

# AQUAcure® Reverse Osmosis System

## RO-3000IP



- RO System: »Brackish Water  
 Model: »RO-3000IP  
 Performance (at 25°C, 2000ppm TDS)  
     Permeate Rate: »474 LPH Maximum, 360 LPH Nominal  
     Recovery Rate: »50-75% Depending on Raw Water Feed Quality and Water Temperature
- Operating Pressure: »600kPa – 1200kPa  
 Typical Ion Rejection: »95% to 98%  
 Membrane Housings: »(2) x 4.0" x 40" 304 Stainless End Entry  
 Membranes: »(2) x 4.0" x 40" TFC (GE Water Desal)  
 Array: »1-1 (1 Element per Housing)  
 High Pressure Piping: »20mm O.D. PVC  
 Pump: »Multi-Stage Centrifugal 304 Stainless Steel Pump Model CDL1-300
- Motor: »1.5KW, 220V/50Hz (Optional Three Phase)  
 Electrical Panel: »Indoor Use  
 Frame : »Stainless Steel – Powder Coated  
 Approximate Weight : »85kg  
 Dimensions: »H153cm x W60cm x D60cm  
 Connections: »¾" F.I. Inlet, ½" F.I. Permeate, ½" F.I. Concentrate
- Installed Features: »Permeate Flow Meter (1.8 to 18 LPM)  
 »Concentrate Flow Meter (1.8 to 18 LPM)  
 »Recycle Flow Meter (1.8 to 18 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. Five & One Micron Pre-filters  
 »Low Feed Inlet Pressure Switch  
 »Inlet Solenoid Valve 220v 50Hz  
 »Flush Solenoid Valve 220v 50Hz  
 »Conductivity Monitor (0-20, 0-200, 0-2000 µs/cm Range Selection)  
 »Emergency Stop Switch w/- Indicator Light  
 »Power On/Off Switch w/-Indicator Light  
 »RO Pump On/Off Switch w/-Indicator Light  
 »Manual Flush On/Off Switch w/-Indicator Light  
 »Power Indicator Light  
 »RO Pump Indicator Light  
 »Low Pressure Indicator Light  
 »Tank Full Indicator Light  
 »Auto Flush Indicator Light  
 »Check Valve in Recycle Line  
 »High Pressure Pump Discharge Valve  
 »Recycle S/S Needle Valve  
 »Concentrate S/S Needle Valve
- Optional:  
 »Australian Approved Electricals in IP65 box  
 »FG Membrane Housings  
 »316 Stainless Steel Pump

#### Note:-

Performance will vary depending on raw water quality and temperature. Appropriate pre-treatment may be necessary. Contact Aquacure for details. Images are indicative only. Specifications subject to change without notice.