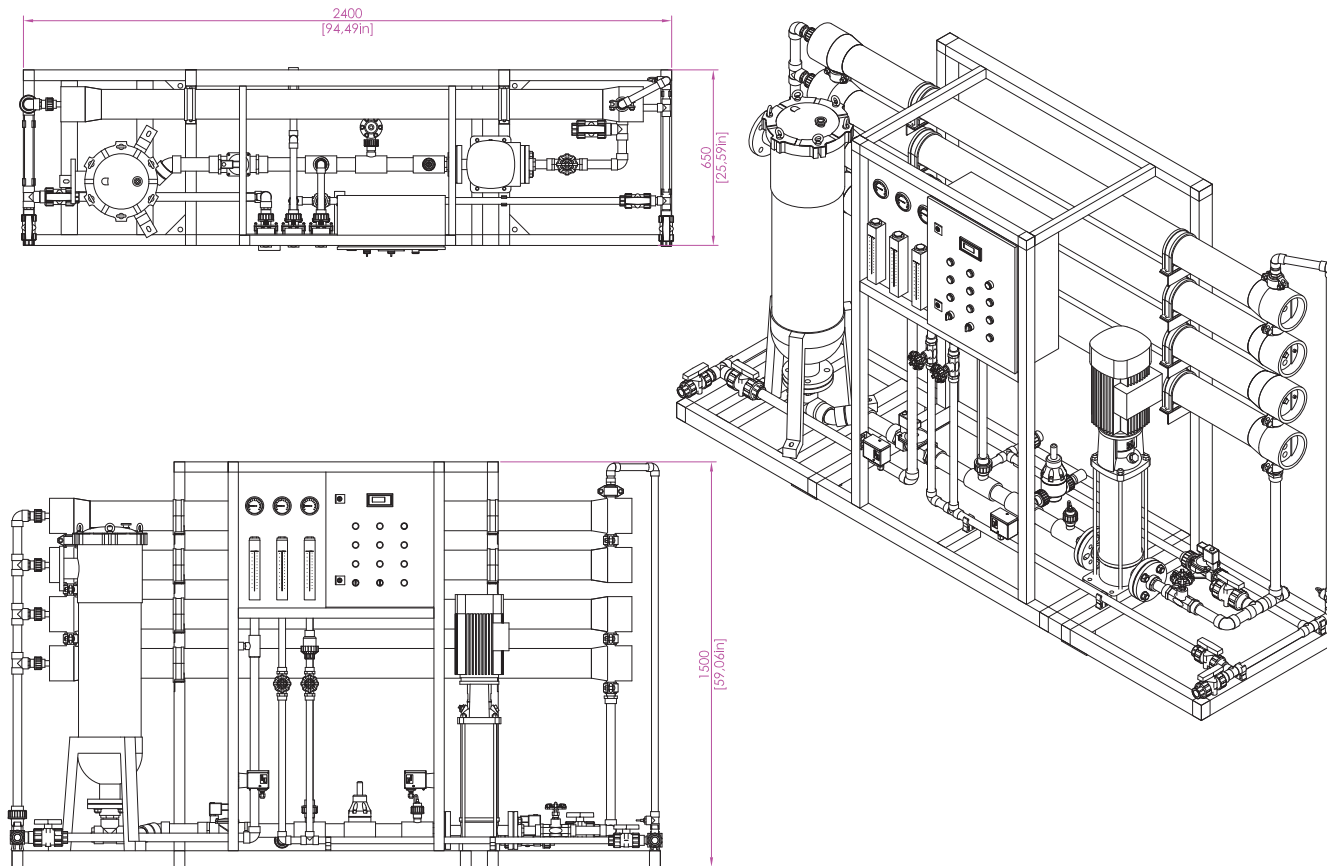


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REVERSE OSMOSIS SYSTEM



SYSTEM OVERVIEW

Production	2m³/hr (48m³/day)
Membranes	4040 x 8
Feed TDS range	≤ 2000ppm with standard membrane
Typical salt rejection	95 - 99%
Power supply	380V 50Hz Three phase

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

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

INSTRUMENTATION

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

*Specifications and dimensions subject to change

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

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)
2460*760*1680	3.14	307	2400*650*1500	187