

SLRBH-1500 Reverse Osmosis System

Specification

- Production Capacity: 190 250LPH @ 25°C
- Feed TDS Range: 5,000-10,000ppm
- Recovery Rate: <20%
- Connection: 3/4" Feed, 3/8" Permeate, 1/2" Concentrate

Components

- RO Membrane: XLP-4040
- Membrane Housing: 300PSI FRP Vessel 4040 x 1 pc
- o Pump: Walrus TPRS3-25 SS316 Multistage Pump 3HP
- o Frame: Electro-Plated SS304
- Pre-Filter: (20" KF Housing + PP Cartridge 5um) x 2 sets
- Solenoid Valve x 3 (with permeate flush feed)
- Low Pressure Switch x 1
- Concentrate Recycling Valve x 1

Control Panel Components

- RO Controller: Pre-programmed RO working procedures + permeate TDS monitor
- Pressure Gauges x 2: Filter Feed + RO Feed
- Flow Meters x 1: RO Permeate
- Pressure Regular: SS316
- RB System Performance Curve (XLP-4040 Membrane) 2,000LPH feed flow @ 15 bar pressure 300 250 256250 PERMEATE FLOW (LPH) 220 200 190 150 100 50 0 4000 5000 6000 8000 9000 10000 7000 RAW WATER TDS (PPM) -RB-1500
- Main Power Switch x 1





SLRBH-3000 Reverse Osmosis System

Specification

- Production Capacity: 240 500LPH @ 25°C
- Feed TDS Range: 5,000-10,000ppm 0
- Recovery Rate: <20% \cap
- Connection: 3/4" Feed, 3/8" Permeate, 1/2" Concentrate 0

Components

- RO Membrane: 2 x XLP-4040 0
- Membrane Housing: 300PSI FRP Vessel 4040 x 2 pcs (1-1)
- Pump: Walrus TPRS3-25 SS316 Multistage Pump 3HP \cap
- Frame: Electro-Plated SS304 \cap
- Pre-Filter: (20" KF Housing + PP Cartridge 5um) x 2 sets
- Solenoid Valve x 3 (with permeate flush feed) \cap
- Low Pressure Switch x 1 0
- Concentrate Recycling Valve x 1 \cap

Control Panel Components

- RO Controller: Pre-programmed RO working procedures + permeate TDS monitor
- Pressure Gauges x 2: Filter Feed + RO Feed
- Flow Meters x 1: RO Permeate \cap
- Pressure Regular: SS316
- 0 Main Power Switch x 1 0 RB System Performance Curve (XLP-4040 Membrane) 2,000LPH feed flow @ 15 bar pressure 600 500 500 PERMEATE FLOW (LPH) 400 200 40 300 200 100 0 4000 5000 6000 8000 9000 10000 7000 RAW WATER TDS (PPM) - RB-3000 SLS CONSULTING LTD 1F, No 16, Alley 5, Lane 608, Bei-An Rd, Taipei 103 www.sls-consulting.com





SLRBH-4500 Reverse Osmosis System

Specification

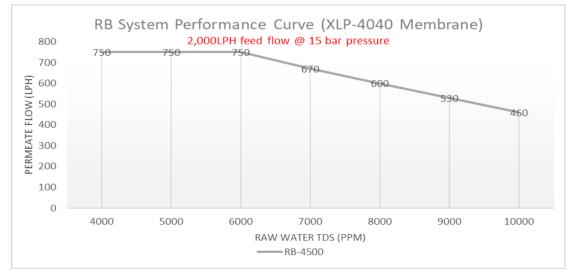
- Production Capacity: 460 750LPH @ 25°C
- Feed TDS Range: 5,000-10,000ppm
- Recovery Rate: <20%
- Connection: 3/4" Feed, 1/2" Permeate, 1/2" Drain

Components

- RO Membrane: 3 x XLP-4040
- Membrane Housing: 300PSI FRP Vessel 4040 x 3 pcs (1-1-1)
- o Pump: Walrus TPRS3-25 SS316 Multistage Pump 3HP
- o Frame: Electro-Plated SS304
- Pre-Filter: (20" KF Housing + PP Cartridge 5um) x 2 sets
- Solenoid Valve x 3 (with permeate flush feed)
- Low Pressure Switch x 1
- Concentrate Recycling Valve x 1

Control Panel Components

- RO Controller: Pre-programmed RO working procedures + permeate TDS monitor
- Pressure Gauges x 2: Filter Feed + RO Feed
- Flow Meters x 1: RO Permeate
- Pressure Regular: SS316



• Main Power Switch x 1





SLRBH-6000 Reverse Osmosis System

Specification

- Production Capacity: 400 1000LPH @ 25°C
- Feed TDS Range: 5,000-10,000ppm
- Recovery Rate: <20%
- Connection: 3/4" Feed, 1/2" Permeate, 1/2" Drain

Components

- RO Membrane: 4 x XLP-4040
- Membrane Housing: 300PSI FRP Vessel 4040 x 4 pcs
- Pump: Walrus TPRS3-25 SS316 Multistage Pump 3HP
- Frame: Electro-Plated SS304
- Pre-Filter: (20" KF Housing + PP Cartridge 5um) x 2 sets
- Solenoid Valve x 3 (with permeate flush feed)
- Low Pressure Switch x 1
- Concentrate Recycling Valve x 1

Control Panel Components

- RO Controller: Pre-programmed RO working procedures + permeate TDS monitor
- Pressure Gauges x 2: Filter Feed + RO Feed
- Flow Meters x 1: RO Permeate
- Pressure Regular: SS316
- Main Power Switch x 1

