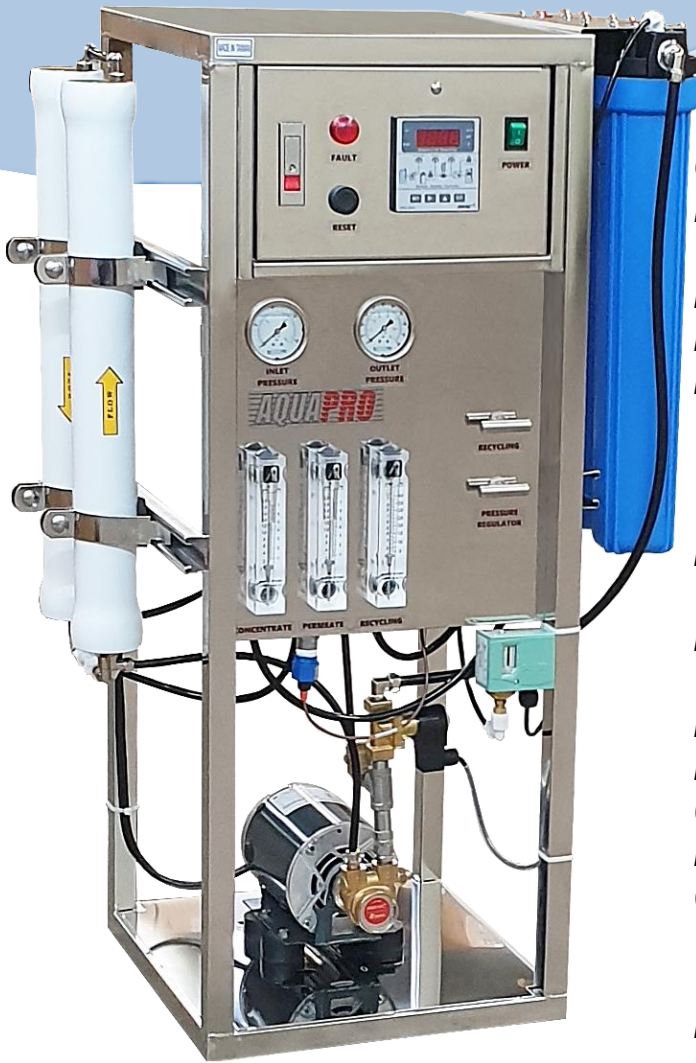


# 500GPD INDUSTRIAL RO



## FEATURES

- Concentrate Flow Meter – 0.2-2GPM (7 lpm)
- Permeate Flow Meter – 0.2-2GPM (7 lpm)
- Recycle Flow Meter – 0.1-1GPM (4 lpm)
- Source Water Pressure Gauge – 0-200PSI
- RO Outlet Water Pressure Gauge – 0-500PSI
- 3 x 20" x 2.5" Pre-Filters (2 x Sediment, 1 x Carbon)
- Low Pressure Switch
- 1/2" Inlet Solenoid Valve
- 1/2" Flush Solenoid Valve
- Recycle 1/2" Stainless Steel Needle Valve
- Concentrate 1/2" Stainless Steel Needle Valve
- Check Valve in Recycle return line
- Power On/Off Switch
- Provisions for a Float Switch (Not supplied)

## SPECIFICATIONS

System	Brackish Water
Performance @ 25°C, 2000ppm TDS*	
Feed flow	0.47 m <sup>3</sup> /hr
Permeate flow	0.08 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 2521 Fibreglass
Membrane	2 x RE-2521-BE CSM
Pre-filtration	20" x 2.5" 1 x 5 µm Sediment 1 x 10 µm Carbon 1 x 1 µm Sediment
Pump	Procon 1533 - 112A125F11BA 225 psi – 125 gph
Motor	Marathon Electric 1/2 hp 240V 50Hz
Piping	High pressure reinforced
Electrical	1.6 m power cord with 10A plug
Controller	ROC 2315 Microprocessor
Frame	Stainless Steel
Connections	3/4" Inlet, 1/2" F Concentrate, 1/2" F Permeate & 1/2" F Comp Brine
Dimensions	1200 H x 730 W x 530 D

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

## ROC 2315 FEATURES

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