



# MODEL: AQBWRO-4

## Features

- ▶ Permeate Flow Meter (1 to 8 LPM)
- ▶ Concentrate Flow Meter (1 to 8 LPM)
- ▶ Recycle Flow Meter (8 to 40 LPM)
- ▶ Raw Water Pressure Gauge (0 to 1.5 MPa)
- ▶ Pre-Membrane RO Pressure Gauge (0 to 3.5 MPa)
- ▶ Concentrate Pressure Gauge (0 to 3.5 MPa)
- ▶ 20" Std Dia 5 & 1 Micron Sediment Pre-filters
- ▶ Low Feed Inlet Pressure Switch
- ▶ Inlet Solenoid Valve 220v 50Hz
- ▶ Flush Solenoid Valve 220v 50Hz
- ▶ ROC 2315 Microprocessor Controller with Temperature & Conductivity Monitor (0-2000µs/cm) & Adjustable Flush Time Sequencing
- ▶ RO Light (on ROC 2315 control)
- ▶ RO Pump Indicator Light (on ROC 2315 control)
- ▶ Low Feed Pressure Indicator Light (on ROC 2315)
- ▶ Tank Full Indicator Light (on ROC 2315 control)
- ▶ Auto Flush Indicator Light (on ROC 2315 control)
- ▶ High Pressure Pump Discharge Valve
- ▶ Recycle S/S Needle Valve
- ▶ Concentrate S/S Needle Valve
- ▶ Check Valve in Recycle Line
- ▶ Emergency Stop Switch w/- Indicator Light
- ▶ Power On/Off & Reset Switch w/- Indicator Light
- ▶ RO Pump On/Off Switch w/- Indicator Light
- ▶ Manual Flush On/Off Switch w/- Indicator Light
- ▶ Delay Timer 0-180sec.



**REVERSE OSMOSIS MACHINE**

## Specifications

<b>RO System</b>	▶ Brackish Water
<b>Model</b>	▶ AQBWRO-4
<b>Performance</b>	▶ at 25 °C, 2000ppm TDS
<i>Permeate Rate</i>	▶ 180 LPH Nominal at a recommended operating flux of 23 l/mh
	▶ 235 LPH Maximum at a maximum operating flux of 30 l/mh
<i>Recovery Rate</i>	▶ 50 to 75% Depending on Raw Water Feed Quality & Water Temperature
<b>Operating Pressure</b>	▶ 900kpa - 1200kpa
<b>Typical Ion Rejection</b>	▶ 95% to 98%
<b>Membrane Housing</b>	▶ 1 x 4"x40" 300psi Fibreglass Housing End Entry
<b>Membrane</b>	▶ 1 x 4"x40" Brackish
<b>Membrane Model</b>	▶ Hydranautics – CPA5 LD 4040
<b>Array</b>	▶ 1 (1 Element per Housing)
<b>Pump</b>	▶ Multi-Stage Centrifugal Stainless Steel Flanged Pump Model CDLF1-27
<b>Motor</b>	▶ 1.5KW, 240V/50Hz
<b>High Pressure Piping</b>	▶ Sch 80 PVC Imperial Pipe work
<b>Electrical Panel</b>	▶ Australian Approved Electrical Box
<b>Frame</b>	▶ Quality Stainless Steel
<b>Pre-Treatment Filter</b>	▶ 2 x 20" Std Dia Cartridge Housings
<b>Connections</b>	▶ ¾" F.I. Inlet, ½" F.I. Permeate, ½" F.I. Concentrate
<b>Dimension</b>	▶ 157cm H x 66cm W x 66cm D

Note:- Performance will vary depending on raw water quality and temperature.

The importer reserves the right to change specification / performance without notice and without incurring any obligation related to such changes.