



MODEL: AQBWRO-45

Features

- ▶ Permeate Flow Meter (6 To 60 LPM)
- ▶ Concentrate Flow Meter (6 to 60 LPM)
- ▶ Recycle Flow Meter (6 to 60 LPM)
- ▶ Feed Pressure Gauge (0 to 1.5 MPa)
- ▶ RO Pressure Gauge (0 to 3.5 MPa)
- ▶ 2nd Stage Pressure Gauge (0 to 3.5 MPa)
- ▶ 3rd Stage Pressure Gauge (0 to 3.5 MPa)
- ▶ Concentrate Pressure Gauge (0 to 3.5 MPa)
- ▶ Recovery Pressure Gauge (0 to 3.5 MPa)
- ▶ 30" 5-Rd Cluster 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
- ▶ Pump Delay timer 0-180 sec.



Photo for illustration purposes only and may not represent actual model.

REVERSE OSMOSIS MACHINE

Specifications

RO System	▶ Brackish Water
Model	▶ AQBWRO-45
Performance	▶ at 25 °C, 2000ppm TDS
<i>Permeate Rate</i>	▶ 1815 LPH Nominal at a recommended operating flux of 23 lmh
	▶ 2130 LPH Maximum at a maximum operating flux of 27 lmh
<i>Recovery Rate</i>	▶ 50 to 75% Depending on Raw Water Feed Quality & Water Temperature
Operating Pressure	▶ 900kpa – 1200kpa (130-170psi)
Inlet Water Pressure	▶ 280kpa minimum – 500kpa maximum
Typical Ion Rejection	▶ 95% to 98%
Membrane Housing	▶ 10 x 4"x40" 300psi Fibreglass Housing End Entry
Membrane	▶ 10 x 4"x40" Brackish
Membrane Model	▶ Hydranautics – CPA5 LD 4040
Array	▶ 3-3-2-2 (1 Element per Housing)
Pump	▶ Multi-Stage Centrifugal 304 Stainless Steel Flanged Pump Model CDLF4-22
Motor	▶ 4.0KW, 415VAC/50Hz Three Phase
High Pressure Piping	▶ Sch 80 PVC Imperial Pipe Work
Electrical Panel	▶ Australian Approved Electrical Box
Frame	▶ Quality Stainless Steel
Pre-treatment Filter	▶ 2 x PVC 5-Round 30" Cluster Housings
Connections	▶ 1½" F.I. Inlet, ¾" F.I. Permeate, ¾" F.I. Concentrate
Dimension	▶ 197cm H x 180cm W x 110cm D
Approximate Weight	▶ 295kg

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.