

# 4000 GPD INDUSTRIAL RO



## SPECIFICATIONS

System	Brackish Water
Performance @ 25°C, 2000ppm TDS*	
Feed flow	2.1 m <sup>3</sup> /hr
Permeate flow	0.3 m <sup>3</sup> /hr
Recovery	Up to 50%
Rejection	95 - 98%
Operating pressure	200 psi max
Inlet pressure	40 - 90 psi max
Temperature	45°C max
Membrane housing	2 x 4040 Fibreglass
Membrane	2 x RE-4040-BE CSM
Pre-filtration	20" x 4.5" 1 x 5 µm Sediment 1 x 10 µm Carbon
Pump & Motor	Grundfos CR1-23 X-P-A-E HQQE 1.1 kw 240V 50 hz
Piping	High pressure reinforced
Electrical	1.65 m power cord with 10A plug
Controller	ROC 2315 Microprocessor
Frame	Stainless Steel
Connections	1" Inlet, 1/2" M Concentrate, 1/2" M Permeate & 1/2" M Comp Brine
Dimensions	1420 H x 770 W x 790 D

\*NOTE – Performance will vary depending on raw water quality and temperature. Based on membrane manufacturers recommendations and are approx.

## FEATURES

- Concentrate Flow Meter – 1-10GPM (35 lpm)
- Permeate Flow Meter – 1-5GPM (18 lpm)
- Recycle Flow Meter – 1-5GPM (18 lpm)
- Source Water Pressure Gauge – 0-200PSI
- RO Outlet Water Pressure Gauge – 0-500PSI
- 2 x 20" x 4.5" Pre-Filters (1 x Sediment, 1 x Carbon)
- Low Pressure Switch
- 1" Inlet Actuator
- 1/2" Flush Solenoid Valve
- Recycle 1/2" Stainless Steel Needle Valve
- Concentrate 1/2" Stainless Steel Needle Valve
- Check Valve in Recycle Valve
- Power On/Off Switch
- Provisions for a Float Switch (Not supplied)

## ROC 2315 FEATURES

- Temperature monitoring
- Conductivity monitoring with over limit alarm
- Adjustable Flush Time sequence
- TDS monitoring
- Indicator lights for
  - Low Feed Pressure
  - Low Pressure
  - High Pressure
  - Tank Full
  - Auto Flush
- 3 1/2" LED digital display